पेटेंट कार्यालय शासकीय जर्नल

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निर्गमन सं. 07/2016 शुक्रवार दिनांक: 12/02/2016 ISSUE NO. 07/2016 FRIDAY DATE: 12/02/2016

> 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.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

12TH FEBRUARY, 2016

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पेटेंट कार्यालय

कोलकाता, दिनांक 12/02/2016

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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

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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(12) PATENT APPLICATION PUBLICATION (21) Application No.201611000900 A

(19) INDIA

(22) Date of filing of Application :11/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: ARTIFICIAL NEURAL NETWORK BASED FALSE DATA DETECTION AND DATA AGGREGATION IN WIRELESS SENSOR NETWORKS

(51) International classification	:H04L12/801	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUKESH KUMAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CSE,NIT
(33) Name of priority country	:NA	HAMIRPUR 177005 Himachal Pradesh India
(86) International Application No	:NA	2)DR.KAMLESH DUTTA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MUKESH KUMAR
(61) Patent of Addition to Application Number	:NA	2)DR.KAMLESH DUTTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

False data injection attack is a serious problem in data aggregation along with achievement of security mechanisms like. integrity and authentication. Compared with conventional desktop computers, implementing security mechanisms that provide authentication, confidentiality and integrity is not easy in wireless sensor networks due to the limited processing power, storage, bandwidth, and sensor node energy. Because of these characteristics such a kind of network suffers from a lot of problems such as data forgery, Sybil attack, worm hole attack, false data injection and other security attacks. Data Aggregation plays an important contribution to improve the multicast communication in hierarchical sensor network. Although data aggregation is very useful, it could cause some security problems because a compromised data aggregator may inject false data during data aggregation. When data aggregation is allowed, the false data detection technique should determine correctly whether any data alteration is due to data aggregation or false data injection. Further, existence of these attacks in data aggregation process has severe effect on the aggregated value which may lead to wrong information the base station or end user. Detection of these attacks and to minimize the loss due to these attacks is one of the major challenges in sensor networks. A combined data aggregation and false data detection technique should be there to ensure that data are altered by data aggregation only.

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

(21) Application No.201611000919 A

(19) INDIA

(22) Date of filing of Application :11/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : AN INTEGRATED AUTOMATIC SYSTEM FOR FILTERATION OF AQUARIUM OR FISH TANK WATER AND FEEDING OF FISHES

(51) International classification	:C02F3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR.SAMANVAI CHATURVEDI
(32) Priority Date	:NA	Address of Applicant :E-75, MANGOL PURI, NEW DELHI-
(33) Name of priority country	:NA	110083 Delhi India
(86) International Application No	:NA	2)MR.RAJENDRA PANDEY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.SAMANVAI CHATURVEDI
(61) Patent of Addition to Application Number	:NA	2)MR.RAJENDRA PANDEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An integrated automatic system for filtration of aquarium or fish tank water and feeding of fishes have to be placed over (rest on the top)an Aquarium or Fish tank. It consists of programmed microcomputer with battery backupwhich automatically controls different parts and components for filtration, oxygenation, feeding of fishes and aquarium or fish tank light and grow light, and keypad to start the system. This integrated system contains a large filter with plants (terrestrial or aquatic) which filter aquarium or fish tank water. It has feeding mechanism which feed the fishes on specified time, and has waterfall feature for natural oxygenation of water.

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

(22) Date of filing of Application :12/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: CHILLER SELECTION OPTIMIZATION FOR ENERGY EFFICIENCY

(51) International classification :F25B49/0 (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)DR.JYOTIRMAY MATHUR Address of Applicant: MECHANICAL ENGINEERING DEPARTMENT, CENTRE FOR ENERGY & ENVIRONMENT, MALVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR, RAJASTHAN-302017 Rajasthan India 2)VISHAL GARG 3)VENKATA SAI NIKHIL 4)AVIRUCH BHATIA (72)Name of Inventor: 1)DR.JYOTIRMAY MATHUR 2)VISHAL GARG 3)VENKATA SAI NIKHIL 4)AVIRUCH BHATIA
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(57) Abstract:

Chiller combination selection is optimized using the combinations of chillers where load sum up to required building load. Chiller combination is evaluated for a given building load which is based on the minimum energy consumption operating sequence and also on the annual energy consumption of each combination with minimum energy consumption or Life cycle cost. Solution approach consists of two phrases which includes phase 1 for calculation of the combinations for peak design cooling load and phase 2 for calculating the minimum power consumption for each combination selected in phase 1. Modified Coin Change algorithm is used to compute all the combinations. Modified Knapsack Algorithm is used in Phase 2 to find the sequence which consumes minimum energy. Optimization of the chiller combination includes approximation of the chiller capacity to nearest 10 multiple where the groups multiple chillers to the same - capacity.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :06/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: GREEN ENERGY GENERATION FROM SPEED BREAKERS.

(51) International classification	:F03G7/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANAND KUMAR PANDAY
(32) Priority Date	:NA	Address of Applicant :VILL-PATARKHAS.POST-
(33) Name of priority country	:NA	BHELARA TAHSHEEL-KADIPUR.SULTANPUR,PIN-
(86) International Application No	:NA	222101(U.P) Uttar Pradesh India
Filing Date	:NA	2)RAKESH SINGLA
(87) International Publication No	: NA	3)SHAILESH MANI PANDEY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANAND KUMAR PANDAY
(62) Divisional to Application Number	:NA	2)RAKESH SINGLA
Filing Date	:NA	3)SHAILESH MANI PANDEY

(57) Abstract:

In this project we are using a double sided rack and pinion arrangement to generate energy shown in fig 1. Rack and pinion arrangement is a mechanism which is used to convert the reciprocating motion to rotary motion.whenever a vehicle will pass over the breaker it will push it down. So rack will move downward and will rotate the gears . A gear train is used to increase the speed ratio at shaft of generator . Then the springs will push the breaker upside to its initial position ,and again it will rotate the gears.

No. of Pages: 8 No. of Claims: 6

(21) Application No.201611000511 A

(19) INDIA

(22) Date of filing of Application :06/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: SMART 3D GLASS

(51) International classification	:G02B27/22	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAMMANA, Sankar Uma
(87) International Publication No	: NA	2)DHALIWAL, Jasbir Singh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for controlling a smart 3D glass. The method comprises obtaining data associated with a multimedia, a user, and a smart 3D glass and determining an alignment of the smart 3D glass with respect to a device displaying the multimedia. Further, the method comprises computing a blink rate of an eye of the user, a time elapsed after last eye blink, a stress on the eye of the user due to watching of the multimedia, and a time elapsed upon wearing the smart 3D glass based on image processing of eye tracking camera data. Furthermore, the method comprises switching a mode of the 3D glass.

No. of Pages: 21 No. of Claims: 19

(21) Application No.201611000512 A

(19) INDIA

(22) Date of filing of Application :06/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: DEFECT PREDICTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06F9/44, G06F11/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Limited Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor: 1)RAMAKRISHNAN, Dinesh Babu 2)SHANKAR, Venkatesh 3)BHAGAVATHIAMMAL, Padmajaya
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(57) Abstract:

Disclosed is a method and system for providing a defect template for software testing. The method comprising obtaining data associated with one or more test cases and one or more defects and mapping the one more test cases with the one or more defect cases based on the data. The method further comprises generating one or more defect templates based on the one or more defect cases. The method furthermore comprises receiving a new test case and providing a defect template from the one or more defect templates based on the mapping and the new test case. The method furthermore comprises updating a defect template library based on one or more user inputs for machine learning.

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

(22) Date of filing of Application :06/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING RELEVANT TEST CASES FOR SOFTWARE TESTING

(51) International classification	:G06F11/36	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHALINGAM, Jeyaprabu
(87) International Publication No	: NA	2)SIVANESAN, Arivukarasu
(61) Patent of Addition to Application Number	:NA	3)M, Hareendran
Filing Date	:NA	4)SURAPARAJU, Rajesh Babu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses system and method for identifying relevant test cases. The system 102 comprises receiving module 210, computing module 212, classifying module 214, updating module 216, generating module 218, and determining module 220. The receiving module 210 receives input matrix comprising plurality of test cases and plurality of methods. The computing module 212 computes occurrence percentage metric (OPM) and relevancy metric corresponding to each of the plurality of methods and each of the plurality of test cases respectively. The classifying module 214 classifies each method of the plurality of methods into at least one of a first matrix and a second matrix. The updating module 216 generates an updated second matrix by disassociating a subset of test cases. The generating module 218 generates final matrix by consolidating the first matrix and the updated second matrix. The determining module 220 determines relevant test cases based upon the consolidation.

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

(22) Date of filing of Application :06/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR AUTOMATICALLY GENERATING A PLURALITY OF TEST CASES FOR AN IT ENABLED APPLICATION

(51) International classification	:G06F9/44	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHAGAVATHIAMMAL, Padmajaya
(87) International Publication No	: NA	2)RENGARAJU, Logeswari
(61) Patent of Addition to Application Number	:NA	3)DEVARAJULU, Jaiganesh
Filing Date	:NA	4)M, Hareendran
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system for automatically generating a plurality of test cases for an IT enabled application. The system captures information including a plurality of labels, a plurality of test datasets and a plurality of actions performed by a user on each of a plurality of DOM elements. The system further analyzes the information in order to categorize the information into a plurality of parameters associated to each DOM element. The system further maps an action performed by the user, on a DOM element of the plurality of DOM elements, a label and a test dataset with the DOM element. The system further retrieves one or more keywords mapped to the label in a pre-configured keyword repository. The system further generates a test case based on the one or more keywords, the label, the test dataset and the action performed by the user on the DOM element.

No. of Pages: 23 No. of Claims: 9

(21) Application No.201611001237 A

(19) INDIA

(22) Date of filing of Application: 13/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention: MODERN DRIVERLESS METRO MODEL

(51) International classification	:B61L27/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANAND KUMAR PANDAY
(32) Priority Date	:NA	Address of Applicant :VILLAGEPATAR KHAS, POST-
(33) Name of priority country	:NA	BHELARA, TAHSHEEL-KADIPUR, DISTTSULTANPUR,
(86) International Application No	:NA	PIN-222101 (UP) Uttar Pradesh India
Filing Date	:NA	2)RAKESH SINGLA
(87) International Publication No	: NA	3)SAILESH MAIN PANDEY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANAND KUMAR PANDAY
(62) Divisional to Application Number	:NA	2)RAKESH SINGLA
Filing Date	:NA	3)SAILESH MANI PANDEY

(57) Abstract:

In this project we give the same model for driverless trains. We are using 8051 microcontroller which controls the rotation of motor. The speed of the train is controlled by the dc geared motor. This train is designed for five stations named station 1, station 2, station 3, station 4, station 5 etc. The train is programmed for specific path. Every station on the path is defined. It is also the buzzer system. The train is going to leave the station, operates buzzer. Liquid Crystal Display for showing different messages in the train for public. Stoppage time is 4 Sec and time between two stations is 7 sec. These trains are equipped with the CPU which control the train. Every station on the paths is predefined. After stopping at station the trains announce the stations name. The monitoring system of the station and door system operated by embedded C language programming , and DC geared motor operated by metro train forward and back and door closed and opened according to stations. The function of electronics circuit motor driver IC L293D is to amplify the weak signal received by DC motor . The amplification and filtering is done in multiple. We have use power supply +5V/500mA power supply for IC AT89S52,ULN 2003,APR 9600 and 12 volt for DC geared motor .

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

(21) Application No.201611001305 A

(19) INDIA

(22) Date of filing of Application: 13/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING CONCENTRATION LEVELS OF POLLUTANTS EMITTED FROM AN EMISSION SOURCE AND CONTROLLING THE EMISSION SOURCE

 (51) 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 :NA	(71)Name of Applicant: 1)GATTANI, Manoj Kumar Address of Applicant: POST OFFICE - HIMMATSAR (334802), DISTRICT - BIKANER, RAJASTHAN, INDIA Rajasthan India (72)Name of Inventor: 1)GATTANI, Manoj Kumar
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA : NA : NA : NA	1)GATTANI, Manoj Kumar 2)BANHATTI, Aniruddha Gopal
Filing Date	:NA	

(57) Abstract:

The present invention discloses a pollution controlling system adapted for measuring the concentration level of pollutants emitted from an emission source and controlling the emission source. The pollution controlling system comprises a pollutant measuring device having a plurality of sensors meant for measuring the concentration level of pollutants emitted by the emission source. The pollution controlling system further comprises a master panel unit for comparing and analyzing the concentration level data of pollutants with a predefined pollution limit range value. The pollution controlling system comprises a control unit for controlling the emission source when the compared data exceeds the predefined pollution limit range value. A method for measuring the concentration level of pollutants and controlling the emission source has also been disclosed

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

(22) Date of filing of Application: 14/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING POWER CONSUMPTION OF ONE OR MORE DEVICES

(51) International classification	:G08B1/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHANYAMRAJU, S U M Prasad
(87) International Publication No	: NA	2)MAURYA, Arvind Kumar
(61) Patent of Addition to Application Number	:NA	3)SULTANPURKAR, SriGanesh
Filing Date	:NA	4)LEBURI, Karthik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses system and method for optimizing power consumption of devices. The system 102 comprises monitoring module 210, generating module 212, matching module 214, determining module 216, and identifying module 218. The monitoring module 210 monitors a device comprising program code which further comprises power consuming functions. The generating module 212 generates plurality of power patterns corresponding to the power consuming functions. The matching module 214 matches the plurality of power patterns with per-stored plurality of power patterns to identify one or more power patterns having maximum peak value. The determining module 216 determines occurrence of the one or more power patterns for predefined time interval. The identifying module 218 identifies a power consuming function corresponding to a power pattern based on the occurrence. The generating module 212 generates recommendation for the power consuming function by suggesting changes in a code section of the power consuming function.

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

(22) Date of filing of Application :27/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : IMPROVED STONE CRYSTALLIZATION COMPOSITION CONTAINING NON METALLIC SILICOFLUORIDE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)MANISH YADAV Address of Applicant :H. NO659, SECTOR-10A,
(33) Name of priority country	:NA	GURGAON-122001, HARYANA Haryana India
(86) International Application No	:NA	2)VINAY YADAV
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)MANISH YADAV
(61) Patent of Addition to Application Number	:NA	2)VINAY YADAV
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a composition for the regular maintenance and polishing of stones containing calcium carbonates such as marble. The invention gives a new composition which produces a high degree of gloss on the marble and other calcium carbonate containing surfaces based on non metallic silicofluoride such as ammonium silicofluoride as a crystallizing agent and ammonium acetate as the gloss enhancer. Due to non presence of metallic ions in crystallization composition, the composition leaves no residue behind and therefore is a one step polishing composition for marble and similar surfaces.

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

(22) Date of filing of Application :27/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : MAGNETICALLY OPERATED HANDLE LOCK CUM IGNITION SWITCH FOR TWO & THREE WHEELED VEHICLES

(51) International classification	:E05F15/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANDHAR CENTRE FOR INNOVATION &
(32) Priority Date	:NA	DEVELOPMENT
(33) Name of priority country	:NA	Address of Applicant :3, HSIIDC INDUSTRIAL AREA,
(86) International Application No	:NA	SECTOR-18, GURGAON, HARYANA-122015 Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NAIK D.K
(61) Patent of Addition to Application Number	:NA	2)JAIN MAYANK
Filing Date	:NA	3)GANAPATHI V.G
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A magnetically operated handle lock cum ignition switch for two & three wheeled vehicles is an anti-theft device for selectively activating or I deactivating the vehicles electrical system and locking or unlocking the front I steering column by rotating the inner cylinder between different predefined angles with the help of a right corresponding key having the magnets embedded in the-key shank. The present invention combines the security features of magnetic shutter lock and the conventional disc tumbler cylinder lock without any extra effort that the user has to put in for opening & closing the conventional magnetic shutter lock.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :27/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : BROADCASTING OF SUBTITLES IN A SERVICE OR PROGRAM STREAM AND DECODING THEREOF

(51) International classification (31) Priority Document No	:H04N7/08 :NA	(71)Name of Applicant : 1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BANSAL, Banish
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses system(s) and method(s) for broadcasting of subtitles in a stream and decoding thereof. Descriptors corresponding to subtitles to be broadcasted are generated. The descriptors capture mapping of the subtitles with the user preferences and location of the user. The descriptors are embedded in PSI tables. A multiplexed stream of a video, an audio, the subtitles and PSI tables is broadcasted which is received by a user device. The user device compares device identifier information preconfigured in a memory of the user device with descriptor-specific identifier information present in the descriptors embedded in the PSI tables to identify a subtitle descriptor relevant to the user device. Finally, a subtitle corresponding to the subtitle descriptor identified as relevant is displayed on a screen of the user device.

No. of Pages: 31 No. of Claims: 14

(21) Application No.201611002977 A

(19) INDIA

(22) Date of filing of Application :27/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PLANT FOR GENERATING POWER •

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F02C6/16 :NA :NA :NA :NA	(71)Name of Applicant: 1)Vikrant Suri Address of Applicant:Rosedale, Village Ferozpur Bungar, P.O. Mullanpur, Teh. & Distt. Mohali, Punjab India Pin Code 140901 Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Vikrant Suri
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A plant to generate power (10) comprising of a heating assembly (12), a turbine assembly (14) and a cooling assembly (16), wherein the heating assembly (12) comprises at least one heating unit (20) connected to the turbine assembly (14), said turbine assembly (14) further 5 connected to the heating unit (20) via cooling assembly (16), wherein-further the turbine assembly (14) is placed at a higher elevation than the cooling assembly (16) which in turn is placed at a higher elevation than the heating assembly (12); - a working fluid travels from the heating assembly (12) to the turbine 10 assembly (14) for generating power and then back to the heating assembly via the cooling assembly (16) in a closed loop system, wherein the movement of the working fluid is achieved by creating a temperature-pressure gradient in the plant (10).

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

(21) Application No.201611001790 A

(19) INDIA

(22) Date of filing of Application: 18/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention : ANTI-COUNTERFEIT CLOSURES WITH HOLOGRAPHIC AND NON HOLOGRAPHIC MICRO STRUCTURES

(51) International classification	:A61J1/03	(71)Name of Applicant:
(31) Priority Document No	:NA	1)UPASANA KAPOOR
(32) Priority Date	:NA	Address of Applicant :B-187, Sarita Vihar, New Delhi
(33) Name of priority country	:NA	110076, India Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)UPASANA KAPOOR
(87) 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:

Anti-counterfeit security closure with holographic and/or non-holographic micro structures embossed therein is disclosed. More particularly the invention discloses anti-counterfeit security closures in the form of cap with holographic and/or non-holographic micro structures embossed therein which are used for bottle and bottle like containers where caps are used for secure sealing of the containers containing valuable goods. The invention provides an anti-counterfeit security cap for bottle.

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

(21) Application No.201611002211 A

(19) INDIA

(22) Date of filing of Application :21/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: STEALTH

 (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 :NA	(71)Name of Applicant: 1)FIROZ AHMED BAKHSHI Address of Applicant: B-25, STREET NO3, JOYTI COLONY, LONI ROAD, SHAHDARA, DELHI-110032 Delhi 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)FIROZ AHMED BAKHSHI

(57) Abstract:

The present invention discloses a pollution controlling system adapted for measuring the concentration level of pollutants emitted from an emission source and controlling the emission source. The pollution controlling system comprises a pollutant measuring device having a plurality of sensors meant for measuring the concentration level of pollutants emitted by the emission source. The pollution controlling system further comprises a master panel unit for comparing and analyzing the concentration level data of pollutants with a predefined pollution limit range value. The pollution controlling system comprises a control unit for controlling the emission source when the compared data exceeds the predefined pollution limit range value. A method for measuring the concentration level of pollutants and controlling the emission source has also been disclosed.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :21/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: SMART VENTILATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)POWER GRID CORPORATION OF INDIA LTD. Address of Applicant: B-9 QUTAB INSTITUTIONAL AREA KATWARIA SARAI,NEW DELHI-16 Delhi India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)DR.SUBIR SEN
(87) International Publication No	: NA	2)HEMENDRA AGRAWAL
(61) Patent of Addition to Application Number	:NA	3)DR.RAJESH KUMAR PANDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a typical commercial/residential building around 60% energy is used for heating, ventilation and air conditioning (HVAC) system. Where, the role of user in controlling its own atmosphere is minimal. Further, these HVAC system is mostly operated in isolated manner, i.e., operation of each unit is taken care individually. Recognising the potential of energy efficiency improvement through participation of users, an innovative ventilation system is developed and validated by extensive simulation with lab scale experiments and field testing. The invented system take care holistic operation of the entire ventilation system through a robust control mechanism that considers the occupants demand as input signal, and accordingly controls the fan speed with variable frequency driver (VFD) and delivery of air to occupant by a modulating type actuator. A novel damper system is designed and developed that ensures optimal use and uniform distribution of conditioned air in the occupants zone. The invented system can be seamlessly retrofit to an existing and to newly constructed ventilation system. The invention has a potential to offer more than 25% energy efficiency with marginal deployment cost.

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

(22) Date of filing of Application :22/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR SAFETY MODE ACTIVATION IN A MISSION CRITICAL ENVIRONMENT

(51) International classification	:G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUBRAMANIAM, Mahesh
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to system(s) and method(s) for activating a safety mode in a mission critical environment. The system is configured to receive a data packet and an image pattern corresponding to the data packet from a transmitter device in a mission critical environment. In one embodiment the image pattern is generated based on a user manipulated variable and a set of data attributes associated with the data packet. Further, the system is configured to extract the user manipulated variable and the set of data attributes from the image pattern and compute a weighted sum, of the user manipulated variable and at least one data attribute of the set of data attributes associated with the data packet. Further, the system is configured to activate a safety mode if the weighted sum is deviated from the weight, in a predefined weighted sequence, corresponding to the data packet.

No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :22/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR COMPUTING A CRITICALITY METRIC OF A UNIT OF SOURCE CODE

(51) International classification	:G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURAPARAJU, Rajesh Babu
(87) International Publication No	: NA	2)KALAISELVAN, Lavanya
(61) Patent of Addition to Application Number	:NA	3)BRAHMANAYAGAM, Priyadharshini
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses system 102 and method for computing criticality metric of a unit of source code in software program. The system 102 comprises determining module 210, applying module 212, and computing module 214. The determining module 210 determines a logical criticality of the unit of source code, based on one or more factors associated with the unit of source code, by using a natural language processing (NLP) algorithm. Further, the applying module 212 may apply a Bayesian network model on plurality of parameters, including the logical criticality, in order to assign weight to each of the plurality of parameters, and to determine level of dependency between each parameter and at least one other parameter of the plurality of parameters. Further, the computing module 214 computes a criticality metric of the unit of source code based on the weight and the level of dependency associated to each parameter.

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

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : DEVELOPMENT AND CHARACTERIZATION OF SELF HEALING AND ANTIBACTERIAL DENTAL MATERIAL

(57) Abstract:

This invention relates to the fabrication and characterization of Novel dental material filled with nano hydroxyapatite, nanosilica, nanozirconia and nanoalumina filler. Nanofillers are added in the new formulation of dental material which leads to the development of ;healing and antibacterial characteristics along with better physical, mechanical and tribological properties. The healing, fracture and wear properties are also tested in different working environment.

No. of Pages: 12 No. of Claims: 8

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : DRY SLIDING WEAR ASSESSMENT OF NICKEL METAL POWDER REINFORCED ALUMINIUM ALLOY COMPOSITES FOR GEAR APPLICATIONS

(51) International classification		(71)Name of Applicant:
	C22C1/00	1)Prof.I.K.BHAT
(31) Priority Document No	:NA	Address of Applicant :MECHANICAL ENGINEERING
(32) Priority Date	:NA	DEPARTMENT, MALAVIYA NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, JAIPUR, RAJASTHAN-302017 (INDIA)
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	2)DR.AMAR PATNAIK
(87) International Publication No	: NA	3)ASHIWANI KUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF.I.K.BHAT
(62) Divisional to Application Number	:NA	2)DR.AMAR PATNAIK
Filing Date	:NA	3)ASHIWANI KUMAR

(57) Abstract:

The development of Nickel metal powder reinforced aluminum alloy composites for gear applications. Dry sliding wear test is carried out on proposed Nickel metal powder reinforced aluminum alloy composites using multi specimen tester. The reinforced aluminum alloy composite material is tested and the results for wear resistance are obtained as sliding wear rate for operating parameters such as sliding velocity, sliding distance and load. Proper mixing of Nickel metal powder in base matrix enhances mechanical and wear properties of aluminum alloy improved significantly. The invention also helps gear manufacturer in terms of development of low cost material for gear.

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

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : SLURRY EROSION WEAR ASSESSMENT OF MARBLE DUST POWDER REINFORCED ALUMINIUM ALLOY COMPOSITES HYDRAULIC TURBINE BLADE

(51) International classification :B24D18/00 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)PROF. I.K.BHAT Address of Applicant:MECHANICAL ENGINEERING DEPARTMENT, MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR, RAJASTHAN-302017 (INDIA) Rajasthan India 2)DR.AMAR PATNAIK 3)VIKASH GAUTAM (72)Name of Inventor: 1)PROF. I.K.BHAT 2)DR. AMAR PATNAIK 3)VIKASH GAUTAM
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(57) Abstract:

This invention is the fabrication of marble powder reinforced aluminum alloy composites using stir casting technique. Slurry erosion test is performed on fabricate composites and the results for wear resistance-are obtained as erosion rate for operating parameters such as impact velocity, impingement angle slurry concentration and particle size. The invention helps stone industries to minimize the issue of dumping marble waste. The invention also helps hydraulic turbine manufacturer in terms of development of low cost material for turbine blade.

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

(21) Application No.201611002652 A

(19) INDIA

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM FOR DELIVERING NEWS TOPICS TO A USER DEVICE

(51) International classification	:G06Q40/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vikas GOYAL
(32) Priority Date	:NA	Address of Applicant :B 229, First Floor, Lok Vihar,
(33) Name of priority country	:NA	Pitampura, New Delhi -110034 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vikas GOYAL
(87) 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, method and a computer readable medium for delivering personalised news topics to a user device 102 is provided. The system 100 includes a server computer 106. The server computer 106 is configured to identifying a location of the user device 102. Further, the server computer 106 filters news from a news database 110 based on the identified location. Thereafter, the server computer 106 delivers the filtered news to the user device 102.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :08/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: A TAMPER PROOF ELECTRONIC ENERGY METER.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G08B13/08 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JAY AUTO COMPONENTS LIMITED Address of Applicant: GI-48, GT KARNAL ROAD, INDUSTRIAL AREA DELHI, PIN-110033, INDIA Delhi India (72)Name of Inventor: 1)RAJESH SINGH 2)ARUN KUMAR SHARMA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)ARUN KUMAR SHARMA 3)ISHWAR SINGH

(57) Abstract:

The present subject matter relates to a tamper-proof electronic energy meter for measuring and displaying electrical energy carried on power lines. The electronic energy meter includes an energy meter base comprising two side walls, a top wall along with a rear wall resulting into a three sided envelop with front side and bottom side open. The electronic energy meter is also provided with a printed circuit board .assembly fixed within the energy meter base, a nameplate mounted on the printed circuit board assembly, and a cylindrical meter cover shaped to encompass the printed circuit board assembly and the nameplate to get ultrasonically welded to the energy meter base thereby closing the front side of the energy meter base. The cylindrical meter cover is sealed to the terminal cover assembly by a latch mechanism and a stopper. The electronic energy meter, in accordance with the present subject matter, is provided with a terminal cover assembly secured from the bottom of the energy meter cover wherein the terminal cover assembly comprises of a terminal cover movable in a cam and follower mechanism.

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

(22) Date of filing of Application :08/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : A CONTROLLED METHOD FOR RECOVERING HEAT AND GENERATING AIR CONDITIONING EFFECT

(51) International classification	:F01K23/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NTPC Ltd.
(32) Priority Date	:NA	Address of Applicant :NTPC Bhawan, SCOPE Complex, 7,
(33) Name of priority country	:NA	Institutional Area, Lodi Road, New Delhi 110 003, India Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SALUJA, Harmeet, Singh
(61) Patent of Addition to Application Number	:NA	2)GUPTA, Dinesh
Filing Date	:NA	3)PUNDIR, Shish, Pal, Singh
(62) Divisional to Application Number	:NA	4)SHANKAR, Ravi
Filing Date	:NA	5)THETHI, Harjeet Singh

(57) Abstract:

The present invention provides a method for recovering heat and generating a cooling effect. The method comprising the steps of: receiving, by a heat exchanger system, a flue gas produced in a slip stream duct using one or more variable frequency drive (VFD) fan; extracting, by using the heat exchanger system deployed in slip stream, heat from the flue gas from the slip stream duct, and thereby generating hot fluid at a desired temperature, by passing a cooling fluid through said heat extracted from said flue gas. The method further comprises the steps of receiving, by using a vapor absorption system, the hot fluid generated by the heat exchanger system and thereby absorbing the heat from the hot fluid to generate a chilled fluid at a desired temperature for producing a cooling effect.

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

(21) Application No.2847/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SWITCH FOR A 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)MINDARIKA PRIVATE LIMITED Address of Applicant: Vill Nawada Fatehpur, PO Sikanderpur Badda, IMT Manesar, Gurgaon-122004, National Capital Region- India Haryana India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)ARUN KUMAR ARORA
(61) Patent of Addition to Application Number	:NA	2)MANOJ KUMAR JINDAL
Filing Date (62) Divisional to Application Number	:NA :NA	3)HARKIRAT SINGH
Filing Date	:NA	

(57) Abstract:

A circuit for a switch based on hall effect sensors which reduces the quiescent power drained by the circuit from an automotive battery, without compromising the switching point accuracy. The circuit having a first hall effect sensor and a second hall effect sensor, where the first hall effect sensor provides an output to engage or disengage the second hall effect sensor from the circuit when first hall effect sensor is exposed to a magnetic field. The quiescent current drawn by the first hall effect sensor is less than the quiescent current drawn by the second hall effect sensor is greater than that of the first hall effect sensor.

No. of Pages: 33 No. of Claims: 15

(21) Application No.201611001448 A

(19) INDIA

(22) Date of filing of Application :14/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: MEASURING MULTIMEDIA IMPACT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06Q30/00 :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Limited Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)DHALIWAL, Jasbir Singh 2)TAMMANA, Sankar Uma
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for determining an impact of a multimedia on a user watching the multimedia. The method comprises obtaining data associated with a smart glass, a user, and a multimedia and detecting if the user is watching the multimedia based on image processing of the eye tracking camera data. The method further comprises computing an actual impact of the multimedia on the user watching the multimedia based on image processing of the eye tracking camera data and the detection and generating a variance based on a comparison of the actual impact of the multimedia on the user and an expected impact of the multimedia on the user. Further, the actual impact and expected impact is one of an emotional impact and a psychological impact.

No. of Pages: 22 No. of Claims: 27

(22) Date of filing of Application :15/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL SHADE TOLERANT MAXIMUM POWER POINT TRACKING METHOD FOR PV PANELS

		(71)Name of Applicant :
(51) International classification	:H02J1/00	1)MR.M.ASLAM HUSAIN
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL
(32) Priority Date	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(33) Name of priority country	:NA	ALIGARH-202002, U.P., INDIA Uttar Pradesh India
(86) International Application No	:NA	2)MR.ABHINANDAN JAIN
Filing Date	:NA	3)DR.ABU TARIQ
(87) International Publication No	: NA	4)DR.SALMAN HAMEED
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR.M.ASLAM HUSAIN
(62) Divisional to Application Number	:NA	2)MR.ABHINANDAN JAIN
Filing Date	:NA	3)DR.ABU TARIQ
		4)DR.SALMAN HAMEED

(57) Abstract:

We, claim that the invented Fast Mutable Duty algorithm shall track Maximum Power Point at a faster speed in no shading conditions with respect to Perturb and Observe algorithm.

No. of Pages: 17 No. of Claims: 8

(21) Application No.201611001529 A

(19) INDIA

(22) Date of filing of Application :15/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR ENABLING A SERVICE ACCESS ACROSS MOBILE DEVICE IN A TELECOMMUNICATION NETWORK

(51) International classification	·H04W4/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
(33) Name of priority country	:NA	122001, Haryana, India Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAIN, Manish Kumar
(87) International Publication No	: NA	2)RABRA, Arun
(61) Patent of Addition to Application Number	:NA	2 /101 2 (1) 11 (11
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention describes a method and system (200) for enabling a service-access across different mobile devices in a telecommunication network. The system (200) is configured to: create a profile of a subscriber-user based on a request received from a device, receive another request from at least one other device to access said created profile, and based on authenticating said other device, authorize said other device towards availing at least one telecommunication-network related service in accordance with said profile.

No. of Pages: 34 No. of Claims: 16

(21) Application No.201611001572 A

(19) INDIA

(22) Date of filing of Application :15/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: REAL-TIME NAVIGATION ASSISTANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08G1/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Limited Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor: 1)DHALIWAL, Jasbir Singh
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A wearable device for providing real-time navigation assistance to a rider is disclosed. The wearable device comprises a Global Positioning System (GPS) sensor, a projector device, a 2D camera, and a data processing platform. The data processing platform is configured to determine a path from a set of paths that is followed by the rider. Further, the data processing platform is configured to fetch a set of adverse road conditions, associated with the path followed by the rider, from a remote database. Furthermore, the data processing platform is configured to execute programmed instructions stored in the memory to generate at least one of an audio alert or a visual alert corresponding to an adverse road condition.

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :24/07/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND DEVICE FOR CONTROLLING/AUTOMATING ELECTRONIC APPLIANCES AND SAFETY OF PREMISES

(51) International classification	:H04B3/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Kumar Nishant
(32) Priority Date	:NA	Address of Applicant :S/o Raj Kumar Prasad, 166-A, Gauri
(33) Name of priority country	:NA	Marg, Ganesh Nagar Vistaar Kardhani, Kalwar Road Jaipur-
(86) International Application No	:NA	302012 (Rajasthan) India Rajasthan India
Filing Date	:NA	2)Nirmala Kunwar
(87) International Publication No	: NA	3)Ritika Dhyawala
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kumar Nishant
(62) Divisional to Application Number	:NA	2)Nirmala Kunwar
Filing Date	:NA	3)Ritika Dhyawala

(57) Abstract:

Present invention relates to a system and a device for controlling and automating electronic/electrical appliances, by an application on an electronic device, particularly computing electronic devices. The device comprises of features like controlling and automating electrical appliances placed in a closed space for example, commercial or residential space. The present device id for monitoring premise safety, energy usage and electrical appliances, wherein said device comprising: at least one switchboard unit connected to electrical appliances in a vicinity, a sensor unit; wherein said sensor unit is wirelessly capable of exchanging information from the switch board.

No. of Pages: 16 No. of Claims: 12

(22) Date of filing of Application :25/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : A SYSTEM AND A METHOD FOR PROMOTING AN ELECTRONIC COMMERCE PLATFORM AND FACILITATING REWARDS

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Arpit Sharma
(32) Priority Date	:NA	Address of Applicant :38/3, B.M. Compund, G.T.Road,
(33) Name of priority country	:NA	Opposite PNB, Ghaziabad Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Arpit Sharma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system and method for promoting an electronic commerce platform through a digital media platform by a customer, and further facilitating rewards to user connected to the customer on the digital media platform. The system includes a database, anda processing unit coupled with the database. The processing unit includes a payment module, a selection module, a notification module, and a redeem module. The payment module enables the customer to purchase product from the electronic commerce platform. The selection module enables the customer to select the user forgenerating one or more pre-defined rewardupon receiving the payment instructions. The notification module integrated with the digital media platform to notify information related to the pre-defined reward to the selected users. The redeem module enable the user to redeem the first pre-defined reward on purchasing products from the electronic commerce platform.

No. of Pages: 0 No. of Claims: 10

(21) Application No.201617001159 A

(19) INDIA

(22) Date of filing of Application :12/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: RAIL FOR CRANE BOOM HINGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B66C7/08,E01B19/00,E01B5/08 :13176372.4 :12/07/2013 :EPO	(71)Name of Applicant: 1)HF HOLDING SA Address of Applicant:Rue du Commerce 19 B 1400 Nivelles Belgium
(86) International Application No Filing Date	:PCT/EP2014/064654 :08/07/2014	(72)Name of Inventor: 1)AWI ABALO Bolom 2)LENS Michel
(87) International Publication No	:WO 2015/004160	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Rail (10 30) for use at boom hinges (5) of a crane (1) extending longitudinally from one end (11) to an opposite end (12) comprising a rail head (13 33) having a running surface (131) for a wheel of a railway vehicle a rail foot (14 18 38) for fastening the rail and a web (15) connecting the rail head to the rail foot and interposed between the rail head and the rail foot wherein the rail head is continuous along the length of the rail. The rail comprises a resilient member (16 36) extending across the web (15) from the one end (11) of the rail over a length shorter than the length of the rail in order to provide a resiliency of the rail head (13 33) relative to the rail foot (18 38) over a length of extension of the resilient member.

No. of Pages: 29 No. of Claims: 15

(21) Application No.201621001505 A

(19) INDIA

(22) Date of filing of Application :15/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: MINIATURE OFF TIMER MICRO CONTROLLER BASED ELECTRICAL SWITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	7/00 :NA :NA :NA	(71)Name of Applicant: 1)SUNEET HASMUKHLAL DOSHI Address of Applicant: 2/71, UMASHANKAR SOCIETY, BEHIND MAHESH SOCIETY, BIBWEWADI, PUNE-411 037, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)SUNEET HASMUKHLAL DOSHI

(57) Abstract:

turns OFF the power to the load in the range of 5 watts to 3700 watts at a time pre-determined by the user in the range of one minute to twenty four hours and saves the event in a non-volatile memory in order to work in conjunction with the intermittent grid failures if any. The OFF timer switch is sized to fit in the regular switch board slot meant for the regular sized switches without the need for any modification or additional boards for fitment and visually appears like a regular dimmer or a switch sized stepped fan regulator. (fig-3)

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

(22) Date of filing of Application: 15/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention : WALK-IN TYPE COLD CHAMBER WITH POWERLESS TEMPERATURE BACKUP FOR RANGE 0 0C TO 8 0C.

(54) }	T1 (Y70 /0 /	
(51) International classification	:F16K3/24	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SEEPRA REFRIGERATION PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO-H-2/8, MIDC, AMBAD
(33) Name of priority country	:NA	NASHIK-422010, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRAMOD BAMBARDEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Present invention is a Walk-In Cold Chamber consisting of PUF Sandwich Panels with incorporated PCM (Phase Change Material) with Heat Releasing property to maintain constant temperature after achieving the desired temperature in Cold Chamber without continuous refrigeration using electricity, DG Set or other source of fuel. This Invention gives temperature backup even after shutting off the power supply of refrigerating unit up to 6 to 8 hours in the range of 0°C to 8°C constantly. Walk-In Cold Chamber is useful to those users who do not have continuous supply of electricity and less amount of investment to run the cold chamber. This Invention saves electricity, fuel and time for installation on different locations for reuse. This Walk-In Cold Chamber is easy to install and easy to dismantle. This invention is helpful to all the products whose refrigerating storage temperature requirement is from 0°C to 8°C. This Invention is useful for domestic and industrial use.

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

(21) Application No.201621001530 A

(19) INDIA

(22) Date of filing of Application :15/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: SHANTILEXMULCH-BLACK SILVER FILM.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G03F 7/32 :NA :NA :NA	(71)Name of Applicant: 1)MR. VIJAY SHANTILAL GUNDECHA Address of Applicant: 3046, SHANTILEX, PARSHWANATH MARG, BARSHI, DIST-SOLAPUR-413401, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. VIJAY SHANTILAL GUNDECHA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Invention is aimed to give protection to the plants from the harmful Ultra Violet Sunrays. It also increases the production quality, quantity of the plants. Invention gives multiple advantages upto 50 with helpful recurring results. It increases the soil properties and saves water for irrigation too. It will help general farmers to invest minimum amount of money for their irrigation need compare to current irrigation systems like drip pvc or sprinkler pvc irrigation.

No. of Pages: 9 No. of Claims: 7

(21) Application No.201621001681 A

(19) INDIA

(22) Date of filing of Application: 18/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention: WEIGHT ACTUATED LEVER OPERATED INTEGRATED HAND WASHING+SOAP SYSTEM.

(51) International classification		(71)Name of Applicant:
	51/00	1)CHINMAY JOSHI
(31) Priority Document No	:NA	Address of Applicant :SHREE LEELA, A-10, PCMC
(32) Priority Date	:NA	OFFICERS HSG. SOC., SEC- 26, PRADHIKARAN, NIGDI,
(33) Name of priority country	:NA	PUNE-411044, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	2)CHINMAY APHALE
Filing Date	:NA	3)SHRINIVAS JORAPUR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)CHINMAY JOSHI
Filing Date	:NA	2)CHINMAY APHALE
(62) Divisional to Application Number	:NA	3)SHRINIVAS JORAPUR
Filing Date	:NA	
		1

(57) Abstract:

Many a times it is observed that in public washrooms the taps are leaking or left open by citizens. The conventional taps leak due to worn out threads of tap knob due to excessive use. Also, the alternative types of taps including sensor actuated or push button faucet type tap are too costly and the flow rate of water cannot be properly controlled. Water conservation has become really important in recent times, looking at the global climatic change and the scarcity of water that it is causing. It was also observed that the soap system available in public washrooms is not user healthy as it is handled by various people including those infected by a number of diseases which might harm other people. Therefore we designed a system in which opening and closing of taps without physically touching any knob by hand is possible, which is actuated using weight of target user. This system facilitates optimum usage of water and works on weight actuated fulcrum lever mechanism whose LHS supports a stepping pad which when stepped over by target user shifts the RHS of lever into up position. Another link is connected to main link using hinged joint whose other end is connected to hammerhead present in Choke Valve(CV) connected to water pipeline which reciprocates within guideway provided, thereby blocking and unblocking flow of water, ie turning off and on the tap of proposed system. There is also provision of balancing weight on RHS of main lever which will shift RHS to down position which will in turn shift hammer head into down position thereby blocking the flow of water and turning off tap automatically after weight on stepping pad is removed, ie after target user has finished the process of washing hands. The proposed system also consists of a Handwash Soap System(HSS)in which on pressing the push button plunger present on stepping pad, hydraulic pressure is built up in pipeline to Tee joint which forces the liquid soap towards injector nozzle and injects it into main water pipeline which gets mixed with the flowing water and the target user receives a mixture of soap + water at outlet. Due to plunger system, a fixed(necessary) amount of liquid soap will be injected, which will reduce its wastage and avoid spreading of infections as the process doesn't involve hands for actuation. The overall integrated system is robust and cost efficient as it includes pure mechanical concepts and linkages and also reduces net time required for process of washing hands.

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

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: TISSUE/VESSEL SEALER AND/OR CUTTER WITH VARIABLE SHAPES OF JAW ASSEMBLY WITH PARTIAL DLC COATING

(51) International classification		(71)Name of Applicant:
	3/06	1)K-NINE WRITING SYSTEMS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :UNIT NO. 101, 102, 103, 301/302,
(32) Priority Date	:NA	SUNFLOWER BUILDING, SHIVNERI MARG, AMBEDKAR
(33) Name of priority country	:NA	CHOWK, OFF GOREGAON-MULUND LINK ROAD,
(86) International Application No	:NA	GOREGAON EAST, MUMBAI 400063, MAHARASHTRA,
Filing Date	:NA	INDIA. Maharashtra India
(87) International Publication No	: NA	2)DR. UDDHAVRAJ DUDHEDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAH S. DIPEN
(62) Divisional to Application Number	:NA	2)DR. DUDHEDIA, UDDHAVRAJ
Filing Date	:NA	3)WALDE, SANDEEP

(57) Abstract:

A surgical instrument having vessel/tissue sealer and/or cutter jaws are described designed with variety of shapes and more safer jaws. Optional ceramic insert, partial DLC coating on the substantially back portion and TiN coating is a combination in the jaw assembly which increases its safety, performance and reusability compared to other existing jaws.

No. of Pages: 70 No. of Claims: 26

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYNTHESIS OF 2-CYCLOHEXYLCARBONYL-4-OXO-1,2,3,6,7,11B- HEXAHYDRO-4H-PYRAZINO[2,1-A] ISOQUINOLINE AND INTERMEDIATES THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)GOSWAMI-GIRI, Anita Sachinkumar Address of Applicant: Department of Chemistry, B. N. Bandodkar College of Science, Thane (w) 400601, Mumbai,
(86) International Application No	:NA	Maharashtra, India. Maharashtra India
Filing Date	:NA	2)DHAWLE, Pranaya Prasad
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DHAWLE, Pranaya Prasad
Filing Date	:NA	2)GOSWAMI-GIRI, Anita Sachinkumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a process for preparation of praziquantel of formula I, wherein the process can include the steps of (a) reacting benzyl amine with 2-chloro-N-phenethylacetamide of formula VI to obtain 2-(benzylamino)-N-phenethylacetamide of formula V; (b) reacting 2-(benzylamino)-N-phenethylacetamide of formula V with haloacetaldehyde dimethylacetal to obtain 2-[(2,2-dimethoxyethyl)benzyl amino]-N-phenethylacetamide of formula IV; (c) reducing 2-[(2,2-dimethoxyethyl)benzyl amino]-N-phenethylacetamide of formula III; (d) cyclizing 2-(2,2-dimethoxyethylamino)-N-phenethylacetamide of formula III in presence of an acid to obtain 4-oxo-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1-a]isoquinoline of formula II; and (e) acylating 4-oxo-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1-a]isoquinoline of formula II with cyclohexanecarbonyl chloride to obtain praziquantel of formula I.

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

(22) Date of filing of Application :25/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: A SYSTEM, AN APPARATUS AND A METHOD FOR DETECTION OF ARCING FAULTS

(51) International classification(31) Priority Document No(32) Priority Date	:H02H3/00 :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	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PURANDARE, Kedar, Ravindra
(61) Patent of Addition to Application Number	:NA	2)TANDON, Swati
Filing Date	:NA	3)MANAF
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a system, apparatus and method to detect and indicate series arc fault events in current supplied by an electrical power source to an electrical load in the power line. The system comprising an analog processing module and an ARC detection module. The analog processing module configured to receive an current signal as an input signal, and detect maximum peak amplitude for every positive and negative half cycle of said current signal and the ARC detection module configure to receive output from the analog processing module, measure maximum peak amplitude for every positive and negative half cycle depending upon a ZCD pulse, determine variation in successive peak for every positive and negative half cycle and thereby detecting said series arc fault events if the variation exceeds a first threshold for a predefined number of cycles depending upon a second threshold.

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

(22) Date of filing of Application :28/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: VEHICLE POLYVALENT INDICATORS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04N7/08 :NA :NA :NA	(71)Name of Applicant: 1)UMARWALA MUKESHCHANDRA GAMANLAL Address of Applicant: 101,SAIVAIBHAV APT.,KHANDAKUWA, MORABHAGAL, RANDER ROAD,
(86) International Application No	:NA	SURAT 395 005 GUJARAT Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)UMARWALA MUKESHCHANDRA GAMANLAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vehicle polyvalent indicators relates to novel and useful invention that in addition to increase road safety while driving the motor vehicles. It provides an integrated communicating/ interacting vehicle lighting system and is designated to operate in combination with proposed and vehicle existing conventional elements in conjugation with vehicle electronic light control communication circuit, which consists a set of plural multicolor light emitting source (LED) banks/ bulbs, connected in parallel- series, mounted on both and opposite sides on front, middle and tail of each type of motor vehicle. The Vehicle polyvalent indicators provides polyvalent indicators including Pass and Wait indicators that lead vehicle (driver) gives CLEAR SIGNAL, aware/ alert and communicates particularly to the following vehicle (driver) behind, to allow it to PASS in a safe manner OR as well to WAIT and also aware/ alerts and communicates other vehicles (drivers) and nearby pedestrians, without spoiling the decency and look of the vehicle.

No. of Pages: 37 No. of Claims: 16

(21) Application No.201621001943 A

(19) INDIA

(22) Date of filing of Application: 19/01/2016 (43) Publication Date: 12/02/2016

(54) Title of the invention: KEY TRACKER USING GPS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	4/02 :NA :NA :NA :NA	(71)Name of Applicant: 1)ARCHANA JADHAV Address of Applicant: A2, 202, RHYTHM, WAKAD, PUNE- 411057, INDIA Maharashtra India 2)PRAJAKTA WAGHERE 3)PRAJAKTA KOLBHOR
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	(72)Name of Inventor: 1)ARCHANA JADHAV 2)PRAJAKTA WAGHERE 3)PRAJAKTA KALBHOR

(57) Abstract:

We have an existing system where we have a keychain which can be attached to keys. Many such devices can be connected to the mobile app simultaneously. But the major disadvantage of existing system is, it uses the replaceable battery after some time-these batteries are to be replaced. And the keychain can also be detached or damaged so avoid this we are embedding this system into key itself with few differences the major advantage of our invention is we are using the solar energy for operating the WSN node and the buzzer. As the device is fully integrated there are less chances of damage. In this particular invention we can track the key using the GPS location; the key is connected with the mobile application wherein if the key is lost then the mobile shows the location and also provide a button which rings the key.

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

(22) Date of filing of Application :20/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: GENERATING ELECTRICITY BY GRAVITATION ENGINE.

(51) International classification	·E02P17/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BELSARE DILIP SHRIKRISHNA
(32) Priority Date	:NA	Address of Applicant :D-9, KASTURBA HSG. SOCIETY,
(33) Name of priority country	:NA	VISHRANTWADI, PUNE-411 015, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BELSARE DILIP SHRIKRISHNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Gravitation engine is used to generate electricity from stored gravitational energy in the form of hydraulic pressure in CHPT (constant high pressure tanks) please see drawing. Gravitational Energy is a form of renewable energy. The generation of electricity by this invention does not produce any pollution as produced by fossil fuels. Constant high pressure tank is designed in such a way that it supplies water at constant high pressure till water in the tank finishes. In this invention water from irrigation dam under gravity is used to run the process of generating high pressure in water automatically and it is stored in CHPT 1. Water in the dam under gravity is converted in to water under very high pressure and it is stored in CHPT and it is used to run Pelton wheel turbine; this is connected to generator and in turn electricity is generated.

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

(22) Date of filing of Application :20/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: A MODIFIED SILENCER WITH UNIQUE PROTECTIVE SHIELD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:F03G	(71)Name of Applicant: 1)SANJAY GAIKWAD Address of Applicant:STAFF QTRS. TYPE 3/3, ARMY INSTITUTE OF TECHNOLOGY, DIGHI, PUNE-411015, MAHARASHTRA, INDIA. Maharashtra India 2)RAVIRAJ GURAV 3)PRITEE PUROHIT 4)MANISHA NILKANTH 5)SUMIT KUMAR 6)SHIVENDRA SINGH CHAUHAN (72)Name of Inventor: 1)SANJAY GAIKWAD 2)RAVIRAJ GURAV 3)PRITEE PUROHIT 4)MANISHA NILKANTH 5)SUMIT KUMAR 6)SHIVENDRA SINGH CHAUHAN
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(57) Abstract:

A system for cooling of muffler / silencer of two wheeler, said system comprising: conventional process is associated with very hot silencer surface due to high temperature of exhaust gases passing from silencer of two wheeler, said silencer cooling system reduces the temperature of silencer surface by providing unique protective shield with delta wing vortex generator, said system avoids direct contact of human body with silencer because of the shield, said system reduces temperature of shield due to delta wing vortex generator, said system provides safety to human being, said system prevents burning injury to leg or any body part which comes in direct contact with silencer.

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

(22) Date of filing of Application :20/01/2016

(43) Publication Date: 12/02/2016

(54) Title of the invention: WORK BENCH WITH USB MICROSCOPE FOR MICRO ART ON RICE

		(71) N
		(71)Name of Applicant :
		1)DR. J B SANKPAL
		Address of Applicant :FLAT NO.204, BUILDING D-7,
		LAKE TOWN, BIBWEWADI, PUNE-411037,
(51) International classification	:G01N21/00	MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	2)PRITEE PUROHIT
(32) Priority Date	:NA	3)MANISHA NILKANTH
(33) Name of priority country	:NA	4)RAVIRAJ GURAV
(86) International Application No	:NA	5)SANJAY GAIKWAD
Filing Date	:NA	6)NAWAL SINGH
(87) International Publication No	: NA	7)ATUL RAJ
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. J B SANKPAL
(62) Divisional to Application Number	:NA	2)PRITEE PUROHIT
Filing Date	:NA	3)MANISHA NILKANTH
		4)RAVIRAJ GURAV
		5)SANJAY GAIKWAD
		6)NAWAL SINGH
		7)ATHUL RAJ

(57) Abstract:

A system for drawing/writing on small object like rice grain, benne grain, mustard grain, said system comprising: conventional process is associated with human efforts which is required for micro art, said additional disc type cutter is connected with outer disc as required, said Workbench with holding devices and USB Microscope for capturing and magnifying image which is easily display on computer /tablet/ laptop and due to magnified and clear image visible on screen helps to draw art on small object for beginners and experts, hence the said system is user friendly, reduces human effort and enhances the concentration in art.

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

(22) Date of filing of Application :08/01/2016

(43) Publication Date: 12/02/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCER GAS DIRECT REHEATING WITH PARTIALLY STEAM REFORMING AND TAR CRACKING

(51) International classification		(71)Name of Applicant :
(C1) International Glassification	3/32	1)Dr. Shailesh Vallabhdas Makadia
(31) Priority Document No	:NA	Address of Applicant :Plot no. 2621/2622, Gate NO. 1, Road
(32) Priority Date	:NA	D/2, Lodhika GIDC, Kalawad Road, PO Metoda, Dist. Rajkot.
(33) Name of priority country	:NA	(Gujarat), India Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Shailesh Vallabhdas Makadia
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to the method and apparatus of direct reheating of producer gas by partially steam reforming and tar cracking. The present invention also relates to utilization of heat generated during production of Producer gas that mainly contains hydrogen and carbon monoxide and methane from the Solid fuels like coal/Biomass/ MSW etc. Present invention relates to up draft gasification technology in which producer gas generated in the main reactor (9) enters in the tar reforming system (13) where combination of heat, water vapor and heavy hydrocarbon partially cracked and reform and convert into carbon monoxide and hydrogen. The heat generated during the production of Producer gas is used for further heating of producer gas and partial cracking of tar present (Gaseous form) in the producer gas. Hot and cleaned Producer gas is directly supplied towards the application. Fig.1

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

(22) Date of filing of Application :27/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN APPARATUS AND METHOD FOR HEATING PREFORMS.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B29C 49/64 :NA :NA :NA	(71)Name of Applicant: 1)VINEET PRAKASH BANNORE Address of Applicant:14/15 SHREE NAMAN PLAZA, GR FLOOR, S. V. ROAD, KANDIVALI (WEST), MUMBAI-400 067, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VINEET PRAKASH BANNORE 2)SUNIL V BHARKHADA
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an apparatus and method for heating PET preforms for subsequent container blow molding. The apparatus comprising of a transport device with preform holding devices and the preform holding devices having a 360 deg heat shield protection for the preform neck. The transport device and the preform holding devices further having a periodic interrupted rotational motion. The method comprising of protecting the preform neck by circulating cool fluid in the preform holding device. The method also comprising of periodically interrupted rotating transport device and a periodically interrupting the rotating preform holding device in a predetermined manner. Fig 1

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

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MOBILE GEMSTONE IDENTIFICATION

(51) International classification	·G01N21/87	(71)Name of Applicant:
	:NA	1)SAHAJANAND TECHNOLOGIES PVT. LTD.
(31) Priority Document No		
(32) Priority Date	:NA	Address of Applicant :Sahajanand House, Parsi Street,
(33) Name of priority country	:NA	Saiyedpura, Surat-395003 Gujarat Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHAJAN, Balkrishna
(87) International Publication No	: NA	2)PANDIT, Nishma
(61) Patent of Addition to Application Number	:NA	3)PATEL, Chetan
Filing Date	:NA	4)GAYWALA, Rahul
(62) Divisional to Application Number	:NA	5)KOTADIA, Bhargav
Filing Date	:NA	

(57) Abstract:

Systems and methods for mobile gemstone identification are described herein. According to an embodiment, a mobile gemstone identification system (100) includes a gemstone holder (104, 202, 302, 402) to hold a gemstone (102) and includes an optoelectronic assembly (106). The optoelectronic assembly (106) includes an illumination device (108) to illuminate the gemstone (102) by causing radiations to be incident on the gemstone (102). Further, the optoelectronic assembly (106) further includes a screen (110) to form a pattern indicative of an optical response of the gemstone (102), in response to the radiations being incident on the gemstone (102). According to an aspect, the screen (110) is formed as having a plurality of regions (114, 116) having different masses, and the pattern is to be formed substantially on a region (114) having greater mass than other regions (116).

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

(21) Application No.4907/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :29/12/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PLANETARY GEARBOX

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16H 3/66 :NA :NA :NA	(71)Name of Applicant: 1)MR. SANDEEP R. PALASPAGAR Address of Applicant: QTR NO. EM4/204, VIDHYUT NAGAR, PARAS, TQ BALAPUR, DIST AKOLA PIN: 444009 MAHARASHTRA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. SANDEEP R. PALASPAGAR
(87) 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:

Parallel shafting gearbox have problems like the frictional losses, gear shifting is very hard under load ,wear and tear of gears while shifting and operating of the gears, load distribution on single driven gear and it is hard to derive large reductions gear ratio easily. Present invention introduces a gearbox as a solution for above problems using PGTU(planetary gear trains unit)s such that all the PGTUs in gear box are connected serially with axles on which planetary gears are mounted ,of the PGTUs which are arranged between them, forming a series of CPCAs, for transmission from rotating driving shaft on which sun gears are mounted to the driven shaft by braking the motion of the ring gear of PGTU through which the transmission is to be carried out while setting free the ring gears of rest of the PGTUs in the gear box, It is useful in automobile vehicle etc.

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

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTERACTIVE TEXTILE ARTICLE AND AUGMENTED REALITY SYSTEM.

(51) International classification	:D05c1/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WELPSUN INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :WELSPUN HOUSE, 7TH FLOOR,
(33) Name of priority country	:NA	KAMALA CITY, SENAPATI BAPAT MARG, LOWER
(86) International Application No	:NA	PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MRS DIPALI GOENKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method an interactive textile article including a textile material having a design object that includes one or more design object identifiers. The design object is associated with an augmented reality software program configured to include content related the design object. A processor configured to execute the augmented reality program so as to compile a design object depiction based the design object identifiers contained in the design object. The processor executes a first augmented content level of a plurality of augmented content levels so as to display 1) the design object depiction, 2) augmentation elements that are related to the design object, and 3) an input element configured to control the design object depiction and the augmentation elements.

No. of Pages: 40 No. of Claims: 29

(22) Date of filing of Application :20/02/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A COOLING 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 	:G05B15/00 :NA :NA :NA :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)POONA SHIMS PVT. LTD. Address of Applicant:73/10+11, Vadgaon Maval, Mumbai Pune Highway, Dist.: Pune, Maharashtra India Maharashtra India (72)Name of Inventor: 1)GUPTE ANIL SHANKAR
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present disclosure relates to a system for cooling a process fluid. The system comprises a shell, a plurality of tubes, a plurality of baffles, and a plurality of perforated plates. The process fluid to be cooled is passed through the shell and a cooling fluid which extracts heat from the process fluid is passed through the plurality of tubes. Each of the plurality of perforated plates is juxtaposed to at least one of the plurality of baffles to enhance the retention time of the process fluid within the shell. Due to the enhanced retention time of the process fluid, heat transfer between the process fluid and the cooling fluid is increased, thereby cooling the process fluid. Fig.1

No. of Pages: 16 No. of Claims: 10

(21) Application No.201627001821 A

(19) INDIA

(22) Date of filing of Application :18/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESSING SPATIALLY DIFFUSE OR LARGE AUDIO OBJECTS

(51) International classification	:G10L19/00,H04S3/00	(71)Name of Applicant:
(31) Priority Document No	:P201331193	1)DOLBY LABORATORIES LICENSING
(32) Priority Date	:31/07/2013	CORPORATION
(33) Name of priority country	:Spain	Address of Applicant :1275 Market Street San Francisco
(86) International Application No	:PCT/US2014/047966	California 94103 U.S.A.
Filing Date	:24/07/2014	2)DOLBY INTERNATIONAL AB
(87) International Publication No	:WO 2015/017235	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)BREEBAART Dirk Jeroen
Number	:NA :NA	2)LU Lie
Filing Date	:INA	3)TSINGOS Nicolas R.
(62) Divisional to Application Number	:NA	4)MATEOS SOLE Antonio
Filing Date	:NA	

(57) Abstract:

Diffuse or spatially large audio objects may be identified for special processing. A decorrelation process may be performed on audio signals corresponding to the large audio objects to produce decorrelated large audio object audio signals. These decorrelated large audio object audio signals may be associated with object locations which may be stationary or time varying locations. For example the decorrelated large audio object audio signals may be rendered to virtual or actual speaker locations. The output of such a rendering process may be input to a scene simplification process. The decorrelation associating and/or scene simplification processes may be performed prior to a process of encoding the audio data.

No. of Pages: 52 No. of Claims: 20

(22) Date of filing of Application :29/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: SEARCH ENGINE BUTTONS MATRIX INTERFACE

(51) International classification(31) Priority Document No(32) Priority Date	:US 62/109,562	(71)Name of Applicant: 1)SAMANTA SUNIL GOPALCHANDRA Address of Applicant: 253 S BROADWAY,#253,TARRYTOWN,NEW YORK 10591-4501
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)SAMANTA SUNIL GOPALCHANDRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A standalone web site or a web page hyperlinked with any compliant web site, intranet, or extranet with search engine matrix interface consisting of an input box and command buttons labeled Search, Recent, Popular, Sort AZ, SortZA, Library, World, Users, and Users at the top row of the matrix and left most column consisting of buttons labeled alphabetically such as A, B, C or Aa, Ab, Ac... Ba, Bb, Be... or numerically pre-populates search results from the web, an intranet or an extranet as well as allows a user to input keywords and search results from the web, compliant intranet or compliant extranet. This search engine matrix interface provides greater control to the users in organizing search results output in ways preferred by the user rather than the search engine provider.

No. of Pages: 41 No. of Claims: 3

(22) Date of filing of Application :29/12/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A METAL COMPLEX OF CHLOROPHYLL DERIVATIVE FOR MAGNETIC RESONANCE IMAGING AND PHOTODYNAMIC THERAPY.

(51) Intermedianal aleasification	:C07D	(71)Name of Applicant :
(51) International classification	487/22	1)THE SECRETARY, DEPARTMENT OF ATOMIC
(31) Priority Document No	:NA	ENERGY
(32) Priority Date	:NA	Address of Applicant :Govt. of India, Anushakti Bhavan,
(33) Name of priority country	:NA	Chatrapati Shivaji Maharaj Marg, Mumbai -400001, Maharashtra,
(86) International Application No	:NA	India. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DUBE, Alok
(61) Patent of Addition to Application Number	:NA	2)SARBADHIKARY, Paromita
Filing Date	:NA	3)GUPTA, Pradeep Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT TITLE: A METAL COMPLEX OF CHLOROPHYLL DERIVATIVE FOR MAGNETIC RESONANCE IMAGING AND PHOTODYNAMIC THERAPY. The invention provides a water soluble halogenated metal complex of chlorophyll derivative and process for its preparation. Advantageously, the metal complex of chlorophyll derivative contains paramagnetic metal cation and is capable of generating singlet oxygen and other Reactive Oxygen Species (ROS) when activated by red wavelength region of visible light and thus would have application in simultaneous Photodynamic Therapy (PDT) and Magnetic Resonance Imaging (MRI) of tumours. Advantageously such compounds would be useful for other PDT applications, such as inactivation of viruses and bacteria in vivo and ex-vivo. Further, the said metal complex of chlorophyll derivative would have application in tumor imaging using techniques such as computed tomography (CT), positron emission tomography (PET), single, photon emission computed tomography (SPECT) as well as therapy using photon activation therapy and radiotherapy.

No. of Pages: 33 No. of Claims: 16

(21) Application No.2747/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :21/07/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A VERTICAL FLOW IMMUNOASSAY DEVICE FOR DETECTION OF SNAKE ENVENOMATION

	(71)Name of Applicant:
31/21	1)MS. MEDHA SONAVANE
:NA	Address of Applicant :FLAT NO.B/406, REKHI SAI
:NA	DAFFODILS, SECTOR 19, KHARGHAR, NAVI MUMBAI
:NA	410210, MAHARASHTRA, INDIA. Maharashtra India
:NA	2)MR. AMIT RAJAS
:NA	(72)Name of Inventor :
: NA	1)MS. MEDHA SONAVANE
:NA	
:NA	
:NA	
:NA	
	31/21 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present invention relates to a vertical flow immunoassay device using a rapid vertical flow assay for detecting snake envenomation in the patients sample. It vertical flow immunoassay device of the present invention does not require any wet reagents and can detect the presence or absence of hemotoxic and neurotoxic venom in the patients sample; The vertical flow immunoassay device of the present invention relies on the principle of vertical flow immunoassay. The vertical flow assay makes use of gravitational force for generation of flow through membrane assembly.

No. of Pages: 25 No. of Claims: 9

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: GEMSTONE VERIFICATION

(51) International classification(31) Priority Document No	:G06Q10/06 :NA	(71)Name of Applicant: 1)SAHAJANAND TECHNOLOGIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Sahajanand House, Parsi Street,
(33) Name of priority country	:NA	Saiyedpura Surat - 395003, Gujarat, India Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GAYWALA, Rahul Mahendra
(87) International Publication No	: NA	2)GAJJAR, Munjalkumar Dhirajlal
(61) Patent of Addition to Application Number	:NA	3)PATEL, Chetan Fulchandbhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method(s) and System(s) for verifying authenticity of a gemstone (108) are described. The method includes receiving identification information associated with a gemstone (108). The identification information is indicative of at least one of a model number, a part number, a date, a time, and a gemstone ID associated with the gemstone (108). Thereafter, the gemstone (108) is analyzed to obtain an image pattern corresponding to the gemstone (108), the image pattern is based on refraction and reflection of a radiation incident on the gemstone (108). Thereafter, the method includes identifying a unique image pattern corresponding to the image pattern in a database. A stored identification information corresponding to the unique image pattern is then identified. The stored identification information and the unique image pattern are stored in the database for verification of the gemstone (108).

No. of Pages: 22 No. of Claims: 17

(22) Date of filing of Application :27/02/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : ENHANCING THE DATA PRIVACY ON INTERNET AND APPLICATIONS RELATED TO INTERNET.

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number SNA Filing Date (10) Filing Date (11) Filing Date (12) Filing Date (13) Filing Date (14) Filing Date (15) Filing Date (16) Filing Date (17) Filing Date (18) Filing Date	1)DEEPIKA SHINDE Address of Applicant :SHUBHASHREE RESIDENCY, JAI GANESH FAME, PHASE-I, C1/204, AKURDI, PUNE-35 Maharashtra India 2)AAKANSHA S WANI 3)KOMAL VANJARI 4)ANASWARA KRISHNAN AV (72)Name of Inventor: 1)DEEPIKA SHINDE 2)AAKANSHA S WANI 3)KOMAL VANJARI
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(57) Abstract:

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

(22) Date of filing of Application :20/01/2016

(43) Publication Date: 12/02/2016

(54) Title of the invention : DIRECTLY COMPRESSIBLE DIFRA STARCH WITH IMPROVED BINDING, DISINTEGRATE AND FLOW PROPERTIES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	69/00 ENA ENA ENA ENA	(71)Name of Applicant: 1)NASEEM AHMAD CHAROO Address of Applicant:4TH FLOOR, 112, ALI UMER STREET, PYDHONIE, MUMBAI-400003, MAHARASHTRA, INDIA. Maharashtra India 2)DAUD BARAKA ABDALLAH 3)AAMER ROSHAN ALI KHATRI 4)ABUBAKR SULIMAN ALGORASHI (72)Name of Inventor: 1)NASEEM AHMAD CHAROO 2)DAUD BARAKA ABDALLAH 3)AAMER ROSHAN ALI KHATRI 4)ABUBAKR SULIMAN ALGORASHI
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(57) Abstract:

The present invention relates to a pharmaceutical excipient comprising of pregelatinized difra starch and its precursor starch, and their use as novel pharmaceutical excipient thereof. The excellent flow, cohesive and disintegrant properties of pregelatinized difra starch impart the desired characteristics to the oral solid dosage formulations in the presence of one or more different excipients.

No. of Pages: 23 No. of Claims: 18

(22) Date of filing of Application :20/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : ONE STEP IRRIGATING SOLUTION FOR ROOT CANAL DISINFECTION AND REMOVAL OF SMEAR LAYER AND ACCUMULATED HARD TISSUE DEBRIS DURING AND AFTER ROOT CANAL INSTRUMENTATION

(51) International classification	:A61K1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. MANDAR PIMPRIKAR
(32) Priority Date	:NA	Address of Applicant :PIMPRIKAR HOSPITAL, BEHIND
(33) Name of priority country	:NA	HOTEL PRAKASH GOVIND NAGAR, CHOWK NO.05,
(86) International Application No	:NA	MUMBAI-AGRA ROAD, NASHIK-422009, MAHARASHTRA,
Filing Date	:NA	INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. MANDAR PIMPRIKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present embodiment is a method for irrigation solution use of root canal therapy. The present embodiment provides composition of NaOCL +HEBP (2.5%NaOCL + 9% HEBP) and (5%NaOCL + 18% HEBP) as one step irrigation solution for use during and after root canal therapy. It gives single option irrigating substance with better results during the root canal therapy. One Step irrigating solution does disinfection and removal of smear layer and accumulated hard tissue debris during and after root canal instrumentation.

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

(21) Application No.1972/MUM/2015 A

(19) INDIA

(22) Date of filing of Application: 19/05/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A PROCESS FOR PRODUCTION OF PURE ZIRCONIUM OXIDE FROM ZIRCON

	·C00C	(71)Name of Applicant :
(51) International classification	3/10	1)INDIAN RARE EARTHS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Corporate Office: Plot No:1207, Opp.
(32) Priority Date	:NA	Siddhi Vinayak Temple, Veer Savarkar Marg, Prabhadevi,
(33) Name of priority country	:NA	Mumbai-400028, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)B.R. MISHRA
(87) International Publication No	: NA	2)T. CHOUDHURY
(61) Patent of Addition to Application Number	:NA	3)P.K. MISRA
Filing Date	:NA	4)D. MOHANTY
(62) Divisional to Application Number	:NA	5)C.K. ASNANI
Filing Date	:NA	6)R.N. PATRA

(57) Abstract:

A process for producing pure zirconium Oxide from Zircon comprising the steps of preparing Zirconium frit by the fusion of Zircon with caustic soda, Subjecting the Zirconium frit to the step of leaching with sulphuric acid, filtering the mass with the addition of flocculants, Characterized in that extracting Zirconium from Zirconium sulphate solution using liquid-liquid extraction, removing the impurities from the loaded organic solvent, striping Zirconium sulphate from organic solvent Converting the said striped Zirconium sulphate to Zirconium hydroxide, Subjecting the zirconium hydroxide to the step of washing and filteration drying and calcining the mass to produce Zirconium oxide.

No. of Pages: 45 No. of Claims: 17

(21) Application No.2772/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :22/07/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A NOVEL FUEL-LESS ENGINE

(51) International classification	:F02B23/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LAXMAN DNYANU JADHAV
(32) Priority Date	:NA	Address of Applicant :22/8, MOJES WADI,
(33) Name of priority country	:NA	WADGAONSHERI, PUNE-411 014, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)LAXMAN DNYANU JADHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the invention under consideration the usual electronic starter initiates the piston (8) within the auxiliary cylinder (7) from the auxiliary cylinder assembly (5) which is radically mounted on the wheel disk (6). With the pumping of the break oil (12) exiting in the main wheel cylinder (1), with this there is expansion of the piston (8) and the connector (9) by 20% to 25%. The connector (9) is attached to the main shaft (3) tangentially with the gear/ratchet (4) as shown in the drawings. The external air pressure (11) of air in the reservoir i.e. the tyre (10) using elasticity of the air generates tangential force, which forces the rotation of the main shaft (3) and hence the movement to the vehicle.

No. of Pages: 14 No. of Claims: 5

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PROCESS FOR RECYCLING OF USED CULTURE MEDIA

(51) International classification	:A01G1/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHAJAN AMIT SHRIKRISHNA
(32) Priority Date	:NA	Address of Applicant :PLOT NO.50, VARSHANAGAR, 'B'
(33) Name of priority country	:NA	WARD, KOLHAPUR-416 012, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)SHETE RAHUL SHIVLING
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MAHAJAN AMIT SHRIKRISHNA
Filing Date	:NA	2)SHETE RAHUL SHIVLING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

in this method of invention very large quantities in tones of culture media will be recycled Large amount of nutrients present in the waste media as per experimental average weight of E.coli is 2 Pico gram and plate approximately 1 gm. Of nutrition which cannot be used by organisms during incubation period remaining nutrient used by this technique nutritional value does not decreases because of killed population of microorganisms also converted into amino acids and increase the nutritional value, In this method of invention a special kind of instrumentation used for the recycling which handle multiple processes U.V. chamber effectively killed all organisms from media, crusher crush media into small pieces and boiler boil effectively with controlled temperature. In this method of invention ail nutrients which present in waste media recycled at maximum level which can be used directly as media without any other treatment for another processes there could be tones of media as waste from all microbiological field. In the globalised world recycling of everything is important with reference to environment, cost and economy. Recycled media would be available at an reasonable rate also without any compromising of nutrition value compared to others.

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

(22) Date of filing of Application :30/12/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BRAINY TRAFFIC CONTROL SYSTEM.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L 12/823 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BIDYA PRIYANKKUMAR VIDYANAND Address of Applicant: PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE-411044, MAHARASHTRA, INDIA. Maharashtra India 2)AJEET YADAV 3)CHAVAN AKSHAY SURESH 4)CHIRAME ATHARVA BABURAO 5)CHANDAK GANESH DINESH (72)Name of Inventor: 1)BIDYA PRIYANKKUMAR VIDYANAND 2)AJEET YADAV 3)CHAVAN AKSHAY SURESH 4)CHIRAME ATHARVA BABURAO 5)CHANDAK GANESH DINESH
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(57) Abstract:

The traffic signals used today works on counters and accordingly controls the traffic. The system used goes red or green for a fixed time irrespective of the traffic density on any particular road. This leads to traffic chaos on a very busy road. Our signal works exactly the same but is smart enough to judge which signal to go green and how long to remain green. As per our proposed idea:- We will use sensors which will check if any road has high traffic. Now we have two possibilities 1) If the sensors do not detect heavy traffic then it will force the controller to act as the conventional signal. 2) If the sensors detect heavy traffic then it will give an additional delay to that road when its turn comes. This can help reduce traffic on a densely populated road. And it will take care of all, the disadvantages of the system being used today. FIG 1

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

(21) Application No.65/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :07/01/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENDOLUMINAL STENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F :NA :NA :NA	(71)Name of Applicant: 1)SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED Address of Applicant: Sahajanand Estate WakhariaWadi, Nr.
(86) International Application No	:NA	Dabholi Char Rasta, Ved Road, Surat Gujarat 395004, India
Filing Date	:NA	Gujarat India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KALE, Sunil Pundlikrao
Filing Date	:NA	2)KHANPARA, BhautikkumarChandulal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An endoluminal stent (100) is described herein. In an embodiment, the endoluminal stent (100) includes a plurality of sinusoidal-shaped expandable ringlets (102) provided in parallel to form a tubular structure of the endoluminal stent (100). Further, adjacent ringlets (102) can be connected to each other by one or more asymmetrical offset connectors (108), the offset connectors (108) being non-linear in structure.

No. of Pages: 17 No. of Claims: 5

(21) Application No.1290/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/06/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: WIRELESS COMMUNICATION SYSTEM AND WIRELESS TERMINAL DEVICE

(51) International classification :H04W 8/00

(31) Priority Document No :12

(32) Priority Date :12/06/2011 (33) Name of priority country :Argentina

(86) International Application No

Filing Date :10/11/2006

(87) International Publication No : NA

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

Filing Date (62) Divisional to Application Number :1679/KOLNP/2009

Filed on :05/05/2009

(71)Name of Applicant: 1)FUJITSU LIMITED

Address of Applicant: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, JAPAN

:PCT/JP2006/322494 (72) **Name of Inventor :**

1)ODE, Takayoshi

(57) Abstract:

Terminal capability information relating to the capability of a wireless terminal device in which at least one of a first frequency bandwidth for use in an up link and a second frequency bandwidth for use in a down link is variable is associated with a terminal category in advance. When the terminal capability information is received from the wireless terminal device, the terminal category is designated from the terminal capability information, a link is set to the wireless terminal device, and a control signal corresponding to the link setting is transmitted. Control can be simplified by setting the link along the terminal category.

No. of Pages: 58 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :23/11/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : A NOVEL FLUID STORAGE TANK CAPABLE OF BEING TRANSPORTED BY ROLLING ON GROUND.

(51) International classification (31) Priority Document No	:B63B25/16 :NA	(71)Name of Applicant : 1)BUDHIA SANJAY
(32) Priority Date	:NA	Address of Applicant :3-C, CAMAC STREET, KOLKATA -
(33) Name of priority country	:NA	700 016, WEST BENGAL, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BUDHIA SANJAY
(87) 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 novel concept of storing and transporting fluid material like water in a barrel shaped container having a ribbed structure which can be easily rolled over ground surface. Accordingly, the subject invention pertains to a novel fluid storage tank capable of being transported by rolling on ground characterized in that the barrel shaped container has ribbed exterior surface for facilitating rolling while dragging or drawing the water filled container or tank on ground by means of holding means or handle affixed to the two convex ends through trunnions, the said handle being imparted a shape of pentagon or hexagon and ends whereof are bent at right angles and fixed through the metal capped recesses meant for housing the same.

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

(21) Application No.1289/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: WIRELESS COMMUNICATION SYSTEM AND WIRELESS TERMINAL DEVICE

(51) International classification :H04W 8/00

(31) Priority Document No :11

(32) Priority Date :12/06/2011
(33) Name of priority country :Argentina

(86) International Application No :PCT/JP2006/3224 Filing Date :10/11/2006

Filing Date :10/11/20 (87) International Publication No : NA

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

Filing Date

(62) Divisional to Application Number

:INA
:INA
:1679/KOLNP/2009

Filed on :05/05/2009

(71)Name of Applicant: 1)FUJITSU LIMITED

Address of Applicant :1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, JAPAN

:PCT/JP2006/322494 (72)Name of Inventor : :10/11/2006 1)ODE, Takayoshi

(57) Abstract:

Terminal capability information relating to the capability of a wireless terminal device in which at least one of a first frequency bandwidth for use in an up link and a second frequency bandwidth for use in a down link is variable is associated with a terminal category in advance. When the terminal capability information is received from the wireless terminal device, the terminal category is designated from the terminal capability information, a link is set to the wireless terminal device, and a control signal corresponding to the link setting is transmitted. Control can be simplified by setting the link along the terminal category.

No. of Pages: 58 No. of Claims: 8

(21) Application No.1176/KOL/2015 A

(19) INDIA

(22) Date of filing of Application: 19/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A LOW COST SYSTEM WITH LIGHT WEIGHT AND ENERGY EFFICIENT METHODS FOR SECURE ROUTING IN MOBILE AD-HOC NETWORK (MANET) FOR IMPLEMENTING PERSONAL AREA NETWORK (PAN).

(51) International classification	:H04W64/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Institute of Engineering & Management
(32) Priority Date	:NA	Address of Applicant :Institute of Engineering & Management
(33) Name of priority country	:NA	Saltlake Electronics Complex Sector V, Saltlake Kolkata West
(86) International Application No	:NA	Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Himadri Nath Saha
(61) Patent of Addition to Application Number	:NA	2)Dr. Debika Bhattacharyya
Filing Date	:NA	3)Rohit Singh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

With the advent of real applications in fields like domestic and defense, Mobile Ad-Hoc Network (MANET) is becoming popular. MANET does not require any infrastructure; moreover, it can behave as mobile networks. These features have boosted up the popularity of MANET in the community. As more and more fields get dependent on MANET, the system needs to be more robust and less expensive. For example, in defense field security is the major issue, while in the domestic field maintaining the QoS is the major issue. To commercialize MANET the routing protocols need to be lightweight, secure and the hardware on which it is to be implemented should be low cost at the same time. The invention proposes a lightweight, secure and energy efficient routing model for MANET; which uses fidelity to allocate trust to a neighbor, thereby taking the decision whether to send data via that secure neighbor or not. It also uses new packets like report and recommendation that help the protocol to detect and eliminate the malicious nodes from the network. It has been implemented in hardware, on the Arduino platform with ZigBee network.

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

(19) INDIA

(22) Date of filing of Application :22/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR CALCULATION OF FIN HEAT TRANSFER WITH INTENNAL HEAT GENERATION SUBJECT TO NONLINEAR SURFACE HEAT EXCHANGE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)DR. BALARAM KUNDU Address of Applicant :FLAT NO. T2, INDU APARTMENT,
(33) Name of priority country	:NA	13/4 NEW SANTOSHPUR MAIN ROAD, SANTOSHPUR,
(86) International Application No	:NA	KOLKATA 700075, WEST BENGAL, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. BALARAM KUNDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An annular disc fin (ADF) is a common choice to enhance heat from a cylindrical primary surface. In nuclear applications, heat transfer from the fin surface is due to convection and radiation, and heat also generated in the fin. With radiation and a variation of heat generation, an analysis was presented. For the heat generation, it is suggested to determine the fin heat transfer by integral approach and an integro-differential formulation to the differential transform function was implemented successfully. The effects of heat generation on the fin performance parameters were studied under a design condition. A new optimization study with variation of heat generation was carried out to provide a superior aspect of design of annular fins. For the simplification of analysis to a designer, approximate methods have also been developed for heat generation as a linear function of temperature.

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

(19) INDIA

(22) Date of filing of Application :28/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: A SYNTHETIC HORMONE ENABLED PROCESS OF CAPTIVE BREEDING OF GENUS BARILIUS

:A23K1/165	(71)Name of Applicant:
:NA	1)Ms. Arpita Dey
:NA	Address of Applicant :Vill Nageswarguri Post Dhang
:NA	Dhingguri Dist Cooch Behar West Bengal India
:NA	(72)Name of Inventor:
:NA	1)Ms. Arpita Dey
: NA	2)Dr. Sudip Barat
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

This invention presented herein is a process of producing large quantities of the Barilius barila which is a vulnerable hill stream fish found at the Eastern Himalaya region, having high edible value in captivity with use of synthetic hormone. Each fish are given a dose of 0.05 ml of WOVA-FH for induced breeding. The fertilized eggs are measured to be in size of 1.0-1.5 mm in diameter. The average fertilization rate is found around 99.28%. The embryonic development and captive breeding of this fish may play a great role in the producing huge quantities, conservation, and its habitat protection.

No. of Pages: 8 No. of Claims: 12

(21) Application No.201631001687 A

(19) INDIA

(22) Date of filing of Application :18/01/2016 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMATED GUPCHUP MACHINE

(51) International classification	:A21B7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY ROURKELA-769 008 DIST: SUNDARGARH
(86) International Application No	:NA	ODISHA INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PRAKASH SARANGI
(61) Patent of Addition to Application Number	:NA	2)SUBRATA KUMAR PANDA
Filing Date	:NA	3)SIBA SANKAR MAHAPATRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Automated GupChup Machine is an electrically powered device used for making of popular snacks food GupChup. The machine has masala maker (1.3) in which potato is smashed and mixed with customized masala without human intervention. Thus, the food stuff becomes hygienic as human hand is not used for smashing boiled potato and mixing with masala. The machine has automatic mechanism of counting number of potatoes (potato counter 2.3) and Puris (Puri counter 2.4). The machine embodies punching and feeding mechanism (1.2) where Puri is punched with a needle with utmost care to avoid damage to the Puri during punching and filled with masala. A belt drive (4.4) is used to slide the GupChup to the serving plate. A servo-controlled valve mechanism (3.2) controls the feeding of potato and Puri to the masala maker and belt drive respectively. The swipe mechanism (1.4) controlled by the servo-controller cleans the base plate of the masala maker after each cycle. Automated GupChup Machine has been designed to cater the needs of a human taste of eating snacks food in a most hygienic condition with customized taste at reduced waiting time. The machine is highly safe and portable making it fit for use in malls, restaurants, entertainment parks, food plaza etc.

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

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.10431/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: SURFACE COATED BORON NITRIDE SINTERED 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	:B23B27/14,B23B27/20,C04B35/583 :2013139797 :03/07/2013 :Japan :PCT/JP2014/064957 :05/06/2014 :WO 2015/001903 :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC HARDMETAL CORP. Address of Applicant: 1 1 Koyakita 1 chome Itami shi Hyogo 6640016 Japan (72)Name of Inventor: 1)TSUKIHARA Nozomi 2)OKAMURA Katsumi 3)SETOYAMA Makoto
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surface coated boron nitride sintered tool wherein at least a cutting edge portion is provided with a cubic boron nitride sintered compact and a coating film which is formed on the surface of the cubic boron nitride sintered compact. The coating film comprises a layer (A) and a layer (B) and the layer (A) is configured of columnar grains having a grain size of from 10 nm to 400 nm (inclusive) while the layer (B) is configured of columnar grains having a grain size of from 5 nm to 70 nm (inclusive). In addition the layer (B) is obtained by alternately laminating two or more kinds of compound layers having different compositions and each compound layer has a thickness of from 0.5 nm to 300 nm (inclusive).

No. of Pages: 53 No. of Claims: 18

(21) Application No.10432/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SURFACE COATED BORON NITRIDE SINTERED TOOL

:B23B27/14,B23B27/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SUMITOMO ELECTRIC HARDMETAL CORP. :2013139798 (32) Priority Date :03/07/2013 Address of Applicant: 1 1 Koyakita 1 chome Itami shi Hyogo (33) Name of priority country :Japan 6640016 Japan (86) International Application No :PCT/JP2014/064959 (72) Name of Inventor: :05/06/2014 Filing Date 1)SORAI Yoshiaki (87) International Publication No :WO 2015/001904 2)OKAMURA Katsumi (61) Patent of Addition to Application 3)TSUKIHARA Nozomi :NA Number 4)SETOYAMA Makoto :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A surface coated boron nitride sintered tool wherein at least a cutting edge portion is provided with a cubic boron nitride sintered compact and a coating film which is formed on the surface of the cubic boron nitride sintered compact. The coating film comprises a layer (A) a layer (B) and a layer (C) and the layer (C) is arranged between the layer (A) and the layer (B). The layer (A) contains Ti and the like. The layer (B) is obtained by alternately laminating compound (B1) layers which contain Ti Si and the like and compound (B2) layers which contain Al and the like. The layer (C) contains McLc (wherein Mc represents one or more elements selected from among the group 4 elements the group 5 elements and group 6 elements of the periodic table Al and Si; Lc represents one or more elements selected from among B C N and O; and zc is more than 0 but 0.85 or less).

No. of Pages: 45 No. of Claims: 13

(21) Application No.10433/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ANTI DAMAGE DRIVE COMPONENT 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 	:E21C35/00 :201310158412.3 :12/04/2013 :China :PCT/CN2014/000388 :11/04/2014 :WO 2014/166302 :NA :NA	(71)Name of Applicant: 1)LIU Suhua Address of Applicant: Yanzhou Haizhi Mechanical and Electrical Technology Co. LTD Xinyanzhen Industrial Park Yanzhou Shandong 272100 China (72)Name of Inventor: 1)LIU Suhua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An anti damage drive component apparatus comprising an excavation mechanism (1) a driving mechanism (2) a guiding mechanism (6) and a cushioning anti damage mechanism (13). The cushioning anti damage mechanism (13) comprises a cushioning reciprocating element (3) an elastomer (15) and a cushioning support element (4). The cushioning support element (4) and/or the cushioning reciprocating element (3) comprise an elastomer stopping element (11). The elastomer (15) is either arranged between the cushioning support element (4) and the cushioning reciprocating element (3) or arranged on the cushioning support element (4). The elastomer (15) is affixed with the elastomer stopping element (11). The cushioning anti damage mechanism (13) is arranged on a power impinging element (9) of the drive mechanism (2).

No. of Pages: 36 No. of Claims: 21

(21) Application No.10435/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HYBRID VEHICLE DRIVE SYSTEM

(51) International classification :B60K6/365,B60K6/40,B60K6/445

:WO 2014/184853

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/JP2013/063321

No :13/05/2013 Filing Date :13/05/2013

(87) International Publication

No

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

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

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72)Name of Inventor:

1)OKUWAKI Shigeru

(57) Abstract:

This drive system (10A) is provided with: a first planetary gear mechanism (21) wherein a carrier (C1) is connected to an internal combustion engine (11) a sun gear (S1) is connected to a first motor generator (MG) (12) and a ring gear (R1) is connected via a first drive gear (24) and a first driven gear (25) to a counter shaft (15) so as to be able to transmit rotation; and a second planetary gear mechanism (22) wherein a brake (23) is disposed on a sun gear (S2) a carrier (C2) is connected to the internal combustion engine (11) and a ring gear (R2) is connected via a second drive gear (26) and a second driven gear (27) to the counter shaft (15) in such a manner as to be able to transmit rotation. Moreover a value is set for a gear ratio (1) of the first drive gear (24) and the first driven gear (25) that is larger than a gear ratio (2) of the second drive gear (26) and the second driven gear (27).

No. of Pages: 20 No. of Claims: 3

(21) Application No.10427/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A POLARIZED LIGHT IMAGING APPARATUS AND METHODS THEREOF FOR SEPARATING LIGHT FROM A SURFACE OF A SAMPLE ITS DEEPER DIFFUSE LAYERS

:G01N21/21,G01N21/956 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/814306 (32) Priority Date :21/04/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/034736

Filing Date :20/04/2014

(87) International Publication No :WO 2014/176136 (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)MOBILEOCT LTD.

Address of Applicant :17/5 Massary St. 5246206 Tel aviv

(72) Name of Inventor: 1)LEVITZ David 2)BEERY Ariel K.

(57) Abstract:

A polarized light imaging apparatus is provided. In an embodiment the apparatus comprises a light source for producing light beams; an illumination optic coupled to the light source for guiding the light beams towards the sample; a linear polarizer coupled to the illumination optic and configured to produce a linearly polarized light towards the sample respective of the light beams; a TIR birefringent polarizing prism (BPP) coupled to the sample to maximize a refraction difference between ordinary waves and extraordinary waves of light returning from the sample; and a detection optic unit coupled to the non TIR BPP for guiding the light waves returning from the sample towards a single polarization sensitive sensor element (SE) the SE is configured to capture at least one frame of the sample respective of the light waves returning from the superficial single scattering layer of the sample apart from the deeper diffuse layer.

No. of Pages: 28 No. of Claims: 19

(21) Application No.10428/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HIGH STRENGTH STEEL EXHIBITING GOOD DUCTILITY AND METHOD OF PRODUCTION VIA QUENCHING AND PARTITIONING TREATMENT BY ZINC BATH

(51) International :C22C38/02,C22C38/04,C22C38/12

classification

(31) Priority Document No :61/824699 (32) Priority Date :17/05/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/038425 No

:16/05/2014 Filing Date

(87) International Publication: WO 2014/186722

(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)AK STEEL PROPERTIES INC.

Address of Applicant: 9227 Centre Pointe Drive West Chester

OH 45069 U.S.A. (72) Name of Inventor:

1)THOMAS Grant Aaron

2) GARZA MARTINEZ Luis G.

Steel with high strength and good formability is produced with compositions and methods for forming austenitic and martensitic microstructure in the steel. Carbon manganese molybdenum nickel copper and chromium may promote the formation of room temperature stable (or meta stable) austenite by mechanisms such as lowering transformation temperatures for non martensitic constituents and/or increasing the hardenability of steel. Thermal cycles utilizing a rapid cooling below a martensite start temperature followed by reheating may promote formation of room temperature stable austenite by permitting diffusion of carbon into austenite from martensite.

No. of Pages: 37 No. of Claims: 6

(21) Application No.10429/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : DEVICE METHOD AND NON TEMPORARY COMPUTER READABLE MEDIUM FOR SELF ORGANIZING NETWORK

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(34) H04W24/02,H04
(2013126678
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(17/06/2013

(86) International Application No :PCT/JP2014/000798

Filing Date :17/02/2014
(87) International Publication No :WO 2014/203434

(61) Patent of Addition to Application :NA

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

:H04W24/02,H04W92/20 (71)Name of Applicant : :2013126678 1)NEC CORPORATION

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72) Name of Inventor:

1)MATSUNAGA Yasuhiko

2)NAKATA Atsushi

3)SASHIHARA Toshiyuki

(57) Abstract:

A device (10) used in a Self Organizing Network (SON) and having a SON execution unit (101) and an exclusion processing unit (105). The SON execution unit (101) executes SON processing on a first cell (40) a second cell (41) or an adjacent cell pair (40 and 41) said SON processing including repeated adjustment of configuration parameters that affect the operation of a base station (20) or a mobile station (30) such that the configuration parameters reach an optimization target. The exclusion processing unit (105) excludes the first cell (40) the second cell (41) or the adjacent cell pair (40 and 41) from future SON processing by the SON execution unit (101) if the optimization target achievement state after completion of the SON processing by the SON execution unit (101) does not meet a prescribed standard. As a result execution of SON processing having little performance improvement effect for example can be suppressed.

No. of Pages: 44 No. of Claims: 46

(21) Application No.10430/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRIC SUPPLY NETWORK

(51) International classification :H02J3/48,H02J3/50,H02J3/38 (71)Name of Applicant : (31) Priority Document No 1) WOBBEN PROPERTIES GMBH :10 2013 208 474.9 (32) Priority Date :08/05/2013 Address of Applicant: Dreekamp 5 26605 Aurich Germany (33) Name of priority country (72)Name of Inventor: :Germany :PCT/EP2014/059099 1)BUSKER Kai (86) International Application No Filing Date :05/05/2014 (87) International Publication No :WO 2014/180781 (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 method for feeding electrical power (P) into an electric supply network (120) using at least one first and one second wind farm (112). A first electrical farm power (P) is provided by the first wind farm (112) for feeding into the electric supply network (120) and a second electrical farm power (P) is provided by the second wind farm (112) for feeding into the electric supply network (120) and a total power (P) comprising at least the first and second farm powers (P P) is produced and is fed into the electric supply network (120) wherein a central control unit (2) for controlling the total power which has been fed in controls the provision of the at least first and second farm powers (P P).

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

(21) Application No.10450/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MOTORCYCLE

:NA

(51) International classification: B62J27/00,B62J17/06,B62J23/00 (71) Name of Applicant: 1)HONDA MOTOR CO. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant: 1 1 Minami Aoyama 2 chome Minato :NA (33) Name of priority country ku Tokyo 1078556 Japan :NA (72) Name of Inventor: (86) International Application :PCT/JP2013/063310 1)TANAKA Yuichiro :13/05/2013 Filing Date 2)INAOKA Hiroshi (87) International Publication 3)YAMADA Yasuto :WO 2014/184849 4)KURATA Norihiro (61) Patent of Addition to 5)YAMAGUCHI Nobuo :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

An motorcycle is provided with: a head pipe (31); a leg shield (21) including a front cover (27) and a rear cover (28) that enclose the head pipe (31) and covering the front of a passenger; a load absorbing member (50) mounted to the head pipe (31) to absorb load applied to the passenger; and a seat (18) for seating the passenger forming a straddling space to the rear of the leg shield (21). The load absorbing member (50) is disposed in a space formed by the front cover (27) and the rear cover (28).

No. of Pages: 38 No. of Claims: 6

(21) Application No.10451/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION METHOD FOR FINE ORGANIC PIGMENT

(51) International :C09B67/02,C09B67/04,C09B67/20

classification

(31) Priority Document No :2013102198 (32) Priority Date :14/05/2013 (33) Name of priority country: Japan

(86) International Application :PCT/JP2014/062886

:14/05/2014

Filing Date

(87) International Publication :WO 2014/185471

(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)KAO CORPORATION

Address of Applicant: 14 10 Nihonbashi Kayabacho 1 chome

Chuo ku Tokyo 1038210 Japan

(72) Name of Inventor: 1)SATO Takahiro 2)FUKUROI Hironobu 3)TAKENO Hirotaka

The present invention provides: a method for producing a fine organic pigment having an extremely small primary particle size; a fine organic pigment obtained using this method; a production method for a dispersion in which the fine organic pigment is used; a dispersion obtained using this method; and a production method for an ink in which the dispersion is used. Provided are: a production method [1] for a fine organic pigment said production method including a step (1) in which an organic pigment starting material a water soluble inorganic salt a water soluble organic solvent and at least 0.6 but not more than 4.0 parts by mass of water per 100 parts by mass of the water soluble inorganic salt are mixed and the resultant mixture is kneaded; a fine organic pigment [2] obtained using the abovementioned method [1]; and a dispersion [3] produced using the abovementioned fine organic pigment [2]. Also provided are: a production method [4] for a fine organic pigment paste said production method being provided with a step (2) in which the mixture kneaded in the abovementioned step (1) is cleaned; a production method [5] for a dispersion said production method being provided with a step (3) in which an organic solvent water and the fine organic pigment paste obtained using the abovementioned production method [4] are subjected to dispersion treatment; and a production method [6] for an ink said production method being provided with a step (4) in which at least one selected from water and an organic solvent is mixed with the dispersion obtained using the abovementioned production method [5].

No. of Pages: 48 No. of Claims: 19

(21) Application No.10452/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: USE OF DENCICHINE IN PREPARATION OF DRUG FOR TREATING THROMBOCYTOPENIA

(51) International classification :A61K31/198,A61K9/00,A61P7/04

(31) Priority Document No :NA (32) Priority Date :NA

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

No :24/05/2013

Filing Date (87) International Publication

No :WO 2014/186982 (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)KUNMING SHENGHUO PHARMACEUTICAL

(GROUP) CO. LTD.

Address of Applicant :No. 2 Jing You Road National Economy and Technology Development Area Kunming Yunnan 650217 China

(72)Name of Inventor:

1)LAN Guihua 2)LAN Feng

3)SUN Xiaobo

(57) Abstract:

Disclosed are uses of drugs for treating thrombocytopenia in particular the use of dencichine in preparation of drugs for treating thrombocytopenia. By adding pharmaceutically acceptable conventional adjuvant material dencichine can be prepared into an oral preparation or an injection. A pharmacodynamic trial shows that the dencichine can effectively inhibit the thrombocytopenia caused by chemotherapy drugs and treat thrombocytopenic purpura with obvious curative effect and low toxic side effects.

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

(21) Application No.10453/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SUBSTITUTED BRIDGED UREA ANALOGS AS SIRTUIN MODULATORS

		(71)Name of Applicant: 1)GLAXOSMITHKLINE LLC
(51) International classification	:C07D471/04	Address of Applicant :2711 Centerville Road Suite 400
(31) Priority Document No	:61/822758	Wilmington DE 19808 U.S.A.
(32) Priority Date	:13/05/2013	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)BLUM Charles A.
(86) International Application No	:PCT/US2014/037767	2)OALMANN Christopher
Filing Date	:13/05/2014	3)SZCZEPANKIEWICZ Bruce G.
(87) International Publication No	:WO 2014/186313	4)CALDWELL Richard Dana
(61) Patent of Addition to Application	:NA	5)CASAUBON Rebecca
Number	:NA	6)WHITE Brian H.
Filing Date	.11/1	7)PERNI Robert B.
(62) Divisional to Application Number	:NA	8)KOPPETSCH Karsten
Filing Date	:NA	9)DISCH Jeremy S.
		10)NG Pui Yee
		11)FOX Ryan Michael

(57) Abstract:

Provided herein are novel substituted bridged urea and related analogs and methods of use thereof. The sirtuin modulating compounds may be used for increasing the lifespan of a cell and treating and/or preventing a wide variety of diseases and disorders including for example diseases or disorders related to aging or stress diabetes obesity neurodegenerative diseases cardiovascular disease blood clotting disorders inflammation cancer and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin modulating compound in combination with another therapeutic agent.

No. of Pages: 357 No. of Claims: 28

(21) Application No.10261/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/05/2013 :WO 2013/176957 :NA :NA	(71)Name of Applicant: 1)BAUSCH & LOMB INCORPORATED Address of Applicant: Patent Law Dept. Area 62 1400 North Goodman Street Rochester New York 14609 U.S.A. (72)Name of Inventor: 1)NUNEZ Ivan M. 2)HUNT Jennifer
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

O hydroxyA method of making a substantially fully copolymerized UV blocking hydrogel lens demonstrating sufficient blocking of UV light to meet at least FDA Class II specifications for UV blocking formed from a reaction mixture comprising at least NVP and one other comonomer and a free radical polymerizable substituted or unsubstituted Bis benzophenone is provided herein.

No. of Pages: 44 No. of Claims: 39

(21) Application No.10460/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LOW DIAMETER OPTICAL FIBER

(51) International

:G02B6/02,G02B6/036,C08F222/10

classification

(31) Priority Document No

:13/862755

(32) Priority Date

:15/04/2013

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

(86) International Application :PCT/US2014/033280

Filing Date

:08/04/2014

(87) International Publication :WO 2014/172143

(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)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza Corning New York

14831 U.S.A.

(72) Name of Inventor:

1)BOOKBINDER Dana Craig

2)DAWES Steven Bruce

3)KOUZMINA Inna Igorevna

4)LI Ming Jun

5)OCAMPO Manuela

6)TANDON Pushkar

(57) Abstract:

Small radius coated optical fibers having large mode field diameter and low bending losses. The coated fiber may have an outer radius of 110 µm or less while providing a mode field diameter of 9.0 µm or greater and a bending loss when wrapped about a 15 mm mandrel of 0.5 dB/km or less at wavelength of 1550 nm. The coated fiber may have a mode field diameter of 9.2 µm or greater and may have a bending loss at 1550 nm of less than 0.5 dB per turn when wrapped about a 15 mm mandrel or a bending loss at 1550 nm of 0.25 dB/km or less when wrapped about a 20 mm mandrel or a bending loss at 1550 nm of 0.02 dB/km or less when wrapped about a 30 mm mandrel. The fibers have a core and a cladding and a primary coating surrounding the cladding and a secondary coating surrounding the primary coating. The primary coating has an in situ modulus of 0.50 MPa or less and the secondary coating has an in situ modulus of 1500 MPa or greater.

No. of Pages: 52 No. of Claims: 25

(21) Application No.10461/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: URETHANE COATING COMPOSITION FOR METAL SUBSTRATE

(51) International classification :C09D175/04, (31) Priority Document No :61/832254 (32) Priority Date :07/06/2013

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

(86) International Application No :PCT/US2014/039196 Filing Date :22/05/2014

(87) International Publication No :WO 2014/197215

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

:C09D175/04,C08G18/48 (71)Name of Applicant :

1)VALSPAR SOURCING INC.

Address of Applicant :901 3rd Ave South P.O. Box 1461

Minneapolis MN 55440 U.S.A.

(72)Name of Inventor:

1)BOESPFLUG Donald W.

2)DEBROY Tapan 3)HARTINGER Dan

(57) Abstract:

A urethane composition useful in a variety of applications such as for example as a direct to metal coating i.e. a coating composition that can be applied directly to the surface of a metal substrate without a primer or pretreatment is described. The coating composition preferably includes a polyol that is the reaction product of a resin of general formula (I) with an acid or a diol respectively with the reaction being carried out in the presence of a catalyst. The coating composition also includes an isocyanate functional compound as a crosslinker. The coating composition forms a corrosion resistant film when applied directly to the substrate surface without a pretreatment or primer.

No. of Pages: 32 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: COLORED ELECTROPHORETIC DISPLAYS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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) Divisional to Application Number Filing Date (64) Patent of Application Number Filing Date (65) Divisional to Application Number Filing Date (66) Patent of Application Number Filing Date (67) Divisional to Application Number Filing Date	5)LADAVAC Kosta 6)LATTES Ana L
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(57) Abstract:

An electrophoretic medium (800; 1000l 1100) comprises a fluid (806) and at least a first species of particles (804; 1004; 1104) disposed in the fluid (806). When a first addressing impulse is applied to the medium (800; 1000; 1100) the first species of particles (804; 1004; 1104) move in one direction relative to the electric field but when a second addressing impulse larger than the first addressing impulse but having the same polarity is applied to the medium (800; 1000; 1100) the first species of particles (804; 1004; 1104) move in the opposed direction relative to the electric field.

No. of Pages: 94 No. of Claims: 30

(21) Application No.10463/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

$(54) \ Title \ of the \ invention: PEROXIDE \ TREATED \ METALLOCENE \ BASED \ POLYOLEFINS \ WITH \ IMPROVED \ MELT \ STRENGTH$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C08F210/16 :13/893516 :14/05/2013 :U.S.A. :PCT/US2014/037664 :12/05/2014 :WO 2014/186272 :NA :NA	(71)Name of Applicant: 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant:10001 Six Pines Drive The Woodlands Texas 77380 U.S.A. (72)Name of Inventor: 1)CUI Lili 2)SUKHADIA Ashish M 3)ROHATI Vivek
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(57) Abstract:

Disclosed herein are ethylene based polymers having low densities and narrow molecular weight distributions but high melt strengths for blown film processing. Such polymers can be produced by peroxide treating a metallocene catalyzed resin.

No. of Pages: 50 No. of Claims: 20

(21) Application No.10467/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: DOUBLE PIPE DAMPING ANTI BOUNCING UPPER WHEEL 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 	:08/04/2014 :WO 2014/169771 :NA	(71)Name of Applicant: 1)ZHONGSHAN OPIKE HARDWARE PRODUCT CO. LTD Address of Applicant: Guangfu Street End Luosha Yongning Xiaolan Town Zhongshan Guangdong 528415 China (72)Name of Inventor: 1)XU Jiangde
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A double pipe damping anti bouncing upper wheel device comprises a double pipe damping anti bouncing upper wheel component (10) and a shifting piece (20). The double pipe damping anti bouncing upper wheel component (10) comprises an upper wheel plate (11) and an upper wheel (2) and an upper wheel box cover (13) that are disposed on the upper wheel plate (11). A damping pipe (14) is longitudinally disposed in the upper wheel box cover (13) on the upper wheel plate (11) and an anti bouncing roller (17) is disposed on the upper wheel box cover (13). The shifting piece (20) is a double layer shifting piece (20) and comprises a shifting piece baseplate (21) and a shifting column plate (22) mounted on the shifting piece baseplate (21) in an overlapped manner. A shifting column (221) is perpendicularly fixed on the shifting column plate (22). Two longitudinal end portions of the shifting column plate (22) are both cut into three subplates (2131 2132 2133 2141 2142 2143) longitudinally arranged in parallel and connection holes (a b c) are disposed on the subplates (2141 2142 2143). Connection spring sheets (23 24) are in parallel sleeve connection with three subplates (2141 2142 2143) longitudinally arranged in parallel of two longitudinal end portions of the shifting piece baseplate (21). The double pipe damping anti bouncing upper wheel device is convenient to mount and use.

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

(21) Application No.10468/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HYBRID VEHICLE DRIVE SYSTEM

(51) International classification :B60K6/365,B60K6/40,B60K6/445

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/JP2013/063320

Filing Date :13/05/2013

(87) International Publication :WO 2014/184852

No

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72)Name of Inventor:

1)OKUWAKI Shigeru 2)ITAGAKI Kenji

3)AIKAWA Hidehumi

4)HAKUMURA Youmei

A drive system (10A) is provided with: a power splitting mechanism (20) wherein a ring gear (R) is connected to an internal combustion engine (11) a sun gear (S) is connected to a first motor generator (MG) (12) and a carrier (C) is connected to a counter shaft (15) so as to be able to transmit power; and a clutch mechanism (24) capable of coupling the sun gear (S) and the ring gear (R). The internal combustion engine (11) the first MG (12) the power splitting mechanism (20) and the clutch mechanism (24) are positioned on the same axis (Ax1). The clutch mechanism (24) is positioned on the opposite side of the internal combustion engine (11) with the first MG (12) and the power splitting mechanism (20) therebetween.

No. of Pages: 22 No. of Claims: 4

(21) Application No.10469/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: INTEGRITY CONTROL METHOD AND MERGING/CONSOLIDATION DEVICE COMPRISING A PLURALITY OF PROCESSING MODULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G05B9/03 :1300917 :18/04/2013 :France :PCT/EP2014/057996 :18/04/2014 :WO 2014/170478 :NA :NA	(71)Name of Applicant: 1)SAGEM DEFENSE SECURITE Address of Applicant: 18/20 Quai du Point du Jour F 92100 Boulogne billancourt France (72)Name of Inventor: 1)ROBERFROID David 2)DEMANGE Jean Luc 3)DESTELLE Michel 4)BECHERET Yves
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(57) Abstract:

The invention concerns a method for controlling the integrity of the value of a piece of navigation information delivered by a merging/consolidation device comprising a plurality of processing modules each generating a navigation solution from measurements coming from one or a plurality of separate navigation devices which involves defining for each processing module a radius of protection corresponding to a given probability of failure characterised in that it involves defining at least one consolidated area that encompasses protection areas centred on the solution values that are output from the processing modules and that correspond to the radii of protection defined for these modules the radius of protection of said merging/consolidation device for said probability of failure itself being defined to correspond to said consolidated area.

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

(21) Application No.10470/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENHANCEMENT OF SHEET DEWATERING USING SOY FLOUR OR SOY PROTEIN

(51) International classification	:D21H21/10,D21F1/66	(71)Name of Applicant:
(31) Priority Document No	:13/938845	1)ECOLAB USA INC.
(32) Priority Date	:10/07/2013	Address of Applicant :370 N. Wabasha Street St. Paul
(33) Name of priority country	:U.S.A.	Minnesota 55102 U.S.A.
(86) International Application No	:PCT/US2014/045665	(72)Name of Inventor:
Filing Date	:08/07/2014	1)DUGGIRALA Prasad
(87) International Publication No	:WO 2015/006272	2)CHENG Weiguo
(61) Patent of Addition to Application	:NA	3)PACE Luiz W.
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and compositions for improving dewatering efficiency during a papermaking or pulp drying process are disclosed. The methods can include a step of adding a dewatering agent solution to a location on a paper machine or pulp drying machine. The dewatering agent solution can include a soy based component. The soy based component can be soy flour or soy protein. The dewatering agent solution can be added to a wet end location of the pulp drying machine or paper machine or it can be sprayed onto a paper sheet prior to entering the press section of a paper machine. Additional dewatering agent solutions can also be added. The additional dewatering agent solutions can include cationic polymers or surfactants.

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

(21) Application No.10454/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SUBSTITUTED5 (3 5 DIMETHYLISOXAZOL 4 YL)INDOLINE 2 ONES

(51) International :C07D413/04,C07D209/04,A61K31/41 classification

(31) Priority Document No:PCT/CN2013/074780

(32) Priority Date :26/04/2013 (33) Name of priority :China country

(86) International

:PCT/CN2014/075257 Application No

:14/04/2014 Filing Date

(87) International

:WO 2014/173241 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)BEIGENE LTD.

Address of Applicant :c/o Mourant Ozannes Corporate Services (Cayman) Limited 94 Solaris Avenue PO Box 1348 George Town KY1 1108 Camana Bay Grand Cayman Cayman Islands U.K.

(72) Name of Inventor:

1)REN Bo

(57) Abstract:

Disclosed are substituted5 (3.5 dimethylisoxazol 4 yl)indoline 2 one compounds pharmaceutical compositions comprising at least one such4substituted5 (3.5 dimethylisoxazol 4 yl)indoline 2 one compound processes for the preparation thereof and the use thereof for inhibiting BET family of bromodomains and for treating disorders mediated thereby such as certain cancers.

No. of Pages: 103 No. of Claims: 17

(21) Application No.10455/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: RANGING MEASUREMENTS USING MODULATED SIGNALS

(32) Priority Date :NA Address of (33) Name of priority country :NA :NA (86) International Application No Filing Date :13/06/2013 Address of (77072 U.S.A. (72)Name of I 1)GOLLA (BURTON ENERGY SERVICES INC. of Applicant :10200 Bellaire Boulevard Houston TX.
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(57) Abstract:

A method for performing ranging measurements within a formation includes transmitting an asymmetric time varying signal from a transmitter (114) disposed within a borehole (106) in the formation. The asymmetric time varying signal may have a signal characteristic that is based at least in part on a downhole characteristic. A (receiver 110) disposed within the borehole (106) may measure a magnetic field induced on an object (103) within the formation by the asymmetric time varying signal. A direction to the object (103) from the borehole (106) may be determined based at least in part on the measurement of the induced magnetic field.

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

(21) Application No.10456/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: COMBINATIONS OF EXTRACTS OF SERENOA REPENS AND LIPOPHILIC EXTRACTS OF ZINGIBER OFFICINALIS AND ECHINACEA ANGUSTIFOLIA THE USE THEREOF AND FORMULATIONS CONTAINING THEM

(51) International (51) International (51) International (52) (53) International (53) Int

classification (31) Priority Document

it :MI2013A000807

No

(32) Priority Date :16/05/2013

(33) Name of priority

:Italy

country

(86) International

Application No :PCT/EP2014/059297 :07/05/2014

Filing Date

(87) International

Publication No :WO 2014/184063

(61) Patent of Addition

to Application Number Filing Date :NA

(62) Divisional to Application Number Filing Date :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)MORAZZONI Paolo

(57) Abstract:

Disclosed are compositions containing an extract of Serenoa repens a lipophilic extract of Zingiber officinalis and a lipophilic extract of Echinacea angustifolia or Zanthoxylum bungeanum.

No. of Pages: 10 No. of Claims: 7

(21) Application No.10457/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LOW ODOR POLYMER LATEX AND COATING COMPOSITION COMPRISING THE SAME

(51) International (71) Name of Applicant: :C08F36/06,C09D103/02,C09D109/00 classification 1)SYNTHOMER DEUTSCHLAND GMBH (31) Priority Document No: NA Address of Applicant: Werrastrasse 10 45772 Marl Germany (32) Priority Date (72)Name of Inventor: :NA 1)EIGEN Claudia (33) Name of priority :NA country 2)PIEPER Martina (86) International 3)SCHOSTAK Bertholt :PCT/EP2013/062542 Application No 4)SCHULZE Uwe :17/06/2013 Filing Date 5)SIMPSON Gareth (87) International 6)VOSS Michael :WO 2014/202116 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 present invention relates to a reaction product obtained by free radical emulsion polymerization in aqueous medium of ethylenically unsaturated monomers comprising at least one conjugated diene in presence of a degraded polysaccharide having a DE of 38 to 70 measured according to ISO 5377 (1981 2 15) and optionally an alkyl mercaptan in an amount of no more than 2.5 weight percent based on the total weight of ethylenically unsaturated monomers to 10 coating compositions comprising said polymer latex to paper or board coated with said coating composition and to processes for making same.

No. of Pages: 26 No. of Claims: 15

(21) Application No.10458/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION METHOD FOR FINE ORGANIC PIGMENT

(51) International :C09B67/02,C09B67/04,C09B67/20

classification (31) Priority Document No

:2013102204 :14/05/2013

(33) Name of priority country: Japan

(86) International Application :PCT/JP2014/062890

:14/05/2014 Filing Date

(87) International Publication :WO 2014/185475

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

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(32) Priority Date

(71)Name of Applicant: 1)KAO CORPORATION

Address of Applicant: 14 10 Nihonbashi Kayabacho 1 chome

Chuo ku Tokyo 1038210 Japan

(72) Name of Inventor:

1)FUKUROI Hironobu

2)SATO Takahiro 3)TSURU Isao

4)SHIMIZU Yusuke

5) UEDA Yasufumi

The present invention provides: a production method [1] for a fine organic pigment that makes it possible to produce a fine organic pigment that has an extremely small primary particle size and that exhibits excellent filterability even in a washing step; a fine organic pigment obtained using this method; a production method for a dispersion that uses the fine organic pigment; a dispersion that is obtained using the production method; and a production method for an ink that is used in the dispersion. The production method [1] for an organic pigment comprises the following steps (1) and (2): a step (1) in which a raw organic pigment a water soluble inorganic salt a water soluble organic solvent and 0.8 18.0 parts by mass of a compound that is represented by formula (1) with respect to 100 parts by mass of the raw organic pigment are blended and the mixture thus obtained is mixed; and a step (2) in which the mixture obtained at step (1) is washed using an aqueous solvent and filtered. Formula (1): RO(PO)(EO)A.

No. of Pages: 88 No. of Claims: 22

(21) Application No.10440/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS FOR ENGINEERING HIGHLY ACTIVE T CELL FOR IMMUNOTHERAPY

(51) International :C12N5/0783,C07K16/28,C07K14/735 classification

(31) Priority Document No:13/892805

(32) Priority Date :13/05/2013 (33) Name of priority :U.S.A. country

(86) International :PCT/IB2014/061412

Application No :13/05/2014 Filing Date

(87) International :WO 2014/184744 Publication No

:NA

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

(72) Name of Inventor:

1)GALETTO Roman 2) GOUBLE Agnes 3) GROSSE Stephanie

(71) Name of Applicant:

1)CELLECTIS

4) SCHIFFER MANNIOUI C"cile

Address of Applicant :8 rue de la Croix Jarry F 75013 Paris

5)POIROT Laurent

6)SCHARENBERG Andrew

7)SMITH Julianne

(57) Abstract:

Filing Date

The present invention relates to methods for developing engineered T cells for immunotherapy and more specifically to methods for modifying T cells by inactivating at immune checkpoint genes preferably at least two selected from different pathways to increase T cell immune activity. This method involves the use of specific rare cutting endonucleases in particular TALE nucleases (TAL effector endonuclease) and polynucleotides encoding such polypeptides to precisely target a selection of key genes in T cells which are available from donors or from culture of primary cells. The invention opens the way to highly efficient adoptive immunotherapy strategies for treating cancer and viral infections.

No. of Pages: 267 No. of Claims: 27

(21) Application No.10441/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MOTORCYCLE SUSPENSION

(51) International classification	:B62K25/16,B62K25/00	(71)Name of Applicant:
(31) Priority Document No	:PD2013A000136	1)PIAGGIO & C. S.P.A.
(32) Priority Date	:16/05/2013	Address of Applicant :V.Le Rinaldo Piaggio 25 I 56025
(33) Name of priority country	:Italy	Pontedera Pisa Italy
(86) International Application No	:PCT/IB2014/060791	(72)Name of Inventor:
Filing Date	:17/04/2014	1)ROSELLINI Walter
(87) International Publication No	:WO 2014/184690	2)PALLINI Simone
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NY 4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motorcycle suspension (4) comprising a fork (8) having a steering bar (12) suitable for connecting mechanically to a steering mechanism of a motorcycle an oscillating bar (24) having a first end (26) at which it forms a junction with said steering bar (12) and a second end (28) at which it connects to a support (32) which houses a rotation pin of an associable wheel (20) so as to turn said rotation pin defining a wheel rotation axis (X X) the motorcycle suspension (4) further comprises a shock absorber unit extending from an attachment head at which it is mechanically connected to the steering bar to an attachment foot (56) at which it is connected to the support (32) by the interposition of mechanical coupling means (70) having a hinge axis (H H) which is contained in a plane perpendicular to the rotation axis of the wheel (X X).

No. of Pages: 24 No. of Claims: 14

(21) Application No.10442/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HERBICIDALLY ACTIVE (ALKYNYL PHENYL) SUBSTITUTED CYCLIC DIONE COMPOUNDS AND DERIVATIVES THEREOF

(51) International :C07C323/22,C07C49/753,C07D309/32

classification

(31) Priority Document :1309679.7

(32) Priority Date :30/05/2013

(33) Name of priority

:U.K. country

(86) International

:PCT/EP2014/061207 Application No :29/05/2014

Filing Date

(87) International

:WO 2014/191535 **Publication No**

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

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

(57) Abstract:

(71)Name of Applicant: 1)SYNGENTA LIMITED

Address of Applicant : European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K.

(72)Name of Inventor:

1)BLACK Janice

2)SCUTT James Nicholas 3)WHALLEY Louisa 4)WILLETS Nigel James

The present invention relates to a compound of formula (I): wherein: X is methyl or chlorine; R is fluorine or bromine; R is ethynyl C Calkoxy C Chaloalkoxy or C Calkoxy C Calkoxy; and Q is a pyran 3 5 dione 4 yl a thiopyran 3 5 dione 4 yl a piperidine 3 5 dione 4 yl a cyclohexane 1 3 5 trione 2 yl a cyclohexane 1 3 dione 2 yl a cycloheptane 1 3 dione 2 yl in which each cyclic dione is bridged by alkanediyl or a derivative thereof (e.g. an enol ketone tautomer derivative thereof) wherein Q is further defined herein; and wherein the compound of formula (I) is optionally present as an agrochemically acceptable salt thereof. Preferably X is methyl; and/or R is fluorine; and/or R is O R wherein R is methyl ethyl trifluoromethyl difluoromethyl trifluoroethyl or CHCHOCH. These compounds are suitable for use as herbicides. The invention therefore also relates to a method of controlling weeds especially grassy monocotyledonous weeds in crops of useful plants comprising applying a compound of formula (I) or a herbicidal composition comprising such a compound to the weeds and/or to the plants and/or to the locus thereof.

No. of Pages: 168 No. of Claims: 22

(21) Application No.10443/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: EXHAUST GAS CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/10,F01N9/00,F01N3/025 (71)Name of Applicant :

(31) Priority Document No :2013102454 (32) Priority Date :14/05/2013

(33) Name of priority country :Japan

(86) International Application :PCT/IB2014/000718

:12/05/2014 Filing Date

(87) International Publication No:WO 2014/184635

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471

8571 Japan

(72)Name of Inventor:

1)SHIBATA Hidetaka

2)MATSUSHITA Tomohiko

3)NAKANO Yasuaki

(57) Abstract:

A reduction process is executed when a catalyst bed temperature is lower than a target temperature of the catalyst bed temperature in a burn off process. When an execution condition for the burn off process is satisfied the reduction process is executed and execution of the burn off process is prohibited until an accumulation amount of sulfur oxide in the oxidation catalyst becomes equal to or less than an allowable amount through the execution of the reduction process.

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

(21) Application No.10472/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: OPTIMIZED PROCESS FOR EXTRACTION OF FERULIC ACID WITH PRETREATMENT

(51) International :C07C51/43,C07C51/47,C07C51/48 classification

(31) Priority Document No :1354533 (32) Priority Date :21/05/2013 (33) Name of priority country: France

(86) International Application :PCT/EP2014/060259

:19/05/2014

Filing Date

(87) International Publication :WO 2014/187784

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

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

4)MARION Philippe

1)RHODIA OPERATIONS

(71)Name of Applicant:

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

(72) Name of Inventor: 1) REVELANT Denis 2)FOUCHER Stphanie 3)HORBEZ Dominique

(57) Abstract:

A process for extraction of ferulic acid present in an aqueous phase obtained by treatment of at least one plant material and also containing polysaccharides is described said process comprising at least the following steps: 1) the treatment of said plant material followed by a solid/liquid separation to recover a solid phase and an aqueous liquid phase comprising the ferulic acid and said polysaccharides 2) the treatment of said liquid phase to selectively separate on the one hand the polysaccharides and on the other hand the ferulic acid present in an aqueous fraction 3) the concentration of said aqueous fraction containing the ferulic acid so as to recover a ferulic acid concentrated stream 4) the recovery of the ferulic acid in solid form.

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

(21) Application No.10473/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHODS OF TREATING AND/OR PREVENTING NAIL DISORDERS AND/OR IMPROVING THE APPEARANCE OF A NAIL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:A61Q3/02 :61/824566 :17/05/2013 :U.S.A. :PCT/US2014/037835 :13/05/2014 :WO 2014/186355 :NA :NA	(71)Name of Applicant: 1)CHESSON LABORATORY ASSOCIATES INC. Address of Applicant:603 Ellis Road Durham North Carolina 27703 U.S.A. (72)Name of Inventor: 1)SWICK Lance L. 2)NEUVILLE Scott E. 3)CHESSON Jerry S.
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(57) Abstract:

Systems and/or methods of treating and/or preventing nail disorders are disclosed herein. Also disclosed herein are systems and/or methods of improving the appearance of a nail. A preferred embodiment of the present invention comprises a method of treating and/or preventing a nail disorder in a subject comprising topically applying a composition comprising a poly(urea urethane) polymer and/or a poly(urea urethane) pre polymer to a nail of said subject thereby treating and/or preventing said nail disorder.

No. of Pages: 45 No. of Claims: 31

(21) Application No.10475/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: TOOL MACHINE TOOL AND METHOD FOR MACHINING WORKPIECES

(51) International classification: B23B29/12,B23C5/00,B23C5/06 (71) Name of Applicant: (31) Priority Document No :10 2013 210 199.6

(32) Priority Date :31/05/2013

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

:PCT/EP2014/061290 No :30/05/2014

Filing Date

(87) International Publication :WO 2014/191566

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

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

(57) Abstract:

1)SAUER ULTRASONIC GMBH

Address of Applicant: Gildemeisterstr. 1 55758 Stipshausen

Germany

(72) Name of Inventor: 1)FEUCHT Florian 2) KETELAER Jens

A tool (20) has a machine side machine connection (21) for connecting the tool to a machine tool (1) for driving the tool in rotation (27) about a rotation axis (29) and for advancing (26) the tool relative to a workpiece a workpiece side tool head (22) having one or more cutting edges (25) for machining a workpiece wherein the diameter (D) of the tool head is greater than 20 mm and wherein the cutting edges (25) of the tool (20) are arranged such that they travel over an area perpendicular to the rotation axis (29) a vibration unit (23) which is designed to set the tool head into rotary vibration (28) about the rotation axis (29) and an energy reception device (24) for receiving wirelessly supplied energy and for supplying electrical energy to the vibration unit (23).

No. of Pages: 23 No. of Claims: 19

(21) Application No.10476/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVEMENTS IN OR RELATING TO REFRIGERATED DISPLAY APPLIANCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/05/2014 :WO 2014/181135 :NA :NA :NA	(71)Name of Applicant: 1)APPLIED DESIGN AND ENGINEERING LTD Address of Applicant: 45 Pinbush Road South Lowestoft Ind. Est. Lowestoft Suffolk NR33 7NL U.K. (72)Name of Inventor: 1)HAMMOND Edward 2)WOOD Ian
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A ducted shelf for an open fronted display unit employing air curtains. The shelf has a supply duct at a lower level communicating with a downwardly facing forward discharge outlet and a return duct at an upper level communicating with an upwardly facing forward return inlet. In front to back section through the shelf a forward supply duct extension in front of the supply duct narrows forwardly above the discharge outlet and a forward return duct extension in front of the return duct reaches downwardly to the lower level of the shelf to lie forwardly of the supply duct. This beneficially reduces the thickness of the front of the shelf.

No. of Pages: 31 No. of Claims: 39

(21) Application No.10478/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PROCESS FOR PREPARING SYNTHETIC PARA EUGENOL

(51) International :C07C41/18,C07C41/30,C07C43/23 classification

(31) Priority Document No :61/859847 :30/07/2013

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

(86) International Application :PCT/IB2014/063563

:30/07/2014 Filing Date

(87) International Publication :WO 2015/015445

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)SABIC INNOVATIVE PLASTICS IP B.V.

Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op

Zoom Netherlands (72) Name of Inventor:

1)SWANINATHAN Shubashree

2) RAMANARAYANAN Ganapathy Bhotla Venkata

(57) Abstract:

Processes are provided for preparing synthetic para eugenol and polysiloxane polycarbonate copolymers including the synthetic para eugenol. In an embodiment a process for synthesizing para eugenol can comprise: a) hydrolyzing methyl 5 allyl 3 methoxysalicylate to form 5 allyl 3 methoxysalicylic acid; b) decarboxylating the 5 allyl 3 methoxysalicylic acid to form a product comprising para eugenol. The polysiloxane polycarbonate copolymer prepared by the process may be isolated by for example anti solvent precipitation followed by vacuum drying.

No. of Pages: 51 No. of Claims: 20

(21) Application No.10480/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: THROMBIN CLEAVABLE LINKER WITH XTEN AND ITS 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 	:A61K38/37 :61/840872 :28/06/2013 :U.S.A. :PCT/US2014/044731 :27/06/2014 :WO 2014/210558 :NA :NA	(71)Name of Applicant: 1)BIOGEN IDEC MA INC. Address of Applicant: 250 Binney Street Cambridge MA 02142 U.S.A. (72)Name of Inventor: 1)CHHABRA Ekta Seth 2)KULMAN John 3)LIU Tongyao
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(57) Abstract:

The present invention provides a chimeric molecule comprising a VWF protein fused to a heterologous moiety via a VWF linker. The invention provides an efficient VWF linker that can be cleaved in the presence of thrombin. The chimeric molecule can further comprise a polypeptide chain comprising a FVIII protein and a second heterologous moiety wherein the chain comprising the VWF protein and the chain comprising the FVIII protein are associated with each other. The invention also includes nucleotides vectors host cells methods of using the chimeric proteins.

No. of Pages: 268 No. of Claims: 111

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : YEAST ALLELES INVOLVED IN MAXIMAL ALCOHOL ACCUMULATION CAPACITY AND TOLERANCE TO HIGH ALCOHOL LEVELS

(71)Name of Applicant: (51) International classification :C12N1/00 1)VIB VZW (31) Priority Document No :13163727.4 Address of Applicant: Rijvisschestraat 120 B 9052 Gent (32) Priority Date :15/04/2013 Belgium (33) Name of priority country :EPO 2)KATHOLIEKE UNIVERSITEIT LEUVEN (86) International Application No :PCT/EP2014/057629 K.U.LEUVEN R&D Filing Date :15/04/2014 (72) Name of Inventor: (87) International Publication No :WO 2014/170330 1)THEVELEIN Johan (61) Patent of Addition to Application :NA 2)GOOVAERTS Annelies Number 3)DUMORTIER Fran
§oise :NA Filing Date 4)FOULQUI‰ MORENO Maria (62) Divisional to Application Number :NA 5)SWINNEN Steve Filing Date :NA 6)MARTINS PAIS Thiago

(57) Abstract:

The present invention relates to a specific yeast allele of KIN3 that is involved in maximal alcohol accumulation and/or in tolerance to high alcohol levels. Preferably said alcohol is ethanol. In a preferred embodiment this specific allele is combined with specific alleles of ADE1 and/or VPS70. More specifically the invention relates to the use of these alleles for the construction and/or selection of high alcohol tolerant yeasts by stacking of positive alleles or the selection and construction of low alcohol producing yeasts by stacking of negative alleles.

No. of Pages: 91 No. of Claims: 14

(21) Application No.10482/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR MANUFACTURING ASPHALTIC SHEET MATERIALS INCLUDING **EXPANDABLE GRAPHITE**

(51) International classification: C08K3/04,D06N5/00,C08L95/00 (71) Name of Applicant: (31) Priority Document No :61/857403 (32) Priority Date :23/07/2013

:WO 2015/013176

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

(86) International Application :PCT/US2014/047391 :21/07/2014

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)FIRESTONE BUILDING PRODUCTS CO. LLC

Address of Applicant :250 West 96th Street Indianapolis

Indiana 46260 U.S.A. (72) Name of Inventor:

1)ZHOU Wensheng 2) HUBBARD Michael J.

(57) Abstract:

A method for producing an asphaltic sheet having expandable graphite dispersed in one or more asphaltic components thereof the method comprising preparing a masterbatch by combining asphalt binder and polymeric modifier at a first temperature cooling the masterbatch to a second temperature where the second temperature is lower than the first temperature adding after said step of cooling expandable graphite to the masterbatch to thereby form an asphaltic composition including expandable graphite and fabricating a sheet with the asphaltic composition including expandable graphite.

No. of Pages: 33 No. of Claims: 16

(21) Application No.10483/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TREATMENT OF CARBONACEOUS FEEDSTOCKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/05/2014 :WO 2014/185957 :NA :NA	(71)Name of Applicant: 1)CIRIS ENERGY INC. Address of Applicant: 9155 East Nichols Avenue Suite 200 Centennial Colorado 80112 U.S.A. (72)Name of Inventor: 1)BARTEK Robert 2)REJAI Bahman
Filing Date	:NA :NA	

(57) Abstract:

A method for treatment of a carbonaceous feedstock such as coal or black liquor is disclosed. The method comprises heating a mixture of the carbonaceous feedstock with or without a solubilizing agent water and an oxidizing agent to solubilize and oxidize carbonaceous materials. In case of oxidation of black liquor at least one organic compound comprising from about 2 to about 20 carbon atoms may be obtained. The reaction products may be chemically or physically separated recycled to the heating step and/or subjected to microbial digestion in order to generate one or more desirable products from the carbonaceous feedstock.

No. of Pages: 71 No. of Claims: 62

(21) Application No.10484/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR PRODUCING A PLURALITY OF MEASUREMENT REGIONS ON A CHIP AND CHIP WITH MEASUREMENT REGIONS

(51) International :G01N27/403,G01N27/30,B01L3/00

classification (31) Priority Document No :10 2013 210 138.4

(32) Priority Date :30/05/2013 (33) Name of priority country: Germany

(86) International :PCT/EP2014/001462

Application No :30/05/2014 Filing Date

(87) International Publication :WO 2014/191114

(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)BOEHRINGER INGELHEIM VETMEDICA GMBH

Address of Applicant :Binger Str. 173 55216 Ingelheim Am Rhein Germany

(72) Name of Inventor: 1)SCHIEBER Markus

2)SCHOEDER Heinz

(57) Abstract:

The invention relates to a method for producing a plurality of measurement regions on a chip said measurement regions being provided with electrodes in order to electrically detect reactions. The aim of the invention is to separate the individual measurement regions from one another in a reliable manner. According to the invention this is achieved in that a monolayer of a fluorosilane is formed on the chip surface said monolayer having highly hydrophobic properties. Thus during a spotting process using liquids the spotted liquid drops can be reliably prevented from combining and thereby leading to a mixture of the liquid drop substances which are to be immobilized on the measurement regions. The invention also relates to such a chip.

No. of Pages: 28 No. of Claims: 38

(21) Application No.10495/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : A METHOD FOR IMPROVING TOUGHNESS OF POLYISOCYANATE POLYADDITION REACTION PRODUCTS

:C08G18/48,C08G18/42 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HUNTSMAN INTERNATIONAL LLC :13170081.7 (32) Priority Date Address of Applicant :500 Huntsman Way Salt Lake City :31/05/2013 (33) Name of priority country Utah 84108 U.S.A. :EPO (86) International Application No :PCT/EP2014/057102 (72) Name of Inventor: Filing Date :09/04/2014 1)VERBEKE Hugo (87) International Publication No :WO 2014/191131 2) VERBEKE Hans Godelieve Guido (61) Patent of Addition to Application 3)ESBELIN Christian :NA Number 4) ASTABURUAGA GUTIERREZ Ainara :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Use of compounds selected from polyols derived from dimer fatty acids and /or dimer fatty alcohols as toughening agent in a process for making polyisocyanate polyaddition reaction products in particular for polyisocyanate polyaddition reaction products having a hardblock > 40 % and a process for making said products.

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

(21) Application No.10496/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: APPARATUS FOR USE WITH POWER TOOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1307935.5 :02/05/2013 :U.K. :PCT/GB2014/050662 :06/03/2014 :WO 2014/177830 :NA :NA	(71)Name of Applicant: 1)TOOLSTREAM LIMITED Address of Applicant: Boundary Way, Lufton Trading Estate, Yeovil Somerset BA22 8HZ (GB). Switzerland (72)Name of Inventor: 1)FIRTH Robert 2)NICHOLSON Marcus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to apparatus (2) for use with one or a number of modules (71 74 78 86) comprising a base (60) with or for the receipt of a power tool (72 76 80 88). The module base (60) is received in a recess aperture (14) or slot defined in a frame (12). Engagement means (68) are provided to allow the module (71 74 78 86) to be releasably engaged in position guide means (142) to allow the accurate introduction and removal of the module (71 74 78 86) from the frame (12) and adjustment means (61) to allow the position of the base (60) of the module (71 74 78 86) and typically the top surface (66) of the same to be adjusted with respect to the frame (12) and typically the top surface (64) of the frame (12).

No. of Pages: 46 No. of Claims: 34

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SMOKING ARTICLE WITH DUAL HEAT CONDUCTING ELEMENTS AND IMPROVED AIRFLOW

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A24F47/00 :13180307.4 :13/08/2013 :EPO	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland
 (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/EP2014/067236 :12/08/2014 :WO 2015/022320 :NA :NA :NA	(72)Name of Inventor: 1)BORGES Ana 2)APETREI BIRZA Cristina 3)KUCHEN David 4)LAVANCHY Frdric 5)POGET Laurent Edouard

(57) Abstract:

A smoking article (2) comprises: a combustible heat source (4) having opposed front (6) and rear (8) faces; an aerosol forming substrate (10) downstream of the rear face (8) of the combustible heat source (4); a first heat conducting element (36) circumscribing a rear portion (4b) of the combustible heat source (4) and at least a front portion (10a) of the aerosol forming substrate (10); a second heat conducting element (38) around at least a portion of the first heat conducting element (36) wherein at least part of the second heat conducting element (38) is radially separated from the first heat conducting element (36); and one or more first air inlets (40) around the periphery of the aerosol forming substrate (10).

No. of Pages: 42 No. of Claims: 18

(21) Application No.10498/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: FORMING TOOL WITH INTEGRAL CUTTING FOR COMPOSITE MATERIALS

(51) International :B29C70/46,B29C70/54,B29C51/00 classification

(31) Priority Document No :61/819683

(32) Priority Date :06/05/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/034886

:22/04/2014

Filing Date

(87) International Publication :WO 2014/182429

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

: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)WENZEL Jeffrey D. 2)TUDOR Jay M.

3)BARPANDA Dev

4)KALEYTA Scott R.

(57) Abstract:

A forming and trimming tool (100) operable to form and trim a composite material part. The tool includes a lower die (150) a core (115) mounted to the lower die at least one lower pressure pad (120) mounted to the lower die and a cutter (125) mounted to the lower die. Additionally the tool includes an upper die (105) a cavity mounted to the upper die and at least one upper pressure pad (110) mounted to the upper die.

No. of Pages: 38 No. of Claims: 20

(21) Application No.10499/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FLOW CONDITIONER AND METHOD OF DESIGNING 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 	:61/825559 :21/05/2013 :U.S.A. :PCT/CA2014/050416 :01/05/2014 :WO 2014/186883 :NA	(71)Name of Applicant: 1)CANADA PIPELINE ACCESSORIES CO. LTD. Address of Applicant: 10653 46th Street S.E. Calgary Alberta T2C 5C2 Canada (72)Name of Inventor: 1)SAWCHUK Daniel 2)SELIRIO Reginald
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flow conditioner includes a single disk having a first side and a second side; an outer ring comprising a plurality of holes wherein the holes extend from the outer ring to the first side of said disk; at least one inner ring recessed from the outer ring said at least one inner ring comprising a plurality of holes wherein the holes extend from the at least one inner ring to the first side of said disk; and a central hole recessed from the at least one inner ring. The plurality of holes in the outer ring and in the at least one inner ring provide fluid passages of unequal length from a first side of the flow conditioner to a second side of the flow conditioner.

No. of Pages: 28 No. of Claims: 16

(21) Application No.10489/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHOTOVOLTAIC DEVICES AND METHOD OF MAKING

(51) International :H01L27/098,H01L27/14,H01L27/142

(31) Priority Document No :13/875739

(32) Priority Date :02/05/2013 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2014/036501

Application No Filing Date :02/05/2014

(87) International :WO 2014/179652

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)FIRST SOLAR INC.

Address of Applicant :350 W. Washington Street 6th Floor

Tempe AZ 85281 U.S.A. (72)Name of Inventor: 1)BLAYDES Holly Ann

2)ANDREINI Kristian William 3)HUBER William Hullinger 4)HINNERS Eugene Thomas 5)SHIANG Joseph John

6)LIANG Yong 7)CHOI Jongwoo

(57) Abstract:

A photovoltaic device is presented. The photovoltaic device includes a layer stack; and an absorber layer is disposed on the layer stack. The absorber layer comprises selenium wherein an atomic concentration of selenium varies across a thickness of the absorber layer. The photovoltaic device is substantially free of a cadmium sulfide layer.

No. of Pages: 44 No. of Claims: 27

(21) Application No.10490/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: STRUCTURED OIL COMPOSITIONS

:A23D9/00,A23L1/00,A23L1/03 (71)Name of Applicant : (51) International classification (31) Priority Document No

:13168069.6 (32) Priority Date :16/05/2013

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2014/059593 Filing Date :12/05/2014

(87) International Publication No: WO 2014/184118

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

:NA Number :NA Filing Date

1)NESTEC S.A.

Address of Applicant :IP Department Av. Nestl 55 CH 1800

Vevey Switzerland (72)Name of Inventor: 1)NAGY Kornl

(57) Abstract:

The present invention relates generally to lipid compositions. In particular the invention relates to compositions comprising a structuring agent dispersed in edible fat. Between 0.1 and 30 wt.% of the structuring agent may be dispersed in between 70 and 99.9 wt.% edible fat. The structuring agent may comprise at least 10 wt.% of diacyclglycerols having a very long chain saturated fatty acid residue with a chain length between 26 and 32 carbons inclusive. The lipid composition may be an organogel. Further aspects of the invention are a food product comprising the lipid composition; the use of the lipid composition as a moisture barrier in a food product; and a method for preparing the lipid composition.

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

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PACKAGES FOR CONSUMABLE PRODUCTS AND METHODS FOR 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 	:B65D21/02,B65D1/02 :61/824981 :17/05/2013 :U.S.A. :PCT/IB2014/061300 :08/05/2014 :WO 2014/184719 :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)GENAW Joel Dean Jr. 2)RODGERS Matthew Blake 3)DZIKOWICZ Anthony Edward
. ,		3)DZIKOWICZ Anthony Edward
Filing Date	:NA	

(57) Abstract:

Packages for housing products and methods of using same are provided. The packages may be used to store consumable products and may be customized contemporary packages that provide easy handling of the packages and increased purchase interest and marketability amongst consumers. In a general embodiment the packages (10) of the present disclosure include a body (12) defining an interior (14) for housing a consumable product. The body includes a bottom surface (20) having a centrally located vertical axis that is substantially perpendicular to the bottom surface a front surface (16) that is substantially convex with respect to the vertical axis and a back surface (18) that is opposed to the front surface and is substantially concave with respect to the vertical axis.

No. of Pages: 32 No. of Claims: 20

(21) Application No.10492/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SMOKING ARTICLE WITH NON OVERLAPPING RADIALLY SEPARATED DUAL HEAT CONDUCTING ELEMENTS

(51) 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 Filing Date (62) Divisional Publication Filing Date (63) International classification Size (13182663.8 (202/09/2013 (202/09/2013 (202/09/2013 (202/09/2013 (202/09/2013 (202/09/2013 (202/09/2014 (202/09/2013 (202/09/2014 (IP MORRIS PRODUCTS S.A. ss of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel d of Inventor :
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(57) Abstract:

A smoking article (2 44 50) comprises: a combustible heat source (4) having opposed front (6) and rear (8) faces; an aerosol forming substrate (10) downstream of the rear face (8) of the combustible heat source (4); a first heat conducting element (36) comprising one or more radially inner layers of heat conductive material overlying a rear portion of the combustible heat source (4); and a second heat conducting element (38 64) comprising one or more radially outer layers of heat conductive material overlying at least a portion of the aerosol forming substrate (10) wherein the one or more radially outer layers of heat conductive material do not overlie the one or more radially inner layers of heat conductive material.

No. of Pages: 48 No. of Claims: 19

(21) Application No.10493/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : DEVICE FOR MEASURING THE OVERFILL OF FILTER ELEMENTS COMPRISING FILTER CAKES IN PRESSURIZED FILTERS

(51) International classification :B01D35/143,B01D29/60,B01D46/24

(31) Priority Document No :2004/13 (32) Priority Date :04/12/2013

(33) Name of priority
:Switzerland

country (86) International

Application No :PCT/CH2014/000087

Filing Date :23/06/2014

(87) International

Publication No :WO 2015/081450

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

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

(71)Name of Applicant:
1)DRM DR. MLLER AG

Address of Applicant : Alte Landstrasse 415 CH 8708

M¤nnedorf Switzerland (72)Name of Inventor:
1)MLLER Patrick

(57) Abstract:

The invention relates to a device for measuring the overfill of filter elements (2 2) comprising a filter cake in the filter housing (1 1). Sensors (8 8) are provided within a filter housing (1 1) for measuring a force. The method according to the invention does not include the addition of a mechanical measuring system. The filter element (2 2) deformation caused upon overfilling is directly measured. The measurement process is therefore not compromised by the cake to be removed. Additionally the measurement process is not just carried out at a specific point but rather over the entire group of elements. This allows the entire filter to be measured and thus monitored thereby providing much better information on the fill state of the filter. In the device for carrying out the method sensors (8 8) are arranged over the filter elements (2 2) at the closed end of the filtrate collection tubes (3 3). In order to separate solids from liquids the solids load is monitored wherein a movement of the filtrate collection tubes (3 3) is detected by means of the sensors (8 8).

No. of Pages: 8 No. of Claims: 3

(21) Application No.10506/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: EXTRACT OF CYNARA SSP. 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 	:A61K36/28,A61P35/00 :RM2013A000312 :29/05/2013 :Italy :PCT/IB2014/061815 :29/05/2014 :WO 2014/191954 :NA :NA	(71)Name of Applicant: 1)ABOCA S.P.A. SOCIETA AGRICOLA Address of Applicant: Frazione Aboca 20 I 52037 Sansepolcro (AR) Italy (72)Name of Inventor: 1)MERCATI Valentino
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an extract of spp. and also to compositions and kits that comprise said extract for the prevention and/or the treatment of a pathological condition characterised by a constitutive activation of the STAT3 transcription factor.

No. of Pages: 66 No. of Claims: 22

(21) Application No.10507/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LIQUID TESTING IMPLEMENT

(51) International classification :A61B3/10,G01N1/12,G01N33/50 (71)Name of Applicant:

(31) Priority Document No :PCT/JP2013/062789

(32) Priority Date :02/05/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/060502

No

:11/04/2014 Filing Date

(87) International Publication

:WO 2014/178274

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

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

(57) Abstract:

1)ECHO ELECTRICITY CO. LTD.

Address of Applicant: 19 Aza Akabane Oaza Kogami Kawamata machi Date gun Fukushima 9601407 Japan

(72)Name of Inventor: 1)HATA Hideaki 2)SHIONO Ryozo

A liquid testing implement comprising a liquid absorbent body (15) and a non liquid absorbent holding body (20) that cylindrically surrounds and closely adheres to the side periphery of the liquid absorbent body (15). The liquid absorbent body (15) is formed with a predetermined thickness and width in the form of a long strip. The holding body (20) comprises a holding base part (11) for covering one face of the liquid absorbing body (15) a surface cover part (19) for covering the other face of the liquid absorbing body (15) and a side part (13) for covering both sides of the liquid absorbing body (15). A liquid contact part (10e) is provided to an end part of the holding part (20). An open part (23) for placing the liquid absorbing body (15) in communication with the exterior is provided to the holding base part (11) or the surface cover part (19). A scale (21) for measuring an amount of liquid is provided between the liquid contact part (10e) and the open part (23).

No. of Pages: 48 No. of Claims: 7

(21) Application No.10508/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD OF AND APPARATUS FOR CORRECTING FOR INTENSITY DEVIATIONS IN A SPECTROMETER

 (51) 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)FOSS ANALYTICAL A/S Address of Applicant:Foss Alle 1 P.O.Box 260 DK 3400 Hilleroed Denmark (72)Name of Inventor: 1)HANSEN Per Waaben
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of determining a pathlength deviation of a sample (610) the method comprising: exposing the sample (610) to electromagnetic radiation at a plurality of wavenumbers determining electromagnetic absorption in the sample (610) at the plurality of wavenumbers determining a first wavenumber associated with a first absorption level of an absorption band and a second wavenumber associated with a second absorption level of the absorption band wherein the second wavenumber is different from the first wavenumber determining a difference between the first wavenumber and the second wavenumber and determining the pathlength deviation based on the difference.

No. of Pages: 32 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MEDIUM DISCHARGE DEVICE AND MEDIUM DISCHARGE 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 	:02/04/2014 :WO 2014/192410 :NA :NA	(71)Name of Applicant: 1)OKI ELECTRIC INDUSTRY CO. LTD. Address of Applicant: 1 7 12 Toranomon Minato ku Tokyo 1058460 Japan (72)Name of Inventor: 1)YOKOKURA Ryuji 2)TAKADA Atsushi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A medium discharge device equipped with: a storage unit that stores a paper sheet shaped medium; a transport unit that transports the medium; multiple discharge ports that discharge the medium; an instruction reception unit that receives an instruction related to the discharge of the medium from multiple external terminal devices; a control unit that on the basis of the instruction dispenses the medium from the storage unit and transports the medium to the discharge ports by means of the transport unit; and a reporting unit that associates the terminal device from which the instruction has been received and the discharge port from which the medium is discharged and reports this information. The reporting unit is equipped with a display unit that displays text figures symbols images colors and levels of brightness or combinations thereof.

No. of Pages: 61 No. of Claims: 12

(21) Application No.10510/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR MANUFACTURING A MULTIPLE MANIFOLD ASSEMBLY HAVING INTERNAL **COMMUNICATION PORTS**

(51) International classification :F28D1/04,F28D1/053,F28F9/02 (71)Name of Applicant :

(31) Priority Document No :61/823591 (32) Priority Date :15/05/2013

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

(86) International Application No:PCT/US2014/037633

Filing Date :12/05/2014 (87) International Publication No: WO 2014/186251

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CARRIER CORPORATION

Address of Applicant :One Carrier Place Farmington CT

06034 U.S.A.

(72) Name of Inventor:

1)TARAS Michael F. 2)POPLAWSKI Bruce J.

3)JOARDAR Arindom 4)ESFORMES Jack Leon 5)SIENEL Tobias H.

6)WOLDESEMAYAT Mel

(57) Abstract:

A method is provided for manufacturing a manifold assembly with internal fluid communication between a first manifold defining a first fluid chamber and a second manifold defining a second fluid chamber of the manifold assembly the first manifold and the second manifold joined in parallel relationship along a longitudinally extending interface between a wall of the first manifold and a wall of the second manifold. The method includes: forming a first access port in a wall of one of the first manifold and the second manifold diametrically opposite the interface; forming a first fluid communication port extending through a wall of the first manifold and a wall of the second manifold at the interface and defining a first fluid passage between the first and second fluid chambers; and sealingly plugging the access port.

No. of Pages: 26 No. of Claims: 20

(21) Application No.10512/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: POLYPROPYLENE FOR FILM APPLICATIONS

(51) International classification: C08F210/06,C08L23/14,C08J5/18 (71) Name of Applicant: (31) Priority Document No :13168771.7

(32) Priority Date :22/05/2013

(33) Name of priority country :EPO

(86) International Application :PCT/EP2014/059592

No :12/05/2014 Filing Date

(87) International Publication :WO 2014/187686

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

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

1)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrae 17 19 A

1220 Vienna Austria (72)Name of Inventor: 1)WANG Jingbo

2) GAHLEITNER Markus

3)LILJA Johanna

(57) Abstract:

Propylene copolymer having a comonomer content in the range of 2.5 to 11.5 mol. % and a melt flow rate MFR (230 °C) in the range of 1.0 to 16.0 g/10min wherein said propylene copolymer is featured by good toughness.

No. of Pages: 43 No. of Claims: 16

(21) Application No.10513/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: JOINING AN ELECTRONIC CONFERENCE IN RESPONSE TO SOUND

(51) International classification :H04N7/14,H04M3/56,H04N7/15 (71)Name of Applicant : (31) Priority Document No :13/897736

(32) Priority Date :20/05/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/036166

:30/04/2014 Filing Date

(87) International Publication :WO 2014/189653

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

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

Address of Applicant: 851 West Cypress Creek Road Fort

Lauderdale Florida 33309 U.S.A.

1)CITRIX SYSTEMS INC.

(72)Name of Inventor:

1)WINTERSTEIN Florian

(57) Abstract:

A technique joins an electronic device to an electronic conference hosted by a conference server. The technique involves sensing by the electronic device sound input. The technique further involves receiving sound from a sound initiating device (e.g. a primary device of a user). The technique further involves automatically establishing based on the sound received from the sound initiating device a communications channel from the electronic device (e.g. a helper device of the user) to the electronic conference hosted by the conference server to enable a user of the electronic device to participate in the electronic conference through the communications channel by using the electronic device. Once the electronic device has joined the electronic conference a user can operate the electronic device in a variety of ways to enhance the overall experience e.g. as a control panel to replace a control panel of the sound initiating device.

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

(19) INDIA

(22) Date of filing of Application: 16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING THE REFRACTIVE PROPERTIES OF AN EYE OF A CHILD

(51) 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 Filing Date (51) International classification (31) Priority Document No (29/04/2013 (29/04/	TERNATIONAL GMBH nstr. 97 73430 Aalen Germany
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(57) Abstract:

The current invention is directed to a system (30) for determining the refractive properties of an eye (10) the system (30) comprising a wavefront measurement device (32) for measuring the refractive properties of the eye (10) characterized in that the system (30) is configured to have at least one measurement mode assigned to children wherein the system (30) has an input device (34) configured to switch the system (30) into one of the at least one measurement mode assigned to children and wherein the system (30) is further configured to alter at least one of a group consisting of a default pupillary distance (54) a default cornea vertex distance (52) a default position (33) of the wavefront measurement device (32) a default position and/or direction of a measurement ray (58) of the wavefront measurement device (32) a default position (47) of a forehead and chin rest assembly (40) of the system (30) and a fixation target (38) when the system (30) is switched into the one of the at least one measurement mode assigned to children.

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

(21) Application No.10515/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PYRAZOLO PYRROLIDIN 4 ONE DERIVATIVES AND THEIR USE IN THE TREATMENT OF **DISEASE**

(51) International :C07D487/04,A61K31/506,A61K31/444

classification

(31) Priority Document :13169448.1

(32) Priority Date :28/05/2013

(33) Name of priority :EPO

country

(86) International

:PCT/IB2014/061743 Application No

Filing Date

:27/05/2014

(87) International

:WO 2014/191911 **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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72) Name of Inventor:

1)BLANK Jutta

2) COTESTA Simona

3)GUAGNANO Vito

4) RUEEGER Heinrich

(57) Abstract:

The present invention provides a compound of formula (I) or a pharmaceutically acceptable salt thereof; a method for manufacturing the pyrazolo pyrrolidin 4 one derivatives and their use as BET inhibitors for the treatment of conditions or diseases such as cancer. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages: 63 No. of Claims: 12

(21) Application No.10516/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PYRAZOLO PYRROLIDIN 4 ONE DERIVATIVES AS BET INHIBITORS AND THEIR USE IN THE TREATMENT OF DISEASE

(51) International :C07D487/04,C07D519/00,A61K31/437

classification

(31) Priority Document :13169441.6

(32) Priority Date :28/05/2013

(33) Name of priority

:EPO country

(86) International

:PCT/IB2014/061736 Application No

Filing Date

:27/05/2014

(87) International

:WO 2014/191906 **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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72) Name of Inventor:

1)BLANK Jutta 2)BOLD Guido

3)COTESTA Simona 4)GUAGNANO Vito

5) RUEEGER Heinrich

(57) Abstract:

The present invention provides a compound of formula (I) or a pharmaceutically acceptable salt thereof; (I) a method for manufacturing the compounds of the invention and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages: 76 No. of Claims: 14

(21) Application No.10520/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: POLYMERIC MICELLE PHARMACEUTICAL COMPOSITION

:A61K47/34,A61K9/107 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NANOCARRIER CO. LTD. :2013105465 (32) Priority Date :17/05/2013 Address of Applicant: 144 15 Chuo 226 39 Wakashiba (33) Name of priority country Kashiwa shi Chiba 2770871 Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2014/063020 1)KATO Yasuki Filing Date :16/05/2014 (87) International Publication No 2)HARADA Mitsunori :WO 2014/185504 (61) Patent of Addition to Application 3)TANAKA Ryosuke :NA Number

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

(57) Abstract:

This polymeric micelle pharmaceutical composition includes block copolymer units (a) which are provided with hydrophilic polymer chain segments and hydrophobic polymer chain segments. The block copolymer units (a) are radially arranged in a state in which the hydrophilic polymer chain segments are directed outwards and the hydrophobic polymer chain segments are directed inwards. The hydrophobic polymer chain segment of each block copolymer unit (a) is configured from repeating units provided with side chains at least one of said side chains being provided with a hydrophilic group.

No. of Pages: 69 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FREEZE DRYING SYSTEM AND FREEZE DRYING 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 	:F26B5/06,F26B21/00 :2013134764 :27/06/2013 :Japan :PCT/JP2014/066910 :25/06/2014 :WO 2014/208631 :NA :NA	(71)Name of Applicant: 1)MAYEKAWA MFG. CO. LTD. Address of Applicant: 14 15 Botan 3 chome Koto ku Tokyo 1358482 Japan (72)Name of Inventor: 1)TSUBATA Kouichi 2)IWAMI Shigeru 3)HIRAGA Youichi 4)ISHITSUKA Nobuya
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The purpose of the present invention is to provide a freeze drying system and a freeze drying method which are capable of improving cleanability and production efficiency by a simple system configuration. The present invention relates to a freeze drying system which performs freeze drying by subliming moisture freezed by cooling an object and is characterized by being provided with a cooling device (3) which has an air cycle for generating cold a freeze drying chamber (2) which houses a heat exchange unit for heat exchange between a refrigerant and the object and a control unit (11) which controls the cooling capacity of the cooling device and in that the control unit adjusts the temperature in the freeze drying chamber to a predetermined target temperature by controlling the cold generation amount of the cooling device.

No. of Pages: 23 No. of Claims: 9

(21) Application No.10522/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DEVICE FOR ADJUSTING THE SEAT INCLINATION OF A MOTOR VEHICLE SEAT

(51) International classification :B60N2/68,B60N2/18,B60N2/62 (71)Name of Applicant :

(31) Priority Document No :10 2013 106 410.8 (32) Priority Date :19/06/2013

(33) Name of priority country :Germany

(86) International Application No:PCT/EP2014/062824

Filing Date :18/06/2014

(87) International Publication No: WO 2014/202667 (61) Patent of Addition to

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)JOHNSON CONTROLS COMPONENTS GMBH & CO

KG

Address of Applicant: Hertelsbrunnenring 2 67657

Kaiserslautern Germany (72) Name of Inventor:

1)ENNS Viktor 2)DILL Thomas 3)WIEGE Jakob

(57) Abstract:

The invention relates to a device for adjusting the seat inclination of a motor vehicle seat comprising a seat frame and a seat shell which are connected to each other in an articulated manner by means of two fastening elements which each extend through a respective accommodating opening on the seat frame and a respective bearing opening on the seat shell. According to the invention in order to provide a device for adjusting the seat inclination for a motor vehicle seat that can be produced simply and installed fully automatically has a lower total weight and has especially high stability the material of the seat shell has a greater material thickness in the region of the bearing openings than in the other regions of the seat shell.

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

(21) Application No.10523/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SPIRAL CROSSFLOW FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/05/2014 :WO 2014/186694 :NA :NA	(71)Name of Applicant: 1)YAEGER Scott P. Address of Applicant:620 Boston Street La Porte IN 46350 U.S.A. (72)Name of Inventor: 1)YAEGER Scott P.
Filing Date	:NA	

(57) Abstract:

The present disclosure describes a spiral cross flow filter permeate tube and spiral cross flow filters incorporating the permeate tube. The permeate tube includes a blocked middle portion a hollow inlet portion comprising a manifold formed by a perforated radially offset section of a cylindrical wall of the inlet portion; and a hollow outlet portion. The hollow outlet portion may optionally include a manifold formed by a perforated radially offset section of the cylindrical wall of the outlet portion.

No. of Pages: 48 No. of Claims: 29

(21) Application No.10524/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS AND COMPOSITIONS FOR WOUND HEALING

(51) International :C07D493/14,A61K31/336,A61K31/122 classification

(31) Priority Document :2013901359

(32) Priority Date :18/04/2013 (33) Name of priority :Australia

country

(86) International

Application No

(87) International

Publication No

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

Filing Date (62) Divisional to

Application Number Filing Date

:17/04/2014 Filing Date

:PCT/AU2014/050018

:WO 2014/169356

:NA

:NA :NA (71)Name of Applicant: 1)QBIOTICS LIMITED

Address of Applicant: 7 Penda Street Yungaburra Queensland

4872 Australia

(72) Name of Inventor:

1)REDDELL Paul Warren 2)GORDON Victoria Anne

3)MOSELEY Ryan

4)STEADMAN Robert

5)MOSES Rachael Louise

6)BOYLE Glen Mathew

7)PARSONS Peter Gordon

(57) Abstract:

The present invention relates to epoxy tigliane compounds and their use in promoting wound healing. In particular embodiments the epoxy tigliane compounds are epoxy tigliaen 3 one compounds. Methods of inducing or promoting wound healing as well as methods of reducing scarring and improving cosmetic outcomes upon healing of a wound are described. Compounds and compositions for use in wound healing are also described.

No. of Pages: 127 No. of Claims: 29

(21) Application No.10445/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING MEDIA DATA IN MULTIMEDIA TRANSPORT SYSTEM

(51) International classification :H04N21/236,H04L29/06 (71)Name of Applicant : (31) Priority Document No :1020130043855 (32) Priority Date :19/04/2013 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2014/003470 Filing Date :21/04/2014

(87) International Publication No :WO 2014/171806 (61) Patent of Addition to Application :NA

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

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant: 129 Samsung ro Yeongtong gu Suwon

si Gyeonggi do 16677 Republic of Korea

(72) Name of Inventor: 1)PARK Kyung Mo 2)HWANG Sung Oh 3)RHYU Sung Ryeul 4)SONG Jae Yeon

(57) Abstract:

A method for transmitting media data in a Moving Picture Experts Group (MPEG) Media Transport (MMT) system is provided. The method includes receiving a Media Processing Unit (MPU) fragmented into one or more Media Fragment Units (MFUs); generating one or more multimedia data packets each including a packet header and a payload based on the MPU and transmitting the one or more multimedia data packets to a terminal. A payload header included in the payload includes identification information indicating an MPU to which at least one MFU included in the payload belongs and a counter indicating the number of the at least one MFU.

No. of Pages: 31 No. of Claims: 7

(21) Application No.10446/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : LOGGING WHILE DRILLING (LWD) STEERING VISUALIZATION TOOL METHODS AND SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01V3/18 :NA :NA :NA :NA :PCT/US2013/045650 :13/06/2013 :WO 2014/200491 :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant:10200 Bellaire Boulevard Houston TX 77072 U.S.A. (72)Name of Inventor: 1)DONDERICI Burkay 2)WU Hsu hsiang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A disclosed method includes acquiring ahead of bit or around bit data related to a formation from measurements by a tool. The method also includes generating a map view of the formation using the acquired data. Various map views and map view features are disclosed. An operator may select one or more of the map views and/or map view features to make steering decisions for a logging while drilling system.

No. of Pages: 48 No. of Claims: 62

(21) Application No.10447/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: OVERFLOW VALVE FOR A HIGH PRESSURE PUMP IN A FUEL INJECTION SYSTEM

(51) International classification :F02M63/00,F02M37/00,F02M69/54

(31) Priority Document No :102013208707.1 (32) Priority Date :13/05/2013 (33) Name of priority

country :Germany

(86) International :PCT/EP2014/055122

Application No
Filing Date

114/03/2014

(87) International :WO 2014/183904

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

Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA
:NA

(71)Name of Applicant : 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)LANGENBACH Christian

(57) Abstract:

The invention relates to an overflow valve for a high pressure fuel pump in a fuel injection system in particular in a common rail injection system comprising a valve element (2) which is accommodated in a displaceable manner in a housing bore (1) for connecting a valve inlet (3) to at least one valve outlet (4 5) and also a spring (7) which is accommodated in a spring space (6) and the spring force of which acts on the valve element (2) in the direction of the valve inlet (3). According to the invention provision is made of a plurality of valve outlets (4 5) each in the form of a bore that opens radially into the housing bore (1) said valve outlets (4 5) in order to form a multistage overflow valve comprising at least one first stage (A) and one second stage (B) having different free flow cross sectional areas and/or being arranged at different axial distances from the valve inlet (3). The invention also relates to a high pressure pump having such an overflow valve.

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

(21) Application No.10449/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: 1234YF AND 1234ZE BASED POLYMERIC MEMBRANE MATERIALS MEMBRANE PREPARATIONS AND USES THEREOF

(51) International :B01D71/32,B01D61/02,B01D69/00

classification

(31) Priority Document No :61/823199 (32) Priority Date :14/05/2013 (33) Name of priority country:U.S.A.

(86) International :PCT/US2014/036334

Application No :01/05/2014 Filing Date

(87) International Publication :WO 2014/186138

(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)HONEYWELL INTERNATIONAL INC.

Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown NJ 07962 2245

U.S.A.

(72) Name of Inventor:

1)LU Changqing 2)POSS Andrew J. 3)SINGH Rajiv R.

(57) Abstract:

The present invention generally relates to polymeric membrane materials formed at least in part from monomeric material selected from 2 3 3 3 tetrafluoropropene (CFCF=CH HFO 1234yf) or 1 3 3 3 tetrafluoropropene (CFCH=CFH HFO 1234ze) and to membrane preparations and uses thereof in water desalination filtration membrane distillation pervaporation and selective gas separation.

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

(21) Application No.11372/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PTFE MATERIAL HAVING AN ANTI CORONA EFFECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:1055386 :02/07/2010 :France :PCT/FR2011/051529 :30/06/2011 :WO 2012/001313 :NA	(71)Name of Applicant: 1)PRODUITS PLASTIQUES PERFORMANTS HOLDING 3P HOLDING Address of Applicant: 8 Route du Perollier BP 34 F 69571 Dardilly cedex France (72)Name of Inventor: 1)CADE David 2)GARRAUD Emmanuel
11	:NA :NA	2)GARRAUD Emmanuel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a material based on high density polytetrafluoroethylene (PTFE) and the applications thereof such as the manufacture of electric cables. The PTFE material according to the invention comprises PTFE a metal oxide a lubricant and a wetting agent.

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

(21) Application No.10422/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HYDROENTANGLED FIBROUS STRUCTURES

(51) International classification :A61F13/537,D04H1/425,D04H1/4258

(31) Priority Document No :61/824431 (32) Priority Date :17/05/2013 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2014/038187

Application No
Filing Date

115/05/2014

(87) International Publication No :WO 2014/186570

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor: 1)VIENS Gerard

2)DODGE Christine R.

3) HUNNIUS Matthias

(57) Abstract:

A hydroentangled fibrous structure. The hydroentangled fibrous structure can be incorporated into an absorbent article. Methods of forming a hydroentangled fibrous structure are also provided.

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

(21) Application No.10424/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MEDIA COMPOSITIONS FOR NEURONAL CELL CULTURE

(51) International classification :C12N5/079,C12N5/0793,C12N5/0797

(31) Priority Document No :61/813034 (32) Priority Date :17/04/2013 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2014/034565

Application No
Filing Date

117/04/2014

(87) International Publication No :WO 2014/172580

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

NA

NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)SALK INSTITUTE FOR BIOLOGICAL STUDIES
Address of Applicant :10010 North Torrey Pines Road La

Jolla CA 92037 U.S.A. (72)Name of Inventor: 1)GAGE Fred H. 2)BARDY Cedric

(57) Abstract:

Provided herein are inter alia are media compositions useful for culturing neural cells. In particular the compositions provided herein mimic important physiological conditions in the living brain and sustain neural activity. The media compositions provided herein improve the efficiency of human neuron maturation and promote synaptic function in long term in vitro cultures.

No. of Pages: 102 No. of Claims: 24

:NA

:NA

:NA

:NA

(21) Application No.10425/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ABSORBENT ARTICLE WITH DUAL CORE

(51) International (71)Name of Applicant: :A61F13/534,A61F13/535,A61F13/537 1) THE PROCTER & GAMBLE COMPANY classification (31) Priority Document Address of Applicant :One Procter & Gamble Plaza Cincinnati :61/821012 Ohio 45202 U.S.A. (72) Name of Inventor: :08/05/2013 (32) Priority Date (33) Name of priority 1)BEWICK SONNTAG Christopher Philip :U.S.A. country 2) ROBLES Miguel Alvaro (86) International :PCT/US2014/037317 Application No :08/05/2014 Filing Date (87) International :WO 2014/182912 Publication No (61) Patent of Addition to

(57) Abstract:

Application Number

Filing Date (62) Divisional to

Application Number

Filing Date

An absorbent article. The absorbent article includes a topsheet having a body contacting surface a backsheet joined to said topsheet and an absorbent core disposed between the topsheet and the backsheet wherein the absorbent core has an upper layer and a lower layer. The lower layer has two density zones.

No. of Pages: 49 No. of Claims: 15

(21) Application No.10426/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PAPPALYSIN REGULATOR

(51) International classification :A61K38/22,C07K14/575,C07K16/26

(31) Priority Document No :PA 2013 70259 (32) Priority Date :10/05/2013

(32) Priority Date :10/03/2013 (33) Name of priority country :Denmark

(86) International :PCT/DK2014/050131

Application No Filing Date :12/05/2014

(87) International Publication No :WO 2014/180485

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

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

(71)Name of Applicant: 1)AARHUS UNIVERSITET

Address of Applicant :Nordre Ringgade 1 DK 8000 Aarhus C

Denmark

(72)Name of Inventor: 1)OXVIG Claus

2)MIKKELSEN Jakob Hauge 3)JEPSEN Malene Runge

(57) Abstract:

A method is provided of decreasing or increasing the activity of a Pappalysin polypeptide by decreasing or increasing the level of interacting Pappalysin and stanniocalcin polypeptides. A method is also provided of preventing treating or ameliorating a clinical condition in a mammalian subject such as a human being said method comprising administering to said mammalian subject such as human being an effective amount of a stanniocalcin polypeptide. Moreover a method is provided of preventing treating or ameliorating a clinical condition in a mammalian subject such as a human being said method comprising administering to said mammalian subject such as human being an effective amount of an agent capable of antagonizing interaction of a stanniocalcin polypeptide with a Pappalysin polypeptide.

No. of Pages: 126 No. of Claims: 76

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PRINTING MATERIAL CARTRIDGE AND PRINTING MATERIAL SUPPLY SYSTEM

(57) Abstract:

A printing apparatus has a cartridge attachment section including a terminal block having apparatus side terminals disposed on its inclined surface and a printing material supply pipe. Among the apparatus side terminals one apparatus side ground terminal located on their center in Y direction is protruded to a greater height than the other plural apparatus side terminals. A printing material cartridge has a circuit board a printing material supply port and a board mount portion that is inclined at an acute angle relative to a plane extended from an opening face of the printing material supply port. The circuit board is arranged such that one cartridge side terminal on the circuit board comes into contact with the apparatus side ground terminal prior to the other cartridge side terminals in the process of attachment of the printing material cartridge to the cartridge attachment section. This arrangement enables the printing material cartridge to be attached in an adequate correct orientation or alignment to the printing apparatus. This arrangement also reduces the possibility of failure caused by application of a high voltage to the circuitry of the printing material cartridge.

No. of Pages: 112 No. of Claims: 23

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : DEVELOPMENT OF ENZYME-SPORE BASED ASSAY (S) FOR MONITORING ANTIBIOTIC RESIDUES IN MILK

(51) International classification :A23 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant: KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI - 110001. Delhi India (72)Name of Inventor: 1)DR. NARESH KUMAR 2)ALIA KHAN 3)SHIVANI ARORA 4)DR. FALGUNI PATRA 5)DR. MEENAKSHI DAHIYA 6)RAGHU H.V 7)DR. MANDEEP BALHARA 8)PRADEEP KUMAR 9)SULEMAN SHAIKH
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(57) Abstract:

Antibiotics are widely used in dairy cattle management for the treatment of diseases and as dietary supplement. The presence of these antibiotic residues in milk is a serious concern in terms of public health and processing especially fermented milk products. The present invention is based on the markers enzyme (s) released during spore germination in presence of specific analyte i.e. antibiotics. For the production of enzyme-spore based assay (s), B. stearothermophillus strains were screened for different enzymes namely acetyl esterase, esculinase, 6-D-galactosidase, B-D-glucosidase, a-D-galactosidase, a-Dglucosidase and a-D-mannosidase etc. and marker enzymes were selected. This is followed by spore production to an extent of 80-85% in novel sporulation medium which primarily contains Beef extract, Peptone, Tryptone and NaCl etc. and subsequently their conversion / germination in spore germination medium containing principal components namely Beef extract. Yeast extract. Peptone, Tryptone, Dextrose, Starch and Agar etc. as germinant and nutrient components. A reproducible, real time, simplified enzyme-spore assay (s) in two stages using solid media was developed. An eppendorf tube containing germination medium seeded with spores was developed based on inhibition by specific analyte i.e. antibiotics in milk and related products. The working principle of enzyme-spore based assay (s) is based on release of specific indicator enzyme (s) by spores during germination which will act specifically on chromogenic substrate resulting in colored reaction end product which is measured semiquantitatively by visual color reaction. The Enzyme-spore based assay (s) exhibits significant correlation with minimal false positive/negative observations at codex recommended concentrations of antibiotics residues when compared with microbial based receptor assay (Charm 11 assay) and ROSA test. The assay showed excellent performance in buffer / or milk system in natural / or spiked sample with wide range of application with different types of milk and milk products like raw milk (cow buffalo mixed), heat treated milk (toned /standardized, double toned, full cream milk) and dried powders. The Enzyme spore based assay (s) has the potential for its commercial application for routine monitoring of milk for antibiotics in milk under Indian condition of milk production and processing.

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

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

(43) Publication Date: 12/02/2016

(54) Title of the invention: MARKER ENZYMES AND SPORE GERMINATION BASED ASSAY FOR DETCTION OF E. COLI IN MILK AND MILK PRODUCTS.

		(71)Name of Applicant :
(51) International classification	:G01N33/543,	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :KRISHI BHAWAN, DR RAJENDRA
(32) Priority Date	:NA	PRASAD ROAD, NEW DELHI - 110001 Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. NARESH KUMAR
Filing Date	:NA	2)DR. RAMAKANT LAWANIYA
(87) International Publication No	: NA	3)DR. AVINASH
(61) Patent of Addition to Application Number	:NA	4)BHAWNA ARORA
Filing Date	:NA	5)RAGHU H.V
(62) Divisional to Application Number	:NA	6)DR. MANDEEP BALHARA
Filing Date	:NA	7)SAURABH KADYAN
		8)VINAI KUMAR

(57) Abstract:

Pathogenic E. coli is recognized as a serious food-borne pathogen associated with numerous disease outbreaks documented in prior art. For its detection in food matrix including milk and milk products, the existing regulatory protocol/ tests working based on conventional culture-based techniques requires 3-4 days for its confirmation. The said assay comprises of interaction of marker enzyme (s) with specific substrate (s) chromogenic or natural resulting in production of detectable signal, which in turn indicates the presence or absence of target microorganism in a milk sample. The invention enables the rapid detection of Coliforms/£ coli and differentiation of E. coli from E. coli 0157:H7in two step procedure, which involves pre-enrichment of target organism based on specific action of target marker enzyme on its chromogenic substrate in developed selective medium resulting in production of vellow/green color product, thus enabling the confirmed detection of target microorganism in step-I. The developed medium proves to be selective as contaminants other than E. coli like Salmonella abony, S. flexneri, Yersinia enterocolitica, Serratia marcescens and Proteus vulgaris were significantly inhibited/ or reduced to a level where, these contaminants failed to give color change even up to 24 h of incubation at 37°C. The assay is rapid and sensitive as the said assay enables the detection of target microorganism i.e. Coliform&/£. coli 12.0± 1.0 hand is capable of detecting the target bacteria at 3 ±1 cfu/ml/g or ml of a sample. In second step, the said assay involves the use of selected marker sugars/substrates for detection purpose that trigger spores to germinate within real time as measured based on fluorescence signal using marker enzyme (s). Different sugars like lactose, cellobiose, methyl-a-Dglucopyranoside, sorbitol, heparan sulphate, sucrose, melibiose, raffmose, p-gentiobiose, methyl-p-D-glucoside, esculin, glycogen and a-Dmannosidase demonstrated their capability to act as germinant for B. megaterium spores. The said spore based assay based on principle of uptake of marker sugars/substrates by the target bacteria thereby reducing the fluorescent signal. The spore based assay is highly rapid and sensitive as the said assay enables the detection and differentiation of generic E. coli from pathogenic strain of E. coli 0157:H7with assay sensitivity of 3 ±lcfii/ml after pre-enrichment of milk sample in EC-SM

No. of Pages: 45 No. of Claims: 13

(21) Application No.10527/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTI REGURGITATION COMPOSITION MAINTAINING GUT MOTILITY

(51) International :A23L1/0524,A23L1/0526,A23L1/29 classification (31) Priority Document No :1354200 (32) Priority Date :07/05/2013

(33) Name of priority :France

country

(86) International :PCT/EP2014/059312

Application No :07/05/2014 Filing Date

(87) International

:WO 2014/180887 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)UNITED PHARMACEUTICALS

Address of Applicant :55 avenue Hoche F 75008 Paris France

(72)Name of Inventor:

1)MARGOSSIAN Jonathan Albert

2)PRADEAU Nicolas

(57) Abstract:

The present invention concerns nutritional compositions intended to prevent or treat regurgitation in infants and young children without altering or indeed while improving their gut motility and/or to prevent and/or treat intestinal disorders in infants or children. The invention also concerns the method for producing this composition.

No. of Pages: 56 No. of Claims: 21

(21) Application No.10528/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LOW CONSTANT PRESSURE INJECTION MOLDING SYSTEM WITH VARIABLE POSITION **MOLDING CAVITIES**

(51) International

:B29C33/38,B29C45/73,B29C45/26

classification

:61/822661

(31) Priority Document No (32) Priority Date

:13/05/2013

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

(86) International Application :PCT/US2014/034259

No

Filing Date

:16/04/2014

(87) International Publication: WO 2014/186086

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

Filing Date

(62) Divisional to Application :NA

Number Filing Date :NA

:NA

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72) Name of Inventor:

1)ALTONEN Gene Michael

(57) Abstract:

A variable position mold system with a plurality of injection systems operable to deliver molten material at a substantially constant pressure of between about 6.89 megapascals (1 000 psi) and about 103.42 megapascals (15 000 psi) to a set of mold cavities of at least one multi cavity injection mold insert when in fluid communication therewith. The multi cavity injection mold inserts have a thermal conductivity of greater than 30 BTU/HR FT °F and have little or no cooling channels therein.

No. of Pages: 85 No. of Claims: 10

(21) Application No.10529/DELNP/2015 A

1)EKOBALANS FENIX AB

(72) Name of Inventor:

1)THELIN Gunnar

Address of Applicant :Scheelev¤gen 22 S 223 63 Lund

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION OF NUTRIENT RICH BIOCHAR FROM A RESIDUAL MATERIAL

(51) International classification :C05F7/00,C02F11/10,C05F3/00 (71)Name of Applicant:

(31) Priority Document No :13506365 (32) Priority Date :24/05/2013

(33) Name of priority country :Sweden

(86) International Application No:PCT/SE2014/050532 Filing Date :30/04/2014

(87) International Publication No: WO 2014/189433

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

Number :NA
Filing Date

:NA

(57) Abstract:

The present invention describes a process for the treatment of a residual product for the production of a biochar said process comprising: providing a residual product material comprising at least phosphorous; said process also involving performing a thermal treatment of the residual product material in a temperature of 800 1100°C in at least a low oxygen containing environment for the for the separation of volatiles in a stream also comprising at least cadmium (Cd) if present and for the production of a nutrient rich biochar comprising phosphorous.

Sweden

No. of Pages: 16 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 12/02/2016

(21) Application No.10530/DELNP/2015 A

(54) Title of the invention: A SHEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/05/2014 :WO 2014/195071 :NA :NA	(71)Name of Applicant: 1)SIEMENS PLC Address of Applicant: Faraday House, Sir William Siemens Square, Frimley, Camberley GUI 6 8QD (GB). U.K. (72)Name of Inventor: 1)CARTWRIGHT Michael 2)WOOTTON Peter
Filing Date	:NA :NA	

(57) Abstract:

A shear comprises a first moveable blade assembly (7); a second fixed blade assembly; a first sensor (22) mounted on the first blade assembly; a second sensor (21) mounted on the second blade assembly; and a first sensor reference block (20) fixedly mounted relative to a fixed datum (23).

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :06/08/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : FACETED TITANIA NANOCRYSTALS DOPED WITH INDIUM OXIDE NANOCLUSTERS CATALYST FOR PHOTOCATALYSIS AND PROCESS THEREOF

(51) International classification	·C30B29/64	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SINHA ANIL KUMAR
(61) Patent of Addition to Application Number	:NA	2)AMOLI VIPIN
Filing Date	:NA	3)MALAYIL GOPALAN SIBI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention deals with faceted titania nanocrystals doped with indium oxide nanoclusters catalyst for photocatalysis and process thereof. A unique nanoheterostructure consisting of indium oxide nanoclusters like species doped on the surface of Ti02 nanocrystals with {101} and {001} exposed facets have been successfully obtained for the first time via a facile hydrothermal method. The asobtained nanocrystals exhibited a truncated tetragonal bipyramidal shape with 6% of the surface having {001} exposed facets. X-ray photoelectron spectroscopy (XPS) analysis of the nanostructures reveals the presence of Ti-O-ln and In-O-ln like species on the surface of nanostructures. The mechanism of shape evolution of these faceted nanostructures was established by systematic analysis of the material at different calcination temperatures using XRD, FESEM, HR-TEM and N2 sorption techniques. We demonstrate for the first time that this material is excellent photocatalyst for hydrogen evolution (23 mmolh-1g-1) from water splitting using methanol as a hole scavenger, under visible light LED (20W) source. These indium oxide nanoclusters doped Ti02 (lnT{001}) single crystals with {101} and {001} exposed facets exhibited 1.6 times higher visible light photocatalytic H2 production than indium oxide nanoclusters doped Ti02 nanocrystals with only {101} facets exposed. To ensure its viability, photocatalysis was also carried out under AM 1.5G solar simulator and a value of 134.5 mmolh-1g-1 is achieved, which is highest reported till date.

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

(21) Application No.10517/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MEMORY SYSTEM WITH REGION SPECIFIC MEMORY ACCESS SCHEDULING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06F13/00 :NA :NA :NA :NA :PCT/CN2013/075692 :16/05/2013 :WO 2014/183287 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One AMD Place Sunnyvale California 94085 U.S.A. (72)Name of Inventor: 1)XU Yi 2)JAYASENA Nuwan S. 3)XIE Yuan
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(57) Abstract:

An integrated circuit device includes a memory controller coupleable to a memory. The memory controller to schedule memory accesses to regions of the memory based on memory timing parameters specific to the regions. A method includes receiving a memory access request at a memory device. The method further includes accessing from a timing data store of the memory device data representing a memory timing parameter specific to a region of the memory cell circuitry targeted by the memory access request. The method also includes scheduling at the memory controller the memory access request based on the data.

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

(21) Application No.10518/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SHIFT BY WIRE TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16H61/32,F16H63/18 :61/825257 :20/05/2013 :U.S.A. :PCT/US2014/038655 :19/05/2014 :WO 2014/189857	 (71)Name of Applicant: 1)TEAM INDUSTRIES INC. Address of Applicant: 105 Park Avenue Northwest Bagley MN 56621 U.S.A. (72)Name of Inventor: 1)MAKI Gregory L. 2)LENK Brandon P.
11		
•		,
(87) International Publication No	:WO 2014/189857	2)LENK Brandon P.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A shift by wire transmission system is provided. The system includes a gearbox that is configured and arranged to receive a rotational input and provide a select rotational output. The gearbox includes a plurality of gear assemblies that are operationally coupled together to provide the select rotational output from the rotational input. A shift assembly is operationally coupled to the plurality of gear assemblies of the gearbox to selectively change gearing of gearbox. An electric motor is operationally coupled to the shift assembly to activate the shift assembly to selectively change the gearing of the gearbox. A manual shift override is employed that is coupled between the shift assembly and the electric motor. The manual shift override is configured and arranged to manually disconnect the electric motor from the shift assembly and activate the shift assembly.

No. of Pages: 49 No. of Claims: 17

(21) Application No.10519/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: VINYL ALCOHOL COPOLYMER AND METHOD FOR PRODUCING SAME

:C08F8/12,C08F216/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :2013088189 1)KURARAY CO. LTD. (32) Priority Date :19/04/2013 Address of Applicant: 1621 Sakazu Kurashiki shi Okayama (33) Name of priority country 7100801 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2014/060891 Filing Date :17/04/2014 1)KUMAKI Yosuke (87) International Publication No :WO 2014/171502 2)TANIDA Tatsuya (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A vinyl alcohol copolymer which is produced by saponifying a copolymer of vinyl acetate and a polyfunctional monomer and which is characterized in that the polyfunctional monomer contains at least two ethylenic double bonds in the molecule the vinyl alcohol copolymer contains an ethylenic double bond in a side chain thereof the ratio (d) of the molar amount of the ethylenic double bond to the total molar amount of a vinyl alcohol unit and a vinyl acetate unit is 0.05/100 to 2/100 and the vinyl alcohol copolymer is soluble in water.

No. of Pages: 37 No. of Claims: 8

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : FAST MESH RESTORATION SYSYTEMS AND METHOD WITH REAL TIME DETECTION OF FAULT LOCATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	12/703 :NA :NA :NA :NA :NA	Address of Applicant :7035 Ridge Road Hanover, MD 21076, USA U.S.A. (72)Name of Inventor: 1)SAREEN, Jatin 2)KHAN, Waseem Reyaz
(87) International Publication No	: NA	3)JUNEJA, Kapil
(61) Patent of Addition to Application Number	:NA	4)KANNAN, Rajagopalan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for fast restoration in a network using a control plane include detecting a failure on a link associated with the node; and providing failure information through in-band data path overhead of an affected connection, wherein the in-band data path overhead is sent over a fast path, wherein the failure information is received at an originating node of the affected connection via the fast path, prior to the originating node receiving control plane signaling via a slow path relative to the fast path.

No. of Pages: 38 No. of Claims: 20

(21) Application No.2238/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOLDERING ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date	:B23K 3/047 :NA :NA	(71)Name of Applicant: 1)MINDA INDUSTRIES LIMITED Address of Applicant: VILLAGE ANWADA FATEHPUR BADDA, MANESAR DISTT. GURGAON, HARYANA-122004,
(33) Name of priority country	:NA	Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ALOK JAUHARI
(87) International Publication No	: NA	2)VALLABHANENI JANARDAN RAO
(61) Patent of Addition to Application Number	:NA	3)KULDEEP
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a soldering assembly for soldering of solder joints of metal contacts and insulated wire simultaneously & the process for soldering. The said soldering assembly comprises of assembly table, Foot paddle assembly, a platform for mounting soldering locator, Fixture for mounting soldering iron. Wire feeder, Control panel. Fume extraction system. Support Bracket for soldering station and Trays for controllers and Cables. It makes good quality spider joint, a less skilled operator can also work to make good quality solder joints. It increase production rate and also not adding the running cost of soldering fixture because no motor or pneumatic or electro pneumatic actuator is used for actuation which consume electricity or air. It also provides a good visualization of status of various steps through LCD display and LEDs on control panel. This soldering device also standardizes the various parts of set up of soldering station, which is cost efficient and having hassle free operation for a long time with no maintenance, only daily cleaning is required.

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

(21) Application No.11327/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS AND COMPOSITIONS FOR CNS DELIVERY OF ARYLSULFATASE A

(51) International

:A61K38/47,A61P25/00,A61P25/28 classification

(31) Priority Document No :61/358857 (32) Priority Date :25/06/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/041926

:25/06/2011

Filing Date

(87) International Publication :WO 2011/163650

(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) SHIRE HUMAN GENETIC THERAPIES INC.

Address of Applicant: 300 SHIRE WAY, LEXINGTON, MASSACHUSETTS 02421 UNITED STATES OF AMERICA

U.S.A.

(72) Name of Inventor:

1)SALAMAT MILLER Nazila

2)TAYLOR Katherine 3)CAMPOLIETO Paul 4)SHAHROKH Zahra

5)PAN Jing

6) CHARNAS Lawrence 7)WRIGHT Teresa Leah 8) CALIAS Pericles

(57) Abstract:

The present invention provides among other things compositions and methods for CNS delivery of lysosomal enzymes for effective treatment of lysosomal storage diseases. In some embodiments the present invention includes a stable formulation for direct CNS intrathecal administration comprising an arylsulfatase A (ASA) protein salt and a polysorbate surfactant for the treatment of Metachromatic Leukodystrophy Disease.

No. of Pages: 178 No. of Claims: 69

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND COMPOSITIONS FOR CNS DELIVERY OF HEPARAN N SULFATASE

		(71)Name of Applicant:
		1)SHIRE HUMAN GENETIC THERAPIES INC
(51) International classification	:A61K38/46,A61K38/00	Address of Applicant :300 SHIRE WAY, LEXINGTON,
(31) Priority Document No	:61/358857	MASSACHUSETTS 02421 UNITED STATES OF AMERICA
(32) Priority Date	:25/06/2010	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/041922	1)NATOLI Farah
Filing Date	:25/06/2011	2)ZHU Gaozhong
(87) International Publication No	:WO 2011/163647	3)TEREW Jennifer
(61) Patent of Addition to Application	:NA	4)JIANG Yuan
Number	:NA	5)TSUNG Jamie
Filing Date	INA	6)SHAHROKH Zahra
(62) Divisional to Application Number	:NA	7)VERNAGLIA Brian
Filing Date	:NA	8)PAN Jing
-		9)PFEIFER Richard
		10)CALIAS Pericles

(57) Abstract:

The present invention provides, among other things, compositions and methods for CNS delivery of lysosomal enzymes for effective treatment of lysosomal storage diseases. In some embodiments, the present invention includes a stable formulation for direct CNS intrathecal administration comprising a heparan N-sulfatase (HNS) protein, salt, and a polysorbate surfactant for the treatment of Sanfilippo Syndrome Type A.

No. of Pages: 177 No. of Claims: 72

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CNS DELIVERY OF THERAPEUTIC AGENTS

(33) Name of priority country (86) International Application No	:A61K38/46 :61/358857 :25/06/2010 :U.S.A. :PCT/US2011/041924 :25/06/2011 :WO 2011/163648 :NA :NA :NA	(71)Name of Applicant: 1)SHIRE HUMAN GENETIC THERAPIES INC Address of Applicant: 300 SHIRE WAY, LEXINGTON, MASSACHUSETTS 02421 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CALIAS Pericles 2)PAN Jing 3)POWELL Jan 4)CHARNAS Lawrence 5)MCCAULEY Thomas 6)WRIGHT Teresa Leah 7)PFEIFER Richard 8)SHAHROKH Zahra
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(57) Abstract:

The present invention provides an effective and less invasive approach for direct delivery of therapeutic agents to the central nervous system (CNS). In some embodiments the present invention provides methods including a step of administering intrathecally to a subject suffering from or susceptible to a lysosomal storage disease associated with reduced level or activity of a lysosomal enzyme a composition comprising a replacement enzyme for the lysosomal enzyme.

No. of Pages: 427 No. of Claims: 86

(21) Application No.11330/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: A FAN ASSEMBLY

(51) International :F24F7/007,F04D25/08,F04D29/58

classification (31) Priority Document No :1013265.2 (32) Priority Date :06/08/2010

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

(86) International Application :PCT/GB2011/051248

:01/07/2011

Filing Date

(87) International Publication :WO 2012/017220

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)DYSON TECHNOLOGY LIMITED

Address of Applicant: Tetbury Hill Malmesbury Wiltshire

SN16 ORP U.K.

(72) Name of Inventor: 1)WALLACE John 2) CHOONG Chang Hin

(57) Abstract:

A fan assembly includes a motor driven impeller for creating an air flow at least one heater for heating a first portion of the air flow means for diverting a second portion of the air flow away from said at least one heater and a casing comprising at least one first air outlet for emitting the first portion of the air flow and at least one second air outlet from emitting the second portion of the air flow. To cool an external surface of the casing at least one second air outlet is arranged to direct at least part of the second portion of the air flow over the external surface.

No. of Pages: 45 No. of Claims: 26

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN IMPROVED AUTOMATIC CHAPATTI MAKING MACHINE

(51) International classification	:A21C11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KIRTI MEHRA
(32) Priority Date	:NA	Address of Applicant: WH=6&7, MAIN ROAD,
(33) Name of priority country	:NA	MAYAPURI, PHASE 1, NEW DELHI - 110064 INDIA Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KIRTI MEHRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a machine and a process for making dough products by adding flour to a container (102). Then, mixing the flour with other ingredients by a structure (109) moved by the assembly (107) associated with the machine. The structure (109) also presses the dough in the container (102). The structure (109) may be a piston (112) and through that piston (112) one rod (114), preferably two, comes out which is used as mixing pin to mix flour and other ingredients to make the dough (110). The assembly (107) may be a screw (116) attached to the piston (112) and a nut (118) is connected to a gear (120). The mixed dough is then dropped to the rotating structure having the heat conducting structure (131). The mixed dough is pressed at pressing station (508) to a shape by a dough shaper (509) associated to the container (102). Finally, the shaped mixed dough is heated by heating source (141) at the heat conducting structure (131) associated to the container (102). FIG. 5

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

(21) Application No.11373/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS FOR THE MANUFACTURE OF A CYCLIC DIESTER OF AN ALPHA HYDROXYACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D319/12 :10169481.8 :14/07/2010 :EPO :PCT/EP2011/061603 :08/07/2011 :WO 2012/007379 :NA :NA	(71)Name of Applicant: 1)SOLVAY SA Address of Applicant: Rue de Ransbeek 310 B 1120 Brussels Belgium (72)Name of Inventor: 1)WAUTIER Henri Georges Ghislain 2)MARCHAND Dominique Fran§ois Achille
(61) Patent of Addition to Application Number	:NA	2)WARCHAND Dominique François Actime
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Process for the manufacture of a cyclic diester of an alpha hydroxyacid comprising heating the alpha hydroxyacid at a temperature from 100 to 250°C in the presence of at least one polyol and of at least one catalyst selected from the group consisting carboxylates and alkoxides of Ti, Zr, Al and Sn.

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

(21) Application No.11374/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: PHTHALAZINONE KETONE DERIVATIVE PREPARATION METHOD THEREOF AND PHARMACEUTICAL USE THEREOF

(51) International :C07D487/04,C07D403/12,A61K31/502

classification

(31) Priority Document :201010248307.5

:09/08/2010 (32) Priority Date

(33) Name of priority

:China country

(86) International

:PCT/CN2011/001223 Application No :26/07/2011 Filing Date

(87) International

Publication No

:WO 2012/019427

(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)JIANGSU HANSOH PHARMACEUTICAL CO. LTD.

Address of Applicant : Economic & Technical Development

Zone Lianyungang Jiangsu 222047 China

(72)Name of Inventor:

1)TANG Pengcho

2)LI Xin

3)LI Xiangqin

4)CHEN Yang

5)WANG Bin

6)ZHU Zhe

(57) Abstract:

A phthalazinone ketone derivative as represented by formula (I) a preparation method thereof a pharmaceutical composition containing the derivative a use thereof as a poly (ADP ribose) polymerase (PARP) inhibitor and a cancer treatment method thereof.

No. of Pages: 62 No. of Claims: 20

(22) Date of filing of Application :29/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM FOR PAINTING A PART OF A MOTOR VEHICLE BODY

(51) International classification:B05D7/00,B05B13/02,B05B13/04 (71)Name of Applicant:

(31) Priority Document No :1055231 (32) Priority Date :29/06/2010

(33) Name of priority country: France

(86) International Application :PCT/FR2011/051521 No

:29/06/2011 Filing Date

(87) International Publication

:WO 2012/001307

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

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

1) COMPAGNIE PLASTIC OMNIUM

Address of Applicant :19 avenue Jules Carteret F 69007 Lyon

(72) Name of Inventor:

1)VIDAL Sophie

(57) Abstract:

The invention relates in particular to a method for painting a part (9) of a motor vehicle body, including the steps of applying a first component to the part (9), enabling said component to spread over said part during a flash-off phase, then applying a second component to said part (9), said part (9) being moved by a manipulator robot (5) in front of a stationary applicator (27, 27, 27) during the two spraying steps, and in front of a flash-off acclration means during the flash-off phase. The invention further relates to a paint booth comprising at least one stationary applicator for applying a paint component to a part (9) supported by an arm of a manipulator robot (5) in the booth, and a means for accelerating the flash-off of the part (9), arranged in the booth such that the part (9) can enter into the field in which said acclration means oprtes by being carried by the same manipulator robot (5).

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

(21) Application No.11379/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSCEIVING DATA IN A MULTI CARRIER WIRELESS COMMUNICATION SYSTEM

(51) International :H04J11/00,H04B7/26,H04W88/02

classification .1104311700,1104W 887

(31) Priority Document No :1020100054026 (32) Priority Date :08/06/2010 (33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2011/004163

No :08/06/2011

(87) International Publication :WO 2011/155759

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

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

Number :NA Filing Date

(71)Name of Applicant:

1)ELECTRONICS AND TELECOMMUNICATIONS

RESEARCH INSTITUTE

Address of Applicant:161 Gajeong dong Yuseong gu Daejeon

305 700 Republic of Korea

(72)Name of Inventor:

1)KO Young Jo 2)SEO Bang Won 3)AHN Jae Young

(57) Abstract:

The present invention relates to a method and apparatus for constructing a control channel and transceiving data in a wireless communication system. User equipment monitors physical downlink control channel (PDCCH) candidates which are CRC scrambled by a cell radio network temporary identifier in a common search space and in a user equipment specific search space. The user equipment regards that only the desired PDCCH is transmitted in the common search space if the PDCCH candidates have a common payload size and same index of first control channel elements thus overcoming problems of ambiguity in detection of DCI.

No. of Pages: 32 No. of Claims: 20

(21) Application No.11380/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS FOR MAKING FILMS FROM NONWOVEN WEBS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/361126 :02/07/2010 :U.S.A.	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)SIVIK Mark Robert 2)DENOME Frank William
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)GORDON Gregory Charles 4)TROKHAN Paul Dennis 5)DREHER Andreas Josef 6)HAMAD EBRAHIMPOUR Alyssandrea Hope 7)MICHAEL John Gerhard

(57) Abstract:

A process for making a film from a nonwoven web by converting the nonwoven web into a film and films and unit dose products made therefrom are provided.

No. of Pages: 109 No. of Claims: 15

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM FOR ENVIRONMENTAL PROFILE GENERATION

(51) International classification	:H03G3/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong, Yeongtong-GU,
(33) Name of priority country	:NA	Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of
(86) International Application No	:NA	Korea
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BUGALIA, Nishant
(61) Patent of Addition to Application Number	:NA	2)TANEJA, Aman
Filing Date	:NA	3)JAIN, Mayank
(62) Divisional to Application Number	:NA	4)KALRA, Prem K
Filing Date	:NA	5)KUMAR, Subodh

(57) Abstract:

The present invention discloses a method generating an environmental profile comprising at least one object. The method comprises capturing at least one parameter in the environment by at least one recording device comprising a point cloud camera, the parameter being associated with either of said at least one user or said at least one object. A change is detected a change based on the captured parameter and an environmental profile is generated based upon the detected change. Additionally the invention discloses a system (300) implementing the aforesaid method.

No. of Pages: 47 No. of Claims: 31

(21) Application No.10479/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: UTENSIL ENABLING TO HOLD AND CUT FOOD WITH ONLY ONE HAND

(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 (88) International Application No SWO 2014/185804 (89) International Publication No SWO 2014/185804 (10) International Publication No SWO 2014/185804 (11) OLIVAL Roberto Alexander (12) Name of Inventor: (13) International Publication Substituting Inventor: (14) OLIVAL Roberto Alexander (15) International Publication No SWO 2014/185804 (16) International Publication No SWO 2014/185804 (17) International Publication No SWO 2014/185804 (18) International Publication No SWO 2014/185804 (18) International Publication No SWO 2014/185804 (19) International Publication No SWO 2014/185804 (19) International Publication No SWO 2014/185804 (10) International Publication No SWO 2014/185804 (10) International Publication No SWO 2014/185804 (10) International Publication No SWO 2014/185804 (11) International Publication No SWO 2014/185804 (12) International Publication No SWO 2014/185804 (13) International Publication No SWO 2014/185804 (14) International Publication No SWO 2014/185804 (15) International Publication No SWO 2014/185804 (16) International Publication No SWO 2014/185804 (17) International Publication No SWO 2014/185804		Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:14/05/2014 :WO 2014/185804 :NA :NA :NA	` '	Drt.
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(57) Abstract:

This invention relates to a utensil enabling to hold and cut food with only one hand and which includes a fork (2) and a knife (5); the fork (2) comprises a slot (1) along the entire holder or handle two laterals (3) which develop downwards from the upper part of the holder or handle and a locking system of the knife s movement (5) over the fork (2); one knife (5) inserted on the rear segment of the fork (2) to which is attached a platform (4) comprising a V shaped flap (7) which is arranged in the upper part of the handle; as well as two juxtaposed detents (8) these being fixed to the knife (5) and located under the flap (7).

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

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: ANTIBODIES FOR EPIDERMAL GROWTH FACTOR RECEPTOR 3 (HER3)

(51) International classification :C07K16/32,A61K39/395,A61P35/00

(31) Priority Document No :61/375408 (32) Priority Date :20/08/2010

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

country (86) International

Application No :PCT/EP2011/064407

Filing Date :22/08/2011

(87) International :WO 2012/022814

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

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

(71)Name of Applicant:

1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor:1)ELIS Winfried2)ETTENBERG Seth3)GARNER Andrew Paul4)HAUBST Nicole

5)KUNZ Christian Carsten Silvester

6) REISINGER SPRAGUE Elizabeth Anne

(57) Abstract:

The present invention relates to antibodies or fragments thereof that target a conformational epitope of a HER receptor. In particular the invention relates to antibodies or fragments thereof that target a conformational epitope of HER3 receptor and compositions and methods of use thereof.

No. of Pages: 261 No. of Claims: 171

(21) Application No.11437/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: OIL SUPPLY DEVICE FOR CONVEYANCE 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 	:B65G45/08 :2010258595 :19/11/2010 :Japan :PCT/JP2011/076425 :16/11/2011 :WO 2012/067154 :NA	(71)Name of Applicant: 1)SENJU METAL INDUSTRY CO. LTD. Address of Applicant: 23 SENJU HASHIDO CHO ADACHI KU Tokyo 1208555 Japan (72)Name of Inventor: 1)HOSOKAWA Kouichiro
(61) Patent of Addition to Application		
Filing Date	:NA	

(57) Abstract:

A reflow device (100) is provided with: a chain (82) for conveying a printed circuit board; an upper rail (10B) along which the chain (82) is made to travel; and an oil supply device (90) provided above the upper rail (10B). A groove (14) is provided on the inner surface side of the upper rail (10B). An upper key material (30) for supporting the upper part of the chain (82) is disposed between the groove (14) and the chain (82). An oil supply hole (16) through which lubricating oil passes is formed at the position of the upper rail (10B) which corresponds to a position above the upper key material (30). The lubricating oil dropped from the oil supply device (90) passes through the oil supply hole (16) in the upper rail (10B) and is applied to the upper surface of the upper key material (30). The lubricating oil applied to the upper surface of the upper key material along a side surface thereof and is supplied to the chain (82). Due to the configuration above the lubricating oil is stably supplied to the chain.

No. of Pages: 31 No. of Claims: 3

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LEASE MANAGEMENT AND BILLING IN A HYPERVISOR MANAGER FOR VIRTUAL MACHINE MANAGEMENT

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O Patent & Technology Law Group
(33) Name of priority country	:NA	MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA	United States of America Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Satish Kumar Govindaraju
(61) Patent of Addition to Application Number	:NA	2)Nisaruddin Shaik
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Adaptive virtual servers with hypervisor managers may be used to manage several hypervisors, including hypervisors of different types. An adaptive virtual server may monitor resource utilization of virtual machines and dynamically assign resources to the virtual machines. Leases for the resources may be managed by a resource lease manager module. A user may be billed for usage of the leased resources by a resource billing module.

No. of Pages: 44 No. of Claims: 18

(21) Application No.2265/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CODE ANALYSIS TOOL FOR ANALYSIS OUTSIDE OF A DEVELOPER SOLUTION

(51) International classification	:G06F3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O Patent & Technology Law Group
(33) Name of priority country	:NA	MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA	United States of America U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Vittal Gundurao
(61) Patent of Addition to Application Number	:NA	2)Gajanan Madhukar Koranne
Filing Date	:NA	3)Dasharatha Raju
(62) Divisional to Application Number	:NA	4)Sunil Dutt Purushotham
Filing Date	:NA	

(57) Abstract:

Code for a business application may be analyzed outside of a developer solution that created the business application. A method for analyzing the business application may include reading model data from a model utility file; loading the model data into a database; receiving a query for interrogating the model data in the database; executing the query by interrogating the model data in the database to obtain a result; and formatting the result for display to a user through web forms.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: EVAPORATOR REFRIGERANT SATURATION DEMAND DEFROST

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:29/06/2011 :WO2012/003202 :NA :NA	(71)Name of Applicant: 1)CARRIER CORPORATION Address of Applicant: 1 Carrier Place Farmington Connecticut 06034 USA U.S.A. (72)Name of Inventor: 1)SENF Raymond Jr.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method is disclosed for controlling initiation of a defrost cycle of an evaporator heat exchanger of a refrigeration system operatively associated with a refrigerated transport cargo box. The method includes the steps of establishing an return air-saturation temperature differential equal to the difference of a sensed air temperature of an air flow returning from the cargo box to pass over the heat exchange surface of the evaporator heat exchanger minus a refrigerant saturation temperature of a flow of refrigerant passing through the evaporator heat exchanger comparing the return air-saturation temperature differential to a set point threshold defrost temperature differential and if the return air-saturation temperature differential exceeds the set point threshold defrost temperature differential initiating a defrost cycle for defrosting the evaporator heat exchanger.

No. of Pages: 29 No. of Claims: 20

(21) Application No.11265/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date: 12/02/2016

(54) Title of the invention: FILTER MEDIA FOR A LIQUID FILTER USING AN ELECTROSPUN NANOFIBER WEB METHOD FOR MANUFACTURING SAME AND LIQUID FILTER USING SAME

(51) International :B01D39/16,B01D69/10,B01D69/02

classification

(31) Priority Document No :1020100062959 (32) Priority Date :30/06/2010 (33) Name of priority country: Republic of Korea (86) International :PCT/KR2011/004810

Application No :30/06/2011 Filing Date

(87) International Publication :WO 2012/002754

(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)AMOGREENTECH CO. LTD.

Address of Applicant: 185 1 Sucham ri Tongjin eup Gimpo si

Gyeonggi do 415 863 Republic of Korea

(72) Name of Inventor:

1)SEO In Yong 2) JO Byung Gwang 3)LEE Seung Hoon 4)JUNG Yong Sik

(57) Abstract:

The present invention relates to a liquid filter and more particularly to a liquid filter using a multilayer nanofiber web and to a method for manufacturing the filter wherein the filter has a multilayer three dimensional microporous structure using an air electrospun multilayer nanofiber web and is thus thin highly efficient and has a long lifespan. The liquid filter of the present invention comprises: a nanofiber web which is formed by stacking nanofibers obtained by air electrospinning polymeric materials for the formation of fibers wherein said nanofiber web has micropores; and a support inserted into one surface or the inside of the nanofiber web and combined with the nanofiber web.

No. of Pages: 33 No. of Claims: 19

(22) Date of filing of Application :06/08/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : CALCIUM INTEGRATED LIPASE-NANOPOROUS ACTIVATED CARBON MATRIX AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:D01D5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GANESAN SEKARAN
(61) Patent of Addition to Application Number	:NA	2)PARANJI SARANYA
Filing Date	:NA	3)THEAGARAJ SAILATHA
(62) Divisional to Application Number	:NA	4)SOMASUNDARAM SWARNALATHA
Filing Date	:NA	5)ASIT BARAN MANDAL

(57) Abstract:

Disclosed herein is calcium integrated lipase - nanoporous activated carbon matrix for the removal of surfactants, that remain chemically unchanged and get discharged into wastewater. In this product, the neutral aliphatic non-polar aminoacid is used as a linkage for binding calcium with the nanoporous activated carbon which in turn binds with the lipase. The calcium in the matrix acts as an in-built enhancer and the matrix can be reused. Calcium integrated lipase - nanoporous activated carbon can be considered as a potential catalyst to remove the chemical surfactants from wastewater.

No. of Pages: 32 No. of Claims: 11

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A ELECTROCHEMICAL REACTOR FOR THE REMOVAL OF POLLUTANTS FROM WASTE WATER

(51) International classification	·C25B1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KANDASAMY SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)SUNDARAM MARUTHAMUTHU
Filing Date	:NA	3)DEEPAK KUMAR PATTANAYAK
(62) Divisional to Application Number	:NA	4)GOPALAKRISHNAN RAJAGOPAL
Filing Date	:NA	

(57) Abstract:

Waste water effluent with colour and odour is electrolysed in an electrochemical reactor having advanced catalyst coated Titanium Substrate Insoluble Anode and Nickel cathode in the presence of added multivalent metal salts and in the presence or absence of added alkali metal halide salts in the electrochemical system. The colour and odour are removed after the electrolysis and the dissolved dye contaminant is removed as insoluble mass. The mass is removed by filtration and filtrate contains only dissolved inorganic salts. The dissolved salt is squeezed out with a standard reverse osmosis system to get purified water stream to be recycled to industrial use.

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

(21) Application No.3263/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMPONENT AND METHOD OF FABRICATING 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) Potent of Addition to Application Number 	:F03B :13/285747 :31/10/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD SCHENECTADY, NEW YORK 12345, USA U.S.A. (72)Name of Inventor: 1)CORREIA, VICTOR HUGO SILVA 2)MANNING, ROBERT FRANCIS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A component for a gas turbine engine (100) is provided. The component includes a cooling aperture (194, 196) and a plug (204) filling at least a portion of the cooling aperture to prevent airflow through the cooling aperture. The plug is configured to melt at a predetermined temperature during operation of the gas turbine engine to permit airflow through the ooling aperture.

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

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM AND METHOD FOR ROLLER FILLING.

(51) International classification(31) Priority Document No	:B65D83/06 :NA	(71)Name of Applicant: 1)NATIONAL ENGINEERING INDUSTRIES LTD
(32) Priority Date	:NA	Address of Applicant :KHATIPURA ROAD, JAIPUR-
(33) Name of priority country	:NA	302001, RAJASTHAN, INDIA Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DUBEY VED PRAKASH
(87) 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 roller filling system and a method for filling rollers in a cage of a bearing are disclosed. The roller filling system includes a roller dropping pipe, a rotating roller guiding mechanism and a roller pusher. The roller dropping pipe receives rollers and further releases the received rollers sequentially therefrom. The rotating roller guiding mechanism includes a plurality of roller fillers and a plurality of recesses. The plurality of roller fillers receives the rollers from the roller dropping pipe. The plurality of recesses is configured between the adjacent roller fillers and receives the rollers from the roller fillers due to rotation of said rotating roller guiding mechanism. The cage is disposed at a central portion of the rotating roller guiding mechanism. The roller pusher pushes at least one roller of the rollers received on at least one recess of the plurality of recesses towards the cage.

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

(21) Application No.1577/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: A COMPARATOR GAUGE.

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL ENGINEERING INDUSTRIES LTD
(32) Priority Date	:NA	Address of Applicant :KHATIPURA ROAD, JAIPUR-
(33) Name of priority country	:NA	302006, RAJASTHAN, IDNIA Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SONI NAND KISHORE
(87) International Publication No	:NA	2)CHAUDHARY BHAGMAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gauge system for measuring a plurality of dimensions of a work piece is disclosed. The gauge system includes a first measurement gauge, a second measurement gauge, a height adjustment mechanism and a linear adjustment mechanism. The first measurement gauge measures a first dimension of a work piece. The second measurement gauge measures a second dimension of a work piece. The height adjustment mechanism is connected to the first measurement gauge and the second measurement gauge for facilitating height adjustment of the first measurement gauge and the second measurement gauge. The linear adjustment mechanism is connected to the first measurement gauge and the second measurement gauge and the second measurement gauge and the second measurement gauge.

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

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LOW COST AND HIGH YIELD ELECTROSPUN POLY(VINYL ALCOHOL) BASED CARBON NANOFIBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F21S 6/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)SANJAY RANGNATH DHAKATE 2)ASHISH GUPTA 3)ANISHA CHAUDHARY 4)RAKESH BEHARI MATHUR
(62) Divisional to Application Number Filing Date	:NA :NA :NA	4)RAKESH BEHARI MATHUK

(57) Abstract:

The process comprising of the development of continuous carbon nanofibers are from low cost polymer Poly (vinylalcohol). In this process PVA nanofibers were produced by electrospinning and stabilized by dehydration reaction using iodine vapors under tension. The stabilized structure was then carbonized at 1000 C for a sufficient time to form carbon nanofibers. The carbon nanofibers carry the same morphology as of starting nanofibers mat.

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

(19) INDIA

(22) Date of filing of Application :15/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CARBURETOR •

(51) International classification	:f16B	(71)Name of Applicant:
(21) Driggity Degument No	:2011-	1)MIKUNI CORPORATION
(31) Priority Document No	251675	Address of Applicant:13-11 Sotokanda 6-chome Chiyoda-
(32) Priority Date	:17/11/2011	ku Tokyo 1010021 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KIYOKAZU SAGEHASHI
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.3520/DEL/2012 A

(57) Abstract:

A carburetor is provided with a cylinder which communicates with an intake passage so as to cross the intake passage in an almost T shape, and a piston valve can move in the cylinder along the axial direction of the cylinder. The carburetor has a needle jet which extends from the intake passage, and a jet needle which extends from the piston valve, is inserted into the needle jet, and moves in the axial direction of the needle jet to adjust an injection amount of fuel. An anode oxide film is provided on an outer face of the jet needle made of aluminum alloy, and a DLC film is provided on the anode oxide film,

No. of Pages: 22 No. of Claims: 2

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : A WIDEBAND COMPACT ANTENNA OF VERY SMALL THICKNESS AND WITH DUAL ORTHOGONAL LINEAR POLARIZATION, OPERATING IN THE V/UHF BANDS

(51) International classification (31) Priority Document No	:G06Q :1104121	(71)Name of Applicant: 1)THALES
(32) Priority Date (33) Name of priority country	:27/12/2011 :France	Address of Applicant :45, RUE DE VILLIERS, - 92200 NEUILLY SUR SEINE, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)LE MEINS, CYRILLE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antenna (2) for emitting/receiving electromagnetic waves of the type comprising two dipoles (16A, 16B) orthogonal to each other, each dipole (16A, 16B) comprising two radiating elements (4), a metal plate (8), and an absorptive structure (6). The radiation elements (4) are all substantially planar, both dipoles (16A, 16B) being substantially comprised in a same plane (P), and the absorptive structure (6) is interposed between the metal plate (8) and the dipoles (16A, 16B) and is laid out in contact with the metal plate (8). Fig. 1

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

(21) Application No.10464/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ALLOY CATALYST MATERIAL

` '	:C25B11/04,C25B1/30,H01M4/92	
(31) Priority Document No	:13165265.3	1)TECHNICAL UNIVERSITY OF DENMARK
(32) Priority Date	:25/04/2013	Address of Applicant :Bygning 101A Anker Engelundsvej 1
(33) Name of priority country	:EPO	DK 2800 Kgs. Lyngby Denmark
(86) International Application	:PCT/EP2014/058431	(72)Name of Inventor:
No	:25/04/2014	1)STEPHENS Ifan
Filing Date	:23/04/2014	2)VERDAGUER CASADEVALL Arnau
(87) International Publication	:WO 2014/174065	3)WICKMAN Bjrn
No	.WO 2014/174003	4)ROSSMEISL Jan
(61) Patent of Addition to	:NA	5)MALACRIDA Paolo
Application Number		6)CHORKENDORFF Ib
Filing Date	:NA	7)SIAHROSTAMI Samira
(62) Divisional to Application	.NT A	8)ESCUDERO ESCRIBANO Mara
Number	:NA	9)KARAMAD Mohammedreza
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel alloy catalyst material for use in the synthesis of hydrogen peroxide from oxygen and hydrogen or from oxygen and water. The present invention also relates to a cathode and an electrochemical cell comprising the novel catalyst material and the process use of the novel catalyst material for synthesising hydrogen peroxide from oxygen and hydrogen or from oxygen and water.

No. of Pages: 40 No. of Claims: 14

(21) Application No.10465/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: IMPROVED PULLEY FOR HIGH EFFICIENCY WINCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/03/2014 :WO 2014/174541 :NA :NA	(71)Name of Applicant: 1)KITE GEN RESEARCH S.R.L. Address of Applicant: Corso Lombardia 63/D Area Produttiva Pescarito I 10099 San Mauro Torinese (TO) Italy (72)Name of Inventor: 1)IPPOLITO Massimo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved pulley (2) for a winch is described in contact with at least one section of rope (1) included between an inlet section connected to a working load and an outlet section (12) connected to a resisting load comprising a plurality of peripheral supports (3 4 5 6) deformable depending on a length variation of such section of rope.

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

(21) Application No.10466/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) I

(43) Publication Date: 12/02/2016

(54) Title of the invention: IMPROVED PULLEY FOR HIGH EFFICIENCY WINCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B66D1/74 :TO2013A000323 :22/04/2013 :Italy :PCT/IT2014/000082 :26/03/2014 :WO 2014/174542 :NA	(71)Name of Applicant: 1)KITE GEN RESEARCH S.R.L. Address of Applicant: Corso Lombardia 63/D Area Produttiva Pescarito I 10099 San Mauro Torinese (TO) Italy (72)Name of Inventor: 1)IPPOLITO Massimo
Filing Date	:26/03/2014	
` /	:WO 2014/174542	
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improved pulley (2) for winch whereby the pulley is in contact with at least one section of rope (1) included between an inlet section (11) connected to a working load and an outlet section (12) with minimum or null tension such pulley (2) comprising a kinematic chain composed of peripheral supports (3).

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

(22) Date of filing of Application :27/02/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMATED SYSTEMS AND METHODS FOR MAKING BRAIDED BARBED SUTURES

(51) International classification	:A61B 17/06	(71)Name of Applicant :
(31) Priority Document No	:12/548,984	1)ETHICON, INC.
(32) Priority Date	:27/08/2009	Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ
(33) Name of priority country	:U.S.A.	08876, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/046927	(72)Name of Inventor:
Filing Date	:27/08/2010	1)DAVID C. LINDH, SR.
(87) International Publication No	:WO 2011/025926	2)JASON T. PERKINGS
(61) Patent of Addition to Application	:NA	3)KRASIMIRA HRISTOV
Number	:NA	4)JESSE G. NA WROCKI
Filing Date	.IVA	5)ROBERT J. TANNHAUSER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for making braided barbed sutures includes a filament winding assembly, and a guide assembly including at least one barbed insert dispenser opening defining a passageway for orienting a barbed insert. The guide assembly is adapted to dispense at least one barbed insert from the dispenser opening into the filament winding assembly for winding a plurality of filaments around the at least one barbed insert for making a braided barbed suture. The passageway of the dispenser opening is adapted to allow longitudinal movement of the barbed insert relative to the passageway while simultaneously preventing twisting movement of the barbed insert relative to the passageway. As the barbed insert is being dispensed, the barbed insert dispenser opening is selectively rotatable for imparting rotation to the barbed insert as the filaments are wound about the barbed insert. The passageway may be an elongated slit having a greater width than height.

No. of Pages: 55 No. of Claims: 25

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PERMANENTROCK WALL SUPPORT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E21D23/00, E21D23/08 :NA :NA :NA :NA	(71)Name of Applicant: 1)NCM INNOVATIONS (PTY) LTD Address of Applicant:109 Adcock Ingram Avenue, Aeroton, Johannesburg, SOUTH AFRICA, South Africa (72)Name of Inventor: 1)CROMPTON, BRENDAN ROBERT 2)PASTORINO, PAOLO ETTORE
(87) International Publication No	: NA	3)CUSTERS, ROBERT JAMES
(61) Patent of Addition to Application Number	:NA	4)SHEPPARD, JAMES WILLIAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a rock wall support system which includes: - a tendon having a flexible elongate body, of a tensile material, with a leading end and a trailing end; - an inflatable tensioning device positioned on the tendon; - a sealing member engaged with the tendon, between the leading end and the tensioning device; - an anchor on the tendon between the leading end and the sealing member; and - a stop on the tendon between the tensioning device and the trailing end.

No. of Pages: 0 No. of Claims: 10

(21) Application No.459/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENGINEERING SINGLE-GENE-CONTROLLED STAYGREEN POTENTIAL INTO 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 	:C12N 15/00 :60/480,861 :23/06/2003 :U.S.A. :PCT/US2004/020180 :22/06/2004 :WO 2005/016504 :NA :NA :407/DELNP/2006	(71)Name of Applicant: 1)PIONEER HI-BRED INTERNATIONAL INC. Address of Applicant:800 CAPITAL SQUARE, 400 LOCUST STREET, DES MOINES, IO 50309, USA U.S.A. 2)THE REGENTS OF UNIVERSITY OF CALIFORNIA (72)Name of Inventor: 1)GALLIE DANIEL R. 2)MEELEY ROBERT 3)YOUNG TODD 4)TIMOTHY GEORGE HELENTJARIS
(62) Divisional to Application Number Filed on	:40 ⁷ /DELNP/2006 :22/06/2004	

(57) Abstract:

The enzymes of the ACC synthase family are used in producing ethylene. Nucleotide and polypeptide sequences of ACC synthases are provided along with knockout plant cells having inhibition in expression and/or activity in an ACC synthase and knockout plants displaying a staygreen phenotype, a male sterility phenotype, or an inhibition in ethylene production. Methods for modulating staygreen potential in plants, methods for modulating sterility in plants, and methods for inhibiting ethylene production in plants are also provided.

No. of Pages: 197 No. of Claims: 35

(21) Application No.11362/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: APPARATUS FOR RELEASING A CUP FROM THE CUP HOLDER OF A FOOD MIXING **MACHINE**

(51) International :A47J43/042,G07F13/10,B67D1/08

classification

(31) Priority Document No :12/803514 (32) Priority Date :28/06/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/000949

No

:27/05/2011 Filing Date

(87) International Publication

:WO 2012/005750

(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)VITA MIX CORPORATION

Address of Applicant: 8615 Usher Road Cleveland Ohio

44138 U.S.A.

(72) Name of Inventor:

1)KOZLOWSKI Eugene J.

(57) Abstract:

A food mixing machine (16) includes an agitator (15) for mixing food in a cup (C). The cup (C) is received in a flexible boot (22) which is carried by a cup holder (21). The cup holder (21) also carries a cup release assembly (23) which is biased away from the cup by springs (24). At the end of the mixing cycle a release initiating assembly (60) engages the cup release assembly (23) which overcomes the bias of the springs (24) and allows the cup release assembly (23) to engage the boot (22) which in turn releases the cup (C) from the cup holder (21).

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

(21) Application No.1422/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CLUTCH RELEASE BEARING

	E4 600 F 10 6	(71)
(51) International classification	:F16C35/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL ENGINEERING INDUSTRIES LTD
(32) Priority Date	:NA	Address of Applicant :KHATIPURA ROAD, JAIPUR -
(33) Name of priority country	:NA	302006, RAJASTHAN, INDIA Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAIN PANKAJ
(87) International Publication No	:NA	2)JARETH MANOJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A clutch release bearing assembly is disclosed. The clutch release bearing assembly includes a housing and a pressure plate. The pressure plate is press fitted into the housing. The pressure plate defines a plurality of formations for positive locking of the pressure plate with the housing rd,

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

(21) Application No.2269/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DIGITAL OPTICAL DISTANCE METER

(51) International classification	:G01S	(71)Name of Applicant:
(31) international classification	17/10	1)SHAHBAZ AHMAD SHEIKH
(31) Priority Document No	:NA	Address of Applicant :HOUSE NO 74, RAZVAN,
(32) Priority Date	:NA	AKALPORA, MAGAM, BEERWAH BUDGAM, KASHMIR,
(33) Name of priority country	:NA	INDIA. Jammu & Kashmir India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAHBAZ AHMAD SHEIKH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention is easy to handle a compared to pervious art like measuring tape radar etc

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

(22) Date of filing of Application: 16/01/2013 (43) Publication Date: 12/02/2016

(54) Title of the invention: FLEXIBLE POLYURETHANE FOAMS MADE FROM ALKOXYLATED NATURAL OIL

(51) International classification: C08J9/04,C08G18/28,C08G18/16 (71) Name of Applicant:

(31) Priority Document No :12/837561 (32) Priority Date :16/07/2010

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

(86) International Application :PCT/US2011/001221 No

:12/07/2011 Filing Date

(87) International Publication :WO 2012/009008

(61) Patent of Addition to

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

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

1)BAYER MATERIALSCIENCE LLC

Address of Applicant: 100 Bayer Road Pittsburgh PA 15205

9741 U.S.A.

(72) Name of Inventor:

1)HAGER Stanley L.

2)BROWNE Edward P.

3) REESE Jack R.

4)WARDIUS Don S.

5)MOORE Micah N.

(57) Abstract:

The present invention provides flexible conventional polyurethane foams made from at least one polyisocyanate and at least one vegetable oil alkoxylated in the presence of a double metal cyanide (DMC) catalyst optionally at least one non vegetable oil based polyol generally in the presence of a blowing agent and optionally in the presence of a surfactant pigment flame retardant catalyst or filler. The alkoxylated natural oil must have (a) an ethylene oxide content in the alkoxylated segment greater than 20% by weight (b) a primary hydroxyl group content of at least 10% with the sum of (a) + (b) being at least 30% but no greater than 60% The alkoxylated natural oils are environmentally friendly bio based polyols which can be used to increase the green content of polyurethane foams without having detrimental effects on foam properties.

No. of Pages: 36 No. of Claims: 27

(21) Application No.9105/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: SELF-SHIELDING TARGET FOR ISOTOPE PRODUCTION 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 	:G06Q :12/763,049 :19/04/2010 :U.S.A. :PCT/US2011/029499 :23/03/2011 :WO 2011/133281 :NA	(71)Name of Applicant: 1)General Electric Company Address of Applicant: 1 River Road Schenectady New York 12345 U.S.A U.S.A. (72)Name of Inventor: 1)ERIKSSON Tomas 2)NORLING Jonas Ove
` '		2)NORLING Jonas Ove

(57) Abstract:

A self-shielding target for isotope production systems is provided. The target includes a body configured to encase a target material and having a passageway for a charged particle beam and a component within the body wherein the charged particle beam induces radioactivity in the component. Additionally at least one portion of the body is formed from a material having a density value greater than a density value of aluminum to shield the component.

No. of Pages: 27 No. of Claims: 28

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: NAVIGATION OR MAPPING APPARATUS & METHOD

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:61/322,325	1)TOMTOM INTERNATIONAL B.V.
(32) Priority Date	:09/04/2010	Address of Applicant :35 Rembrandtplein NL-1017 CT
(33) Name of priority country	:U.S.A.	Amsterdam Netherlands
(86) International Application No	:PCT/EP2010/064149	(72)Name of Inventor:
Filing Date	:24/09/2010	1)VAN SEGGELEN Rob
(87) International Publication No	:WO 2011/124273	2)BOSCHKER Breght
(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 navigation device (200) comprising a display (240) for displaying a digital map to a user a processor (210) configured to access digital map data and cause a digital map to be displayed to a user using the display and a user interface operable by a user to enable the user to interact with the apparatus. The user interface is arranged to allow a user to provide on the displayed digital map displayed to the user an indication of a selected region present in the digital map which the user wishes to include or exclude from a route calculation process. The processor (210) is arranged to determine digital map data relating to the selected region indicated by the user and to calculate a route including or excluding the region.

No. of Pages: 53 No. of Claims: 17

(21) Application No.10444/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LASER SURFACE TREATMENT METHOD AND LASER SURFACE TREATMENT APPARATUS WITH RADIATING THE SURFACE TO BE TREATED ALONG AN ACUTE ANGLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:2013101046 :13/05/2013 :Japan :PCT/IB2014/000738 :08/05/2014 :WO 2014/184642	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor: 1)HISADA Kohei 2)KAWAKITA Atsushi 3)NAKATA Masahiro
` '	:WO 2014/184642 :NA :NA :NA :NA	

(57) Abstract:

A laser surface treatment method according to the present invention is a laser surface treatment method for treating a surface of a workpiece (2) having an irregular shape radiates a laser beam (11) so that the surface of the workpiece (2) which is placed in a direction forming an acute angle with respect to the laser (11) becomes an untreated plane and scanning with the laser (11) so that the surface of the workpiece (2) which is placed in the direction forming an acute angle with respect to the laser (11) becomes an untreated plane.

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

(21) Application No.11405/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: DECOMPOSITION/ELIMINATION METHOD USING A PHOTOCATALYTIC MATERIAL

(51) International classification: B01D53/86,B01J35/02,B01J37/12 (71) Name of Applicant: (31) Priority Document No :2010128977 (32) Priority Date :04/06/2010

:30/05/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/062337

No Filing Date

(87) International Publication :WO 2011/152338

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

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

1)SHOWA CO. LTD.

Address of Applicant: 2443 1 Kita tahara cho Ikoma city Nara

6300142 Japan

(72)Name of Inventor:

1)TAKAYASU Teruki 2)ARAI Teruo

3)ONODA Kinji

(57) Abstract:

Disclosed is a new technique that can use a photocatalytic material to break down compatible new hazardous substances even in fields in which gaseous or liquid hazardous substances need to be broken down rapidly. The disclosed decomposition method using a photocatalytic material is characterized by being capable of rapidly breaking down gaseous or liquid hazardous substances with extremely high efficiency by using a photocatalytic material together with a dilute hydrogen peroxide solution.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :19/02/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HEAD-MOUNTED INDIRECT OPTHALMOSCOPE CAMERA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B19/00 :62/034,828 :08/08/2014 :U.S.A. :NA :NA :NA :NA :NA	,
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(57) Abstract:

The present invention is directed to an indirect ophthalmoscopic system for imaging of the ocular fundus including a headband configured to hold a digital imaging device and a plus eyepiece lens in front of an eye of the examiner, with the plus eyepiece lens positioned in between the digital imaging device and the examinerTMs eye, such that the examiner is focused upon the display of the digital imaging device. The aperture of the digital imaging device acts as the only observation path for rays of light from the ocular fundus of the patientTMs eye, emanating from the patientTMs pupil. The examiner examines the patient and composes the image directly in the display screen. In this way, what the examiner sees is what the examiner captures in the image. The digital imaging device can take the form of a digital camera with a display, a smartphone, or other similar device.

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

(21) Application No.9117/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: DISPENSER AND LIQUID CONTAINER •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B66F :PCT/SE2010/050446 :22/04/2010 :Sweden :PCT/SE2011/050395 :04/04/2011 :WO 2011/133085 :NA :NA	Address of Applicant :S-405 03 Goteborg Sweden Sweden (72)Name of Inventor :
1 (01110 01	:NA :NA :NA	

(57) Abstract:

There is provided a liquid container for a dispenser. A nozzle cap is manged to at least partly enclose the foam pump during storage, trans-port and use of the liquid container. The nozzle cap is integral with the re-placeable liquid container and is displaceable in the first direction (V). The first end surface of the nozzle cap comprises a dispensing opening aligned with the foam pump through which a quantity of said liquid in the form of a foam is discharged upon activation of said foam pump.

No. of Pages: 46 No. of Claims: 35

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: RANDOM GAP INSERTION IN AN OPTICAL RING NETWORK

(51) International classification(31) Priority Document No(32) Priority Date	:H04N :10158220.3 :29/03/2010	(71)Name of Applicant: 1)INTUNE NETWORKS LIMITED Address of Applicant: 9B Beckett Way Park West Business
(33) Name of priority country	:EPO	Park Dublin 12 Ireland
(86) International Application No		(72)Name of Inventor:
Filing Date	:29/03/2011	1)TOM FARELL
(87) International Publication No	:WO 2011/120978	2)SHANE ONEILL
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The invention provides a burst transmission optical fibre wavelength routed ring network and method comprising a plurality of nodes on a network ring where each node can drop and add a wavelength. The network has a control means to control the wavelength to be transmitted on the network ring in a burst transmit mode from each node over a scheduling interval. The invention provides a random generator for generating a plurality of gap intervals over the scheduling interval, such that the gap intervals allow for wavelengths from different nodes to transmit wavelengths in said gaps to achieve a fair access to bandwidth and fair latency in the ring network.

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

(21) Application No.10471/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND APPARATUS FOR CONTROLLING A SHIFT BY WIRE TRANSMISSION

:F16H61/32,F16H63/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TEAM INDUSTRIES INC. :61/825257 (32) Priority Date Address of Applicant: 105 Park Avenue Northwest Bagley :20/05/2013 (33) Name of priority country :U.S.A. MN 56621 U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2014/038662 Filing Date :19/05/2014 1)MAKI Gregory L. (87) International Publication No :WO 2014/189860 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method of controlling a shift by wire transmission is provided. The method monitors a setting of a shift assembly that sets a select gear from gearing of the transmission. A motor is activated to adjust the setting of the shift assembly when the monitoring of the shift assembly indicates that the then current setting of the shift assembly is outside of a course window of a desired gear. The course adjustment window is centered about a nominal target position for the desired gear while being within an acceptable range of the select gear. The motor is shut off when the monitoring of the setting of the shift assembly indicates the setting is within a fine adjustment window of the desired gear. The fine adjustment window is also centered about the nominal target position for the desired gear. The fine adjustment window is narrower than the course adjustment window.

No. of Pages: 49 No. of Claims: 20

(21) Application No.11412/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PARTIAL OXIDATION USING MOLECULAR SIEVE SSZ-70

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:60/639,221 :23/12/2004 :U.S.A.	(71)Name of Applicant: 1)CHEVRON U.S.A. INC. Address of Applicant:6001 BOLLINGER CANYON ROAD, BUILDING T, 3RD FLOOR, SAN RAMON, CA 94583, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:WO 2006/071354 :NA :NA :5403/DELNP/2007 :12/07/2007	1)ZONES, STACEY, I. 2)BURTON, ALLEN, W., JR.

(57) Abstract:

The present invention relates to new crystalline molecular sieve SSZ-70 prepared using a N, N'-diisopropyl imidazolium cation as a structure-directing agent, methods for synthesizing SSZ-70 and processes employing SSZ-70 in a catalyst.

No. of Pages: 59 No. of Claims: 10

(21) Application No.11426/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD FOR THE SURFACE TREATMENT OF A FLUID PRODUCT DISPENSING DEVICE

(51) International classification	:C23C14/48,A61F9/00,A61L2/16	(71)Name of Applicant :
(31) Priority Document No	:1055364	1)APTAR FRANCE SAS
(32) Priority Date	:02/07/2010	Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
(33) Name of priority country	:France	France
(86) International Application No Filing Date	:PCT/FR2011/051552 :01/07/2011	(72)Name of Inventor: 1)BRUNA Pascal 2)BUSARDO Denis
(87) International Publication No	:WO 2012/001330	3)GUERNALEC Frdric
(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 the surface treatment of a fluid product dispensing device. The method comprises a step in which at least one surface to be treated of at least one part of the device is subjected to ion implantation modification using multi energy and multi charged ion beams said modified surface to be treated having anti friction properties. The multi charged ions are selected from among helium (He) nitrogen (N) oxygen (O) neon (Ne) argon (Ar) krypton (Kr) xenon (Xe) and the ion implantation is performed at a depth of between 0 and 3 μ m.

No. of Pages: 35 No. of Claims: 23

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PANELED DECK ASSEMBLY FOR TRANSPORTER 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 	:B23B :12/748,319 :26/03/2010 :U.S.A. :PCT/US2011/029786 :24/03/2011 :WO 2011/119827 :NA :NA	(71)Name of Applicant: 1)JERR- DANN CORPORATION Address of Applicant: 1080 Hykes Road Greencastle Pennsylvania 17225-9647 U.S.A. (72)Name of Inventor: 1)SANJEEV KURIAKOSE 2)JOSEPH G. SMITKA
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A deck assembly for use with a transporter vehicle is provided. The deck assembly includes a fastener, a first deck panel including an upper support surface, a first side wall and a second side wall, the first side wall defining at least one first opening, the second side wall defining at least one second opening and a second deck panel coupled to the first deck panel, the second deck panel including an upper support surface, a first side wall and a second side wall, the first side wall defining at least one first opening, the second side wall defining at least one second opening. The second side wall of the first deck panel is supported adjacent to the first side wall of the second deck panel such that the at least one first opening of the first deck panel is at least partially aligned with the at least one second opening of the second deck panel to define a through hole for the fastener. The fastener is received within the through hole and secures the first deck panel to the second deck panel.

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

(21) Application No.9121/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHOTOVOLTAIC DEVICE WITH TRANSPARENT CONDUCTING 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q :61/320,534 :02/04/2010 :U.S.A. :PCT/US2011/030909 :01/04/2011 :WO 2011/123761 :NA :NA :NA	(71)Name of Applicant: 1)FIRST SOLAR INC. Address of Applicant: 28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor: 1)YU YANG 2)ZHIBO ZHAO 3)BENYAMIN BULLER
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(57) Abstract:

A method of manufacturing structure may include forming a layer including cadmium and tin adjacent to a substrate, annealing the layer in a first annealing environment including a reducing agent, then annealing the layer in a second annealing environment including nitrogen.

No. of Pages: 16 No. of Claims: 39

(21) Application No.188/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :10/01/2011 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED CROSS-LINKED COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08H1/00 :61/129,322 :18/06/2008 :U.S.A. :PCT/IB2009/052605 :18/06/2009 :WO 2009/153750 :NA :NA :NA	(71)Name of Applicant: 1)LIFEBOND LTD Address of Applicant:P.O. BOX 3048 HA-ESHEL 7, INDUSTRIAL PARK 38900, CAESAREA, ISRAEL, Israel (72)Name of Inventor: 1)ORAHN PREISS-BLOOM 2)ISHAY ATTAR 3)NATALIE IRAM 4)CHAGAI KOMLOS 5)MEIR HABER
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(57) Abstract:

Improved compositions comprising a cross-linkable protein or polypeptide, and a non-toxic material which induces cross-linking of the cross-linkable protein. The compositions are optionally and preferably prepared in a non-phosphate buffer solvent. Optionally and preferably, the cross-linkable protein includes gelatin and any gelatin variant or variant protein as described herein. Optionally and preferably, the non-toxic material comprises transglutaminase (TG), which may optionally comprise any type of calcium dependent or independent transglutaminase, which may for example optionally be a microbial transglutaminase (mTG).

No. of Pages: 154 No. of Claims: 109

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD FOR MANUFACTURING MULTI-BARRIER LAYER BLOW MOLDED CONTAINERS

(51) International classification	:B29C49/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRINTPACK ILLINOIS, INC.
(32) Priority Date	:NA	Address of Applicant :1400 Abbott Drive, Elgin, Illinois
(33) Name of priority country	:NA	60123, United States of America, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIVEK A. CHOUGULE
(87) International Publication No	: NA	2)RABEH H. ELLEITHY
(61) Patent of Addition to Application Number	:NA	3)DAVID T. FOSTER
Filing Date	:NA	4)HAROLD S. BOWEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods of making containers are provided, including providing a material sheet having at least two barrier layers and at least two polymer layers, forming the material sheet into a tube, sealing the tube at a seal area, and blow molding the tube to form a container in which the at least two barrier layers form a substantially continuous barrier at the seal area.

No. of Pages: 19 No. of Claims: 21

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS OF AND APPARATUS FOR DISPLAYING MAP 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 Filing Date 	:H04N :61/322,325 :09/04/2010 :U.S.A. :PCT/EP2010/064765 :04/10/2010 :WO 2011/124276 :NA :NA :NA	(71)Name of Applicant: 1)TOMTOM INTERNATIONAL B.V. Address of Applicant:Rembrandtplein 35 NL-1017 CT Amsterdam Netherlands 2)TOMTOM SOFTWARE LIMITED (72)Name of Inventor: 1)PALLETT Gary 2)BOSCHKER Breght
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(57) Abstract:

In a system that uses tile-based road network rendering for displaying map information to a user a tile is rendered for display by rendering a front tile (20) with an appropriate texture to depict e.g. the ground and a see-through shape (22) representing a feature that is below the ground level and rendering a rear tile (21) that has drawn on it an image region (23) representing the intended below ground level feature surrounded by a colour or texture (24) that represents a border for that feature to appear behind and slightly offset relative to the front tile (20) such that the image region (23) and its corresponding border (24) on the rear tile (21) can be seen through the see-through shape (22) in the front tile (20). In this way a more visually appealing depiction of the below ground level feature can be achieved.

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

(21) Application No.9111/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: NAVIGATION OR MAPPING APPARATUS & 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 	:24/09/2010 :WO 2011/124272	(71)Name of Applicant: 1)TOMTOM INTERNATIONAL B.V. Address of Applicant: Rembrandtplein 35 NL-1017 CT Amsterdam Netherlands (72)Name of Inventor: 1)BOSCHKER Breght 2)VAN SEGGELEN Rob
Filing Date (87) International Publication No	:24/09/2010	1)BOSCHKER Breght
(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 navigation device (200) comprising a display (240) for displaying a digital map to a user a processor (210) configured to access digital map data and cause a digital map to be displayed to a user using the display and a user interface operable by a user to enable the user to interact with the apparatus. The user interface is arranged to allow a user to select a continuous region present in the digital map by providing one or more indications on the digital map displayed to the user. The processor (210) is arranged to determine digital map data relating to the selected continuous region and to carry out one or more mapping or navigation operations using the determined digital map data. The processor may calculate a route using a path selected on the map by a user.

No. of Pages: 66 No. of Claims: 19

(21) Application No.9112/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: NAVIGATION OR MAPPING APPARATUS & 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 	:H04N :61/322,325 :09/04/2010 :U.S.A. :PCT/EP2010/064151 :24/09/2010 :WO 2011/124274 :NA	(71)Name of Applicant: 1)TOMTOM INTERNATIONAL B.V. Address of Applicant: 35Rembrandtplein NL-1017 CT Amsterdam Netherlands (72)Name of Inventor: 1)VAN SEGGELEN Rob 2)BOSCHKER Breght
` /	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a navigation device (200) comprising a display (240) for displaying a digital map to a user a processor (210) configured to access digital map data and cause a digital map to be displayed to a user using the display and a user interface operable by a user to enable the user to interact with the apparatus. The user interface is arranged to allow a user to provide on the displayed digital map displayed to the user an indication of a selected region present in the digital map. The processor (210) is arranged to determine digital map data relating to the selected region indicated by the user and to carry out one or more operations relating to the selected region using the determined digital map data.

No. of Pages: 57 No. of Claims: 20

(21) Application No.10485/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : A METHOD OF DETERMINING VIRUS REMOVAL FROM A SAMPLE CONTAINING A TARGET PROTEIN USING ACTIVATED CARBON

(57) Abstract:

The present invention provides methods for determining whether activated carbon can be used for removing viruses or a certain virus from a sample containing a target protein.

No. of Pages: 40 No. of Claims: 17

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A ROTOR ASSEMBLY FOR AN OPEN CYCLE ENGINE AND AN OPEN CYCLE 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 	:29/04/2014 :WO 2014/178731 :NA :NA	(71)Name of Applicant: 1)XEICLE LIMITED Address of Applicant:5/F Yat Chau Building 262 Des Voeux Road Central Hongkong(China) (72)Name of Inventor: 1)LYNN Robert Gulliver
Filing Date	:NA	

(57) Abstract:

A rotor assembly for an engine comprising: a rotor supported on bearings for axial rotation a rotor portion forming a compression passage extending outwards from the axis gases entering the rotor through inlets at the axis and flowing outwards through the compression passage; a combustion chamber supported within the compression passage near the maximum radius of the rotor having a closed outer end and combustion chamber gases inlets through which gases enter the combustion chamber each combustion chamber having a fuel inlet and; one or more expansion passages in fluidic connection with and extending radially inwards from the combustion chamber within a compression passage and fluidically connecting at or near the rotor axis to a combustion gas outlet tube that extends along the rotor axis combustion gases created by combustion of fuel with inlet gases within the combustion chamber expanding as they flow inwards through the expansion passage.

No. of Pages: 177 No. of Claims: 208

(21) Application No.10487/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : WATER FREE SURFACE SIZING COMPOSITION AND METHOD FOR TREATING A PAPER SUBSTRATE WITH 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 	:13/06/2014 :WO 2014/201344 :NA :NA	(71)Name of Applicant: 1)ECOLAB USA INC. Address of Applicant: 370 N. Wabasha Street St. Paul Minnesota 55102 U.S.A. (72)Name of Inventor: 1)SANAPO Gabriel Fernando 2)JACQUES Matieu 3)GIGUERE Tommy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Water free compositions suitable for application as a surface size to a cellulosic substrate and methods of applying the water free compositions to the surface of a cellulosic substrate.

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

(21) Application No.10488/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS OF SEMI-CENTRALIZED POWER STORAGE AND POWER PRODUCTION FOR MULTI-DIRECTIONAL SMART GRID AND OTHER APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:29/04/2014 :WO 2014/182498 :NA	(71)Name of Applicant: 1)EXPANSION ENERGY LLC Address of Applicant: 26 Leroy Avenue Tarrytown NY 10591 U.S.A. (72)Name of Inventor: 1)VANDOR David
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods of semi centralized power storage and distributed power generation comprise at least one power storage facility at a first location at least one distributed power generation facility at a second location different than the first location and at least one mobile stored power transportation unit. The power storage facility includes a power storage medium comprising liquid air nitrogen oxygen or a combination thereof. The mobile stored power transportation unit is configured to carry at least a portion of the power storage medium to the distributed power generation facility. In exemplary embodiments the power storage facility is an air separation plant. The power storage facility may also function as an energy service company.

No. of Pages: 60 No. of Claims: 29

(21) Application No.9128/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: ONCE THROUGH VERTICAL EVAPORATORS FOR WIDE RANGE OF OPERATING **TEMPERATURES**

(51) International classification: F22B1/18,F22B29/06,F22B35/16 (71) Name of Applicant: (31) Priority Document No :12/751119

(32) Priority Date :31/03/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/024041

:08/02/2011 Filing Date

(87) International Publication :WO 2011/126601

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

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

Number :NA Filing Date

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72) Name of Inventor: 1)BAUVER II Wesley P.

(57) Abstract:

An evaporator 100 for steam generation is presented. The evaporator 100 includes a plurality of primary evaporator stages 110 and a secondary evaporator stage 150. Each primary stage 110 includes one or more primary arrays of heat transfer tubes 120 160 an outlet manifold 135 coupled to the arrays 120 160 and a downcomer 137 coupled to the manifold 135. Each of the primary arrays 120 has an inlet for receiving a fluid and is arranged transverse to a flow of gas through the evaporator 110. The gas heats the fluid flowing through the arrays 120 160 to form a two phase flow. The outlet manifold 135 receives the two phase flow from the arrays 120 160 and the downcomer 137 distributes the flow as a component of a primary stage flow. One or more of the plurality of primary evaporator stages 110 selectively form the primary stage flow from respective components of the two phase flow and provide the primary stage flow to inlets of the secondary evaporator stage 150.

No. of Pages: 17 No. of Claims: 8

(22) Date of filing of Application :07/08/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : SMILING WHEELS, WORLD'S MOST COMPACT AND MOST COST EFFICIENT MOBILE DENTAL CLINIC.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06Q 50/24 :NA	WEST),
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(57) Abstract:

The present invention relates to the field of dental and oral health care. Particularly, the present invention relates to the field of a mobile dental clinic, a car which is equipped with latest dental technologies, to examine and treat with minimum man power and space required to provide maximum of work output and cost efficiency. Background of the invention: Oral and dental health is important part for a persons well being. In urban areas, hospitals have dental setups where patient get examined and treated. In the area where there are no dental hospitals, mobile dental vans are useful. The drawbacks of currently present dental vans are: 1. They cannot go to small areas because of their large size 2. Very costly to buy 3. Maintenance cost is high 4. Require more man power

No. of Pages: 5 No. of Claims: 4

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A SYSTEM AND METHOD FOR SECURITY ENHANCEMENT

(51) International Arms ("anti-arms)	.110.433/12/02	(71) N 6 A
(51) International classification	:H04W12/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE REGISTRAR, GRAPHIC ERA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :566/6, Bell Road, Clement Town,
(33) Name of priority country	:NA	Dehradun 248002, Uttarakhand, India Uttarakhand India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOYAL, Puneet;
(87) International Publication No	: NA	2)KHANNA, Nitin;
(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 thereof for secure authentication using multimedia contents set particular to user (MCSPU) and user specified parameters is disclosed. A host system (106) for performing an authentication with a user system (102) is disclosed. The host system (106) comprises of a processor (202); and a memory (206) coupled to said processor (202) for executing a plurality of modules present in said memory (206). For the authentication (while logging in or performing a transaction), the host system would provide to the user one or more elements belonging to MCSPU, after embedding, within the elements the authentication related critical information using the user specific parameters. The proposed method ensures the user that the response is coming from authentic system. In case of suspicious user behavior, the parameters or multimedia contents not specific to the user could be used.

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: COATED ARTICLE HAVING LOW E COATING WITH ABSORBER LAYER(S)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C03C17/36 :12/662562 :22/04/2010 :U.S.A. :PCT/US2011/000606 :05/04/2011 :WO 2011/133201 :NA :NA :NA	(71)Name of Applicant: 1)CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A.(C.R.V.C.) Address of Applicant: Zone Industrielle Wolser L 3452 Dudelange Luxembourg 2)GUARDIAN INDUSTRIES CORP. (72)Name of Inventor: 1)KNOLL Hartmut 2)BUTZ Jochen 3)KRILTZ Uwe 4)DISTELDORF Bernd 5)FERREIRA Jose 6)PALLOTTA Pierrot
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(57) Abstract:

A coated article is provided having a coating supported by a glass substrate where the coating includes at least one color and/or reflectivity adjusting absorber layer. The absorber layer(s) allows color tuning and reduces the glass side reflection of the coated article and/or allows sheet resistance of the coating to be reduced without degrading glass side reflection. In certain example embodiments the absorber layer is provided between first and second dielectric layers which may be of substantially the same material and/or composition. In certain example embodiments the coated article is capable of achieving desirable transmission together with desired color low reflectivity and low selectivity when having only one infrared (IR) reflecting layer of silver and/or gold. Coated articles according to certain example embodiments of this invention may be used in the context of insulating glass (IG) window units monolithic windows or the like.

No. of Pages: 68 No. of Claims: 32

(21) Application No.9138/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: RADIOACTIVE/NUCLEAR THREAT MONITORING USING LONG DETECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G01N33/00 :61/325783 :19/04/2010 :U.S.A. :PCT/US2011/032440 :14/04/2011 :WO 2011/133384 :NA :NA :NA	(71)Name of Applicant: 1)RAPISCAN SYSTEMS INC. Address of Applicant: 2805 Columbia Street Torrance CA 90503 U.S.A. (72)Name of Inventor: 1)LIU, Felix, YaikNan
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(57) Abstract:

The present specification discloses a radiological threat monitoring system capable of withstanding harsh environmental conditions. The system has (a) one or more cables for measuring a signal induced by a radiological material emitting ionizing radiation when the radiological material comes within a predefined distance of the cables; (b) one or more stations connected with one or more cables for measuring and recording the induced signal; and (c) a central station in communication with one or more stations for gathering the recorded measurements. Radiological material includes fissile threat material such as a Special Nuclear Material (SNM).

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

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LEAD FREE MULTILAYERED PIEZO ACTUATORS AND A PROCESS FOR THE FABRICATION THEREOF

(51) International classification	:H01L41/047	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANDA PRASANTA KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses lead free multilayered piezo actuators and a process for the fabrication thereof. The present invention also disclose a process for the fabrication of lead free multilayered stacks / actuators from barium zircoante titanate lead free piezo powders. The invention consists of preparation lead free piezo tapes from well optimized slurry by tape casting technique. Low cost Ag-Pd electrode paste is used as internal electrode. The actuators were co-fired in an oxygen atmosphere in the temperature range of $1080-1120^{\circ}$ C. The stacks were then poled at 2-3 kV/mm in hot silicone oil (30-40°C) bath for 30 minutes and characterized for displacement and block force. The displacement and block force of the lead free actuators are $0.5-1.00~\mu m$ /mm and 400-450N (3-4 MPa) respectively.

No. of Pages: 12 No. of Claims: 8

(22) Date of filing of Application :06/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MICROFLUIDIC DEVICES AND METHODS FOR THEIR PREPARATION AND USE

(51) International classification	:G01N27/00	(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)Ramakrishna SUBRAMANIAM ANANTHA
(87) International Publication No	: NA	2)Dheeraj PRATAP
(61) Patent of Addition to Application Number	:NA	3)Sameer KHANDEKAR
Filing Date	:NA	4)Janakarajan RAMKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A microfluidic device is provided. The microfluidic device includes a microtube having a hollow core. The microfluidic device further includes a plurality of nanopores extending radially outwards from an inner surface of the microtube.

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

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: BACKREST FOR A MOTOR VEHICLE SEAT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	F03B 102011054737.1 24/10/2011 Germany NA NA NA NA NA NA	(71)Name of Applicant: 1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant: Porscheplatz 1 70435 Stuttgart Germany Germany (72)Name of Inventor: 1)DIETER JUNGERT 2)PHILIP KOTTMANN
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(57) Abstract:

A backrest for a motor vehicle seat, comprising a head 5 restraint which is height adjustable with the aid of a guide, and a transverse strut which is provided in the upper region of the backrest and is fixedly connected to the latter, wherein the guide comprises a guiding device which is attached fixedly to the transverse strut and guides a guiding clement, io which is attached to the head restraint and is integrated in the latter, is characterized in that the guide (22) is assigned a locking unit (50), with a first locking part (51), which is fastened to the transverse strut (18), and a second locking part (52), which is fastened to the head restraint 15 (4), wherein the two locking parts (51, 52) interact according to the latch and hole principle.

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

(21) Application No.9263/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: CARBONIZATION DEVICE

(51) International classification: C10B57/00,C10B47/30,F27B7/42 (71) Name of Applicant:

:08/04/2014

(31) Priority Document No :2013100866 (32) Priority Date :13/05/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/060134

No Filing Date

(87) International Publication :WO 2014/185191

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

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

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Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72) Name of Inventor:

1)NAKAGAWA Keiichi

2)OMOTO Setsuo

3)SAKAGUCHI Masakazu

(57) Abstract:

The present invention is provided with: a reference gas supply source (1 15) that adds a reference gas (4) that is a noble gas to a carbonization gas (3); a combustor (120) that combusts the mixed gas of the carbonization gas (3) and the reference gas (4) and sends out an inspection gas (9); a gas rheometer (132) that measures the flow rate (Fi) of the inspection gas (9); a gas concentration measurement device (131) that measures the concentration (Cr) of the reference gas (4) (noble gas) and the concentration (Cc) of carbon dioxide in the inspection gas (9); and a computation control device (130) that determines the flow rate (Fr) of the reference gas (4) (noble gas) in the mixed gas fiOm the concentration (Cr), determines the amount (Wc) generated of the carbon component in the carbonization gas (3): from the concentration (Cc), flow rates (Fr, Fi), and flow rate (Fs) of the reference gas (noble gas) supplied to the carbonization gas (3), determines the carbonization fraction (Dt) of carbonized charcoal (2) fi m the con centration (Cg) of the carbon component in low-grade charcoal (1), the amount (Wc) generated, and the weight (Wo) of supplied low-grade charcoal (1), and controls a valve (118a) in a manner so that a target carbonization: fraction (Dr) results,

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

(21) Application No.1749/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: BEVERAGE MACHINE IN A NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A47J 31/52 :09169800.1 :09/09/2009 :EPO :PCT/EP2010/063096 :07/09/2010 :WO 2011/029813 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: AVENUE NESTLE 55, CH-1800, VEVEY, SWITZERLAND Switzerland (72)Name of Inventor: 1)YOAKIM, ALFRED
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for preventing shortage at a customer location (5,5') of consumable ingredient capsules for use in a machine (10,10') for preparing a beverage by receiving a capsule in a capsule extraction unit, circulating a carrier liquid, such as water in particular heated water, through said capsule in the extraction unit and by dispensing a resulting beverage, the beverage preparation machine at the customer location being distant from a capsule supplier (40) and in data-exchange connection (20) with a server (50) of the capsule supplier to form a network (1), such method comprising: - supplying from the capsule supplier a stock of consumable ingredient capsules to the customer location; - automatically monitoring via the network consumption of the consumable ingredient capsules in the beverage preparation machine; and - whenever the automatic monitoring detects a reaching of a shortage of consumable ingredient capsules at the customer location, generating automatically by the supplier server an instruction: a) to invite the customer to make an order for a shipment of a new stock of capsules, or b) to prepare a shipment of a new stock of capsules for supply to said customer.

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

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PROCESS FOR THE MANUFACTURE OF KHOA POWDER

(51) International classification	:A23K1/1846	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BALBIR SINGH BENIWAL
(32) Priority Date	:NA	Address of Applicant :B-23, Indian Agril Research Institute,
(33) Name of priority country	:NA	Pusa Campus, New Delhi Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BALBIR SINGH BENIWAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process of the manufacture of khoa powder comprising standardization of milk to fat to solids-not fat ratio of 0.45 to 0.75 followed by concentration of milk by atmospheric / vacuum evaporation to 20% 50% total solids, heat treatment of milk concentrate in either tubular heat exchanger, ultra-high temperature unit or scrapped surface heat exchanger to 110°C 150°C for 1second to 3 minutes to facilitate protein-protein and protein-carbohydrate interaction to achieve desirable flavor & colour, and drying of the heat treated concentrate by roller, spray, vacuum tray or freeze drying methods to the moisture content of 2%10%.

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

(21) Application No.9268/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING LIGHTWEIGHT MIDSOLE MEMBERS WITH PROTECTIVE ELEMENTS

(51) International :A43B1/00,A43B13/12,A43B13/18 classification

:13/835715 (31) Priority Document No (32) Priority Date :15/03/2013

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

(86) International Application :PCT/US2014/028978

No :14/03/2014 Filing Date

(87) International Publication :WO 2014/144527

(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)NIKE INNOVATE C.V.

Address of Applicant: One Bowerman Drive Beaverton OR

97005 U.S.A.

(72) Name of Inventor:

1)DOJAN Frederick J. 2)HOLMES Matthew J. 3)LINDNER Troy C.

4)NETHONGKOME Benjamin

5)THOMPSON Dolores S.

(57) Abstract:

Sole structures for articles of footwear, including athletic footwear, include a relatively soft and lightweight foam midsole component partially covered by at least one more rigid and/or dense cage (protective) component(s) and/or other protective component(s).

No. of Pages: 85 No. of Claims: 18

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SLIDE RING SEAL WITH ACCURATELY POSITIONED BINDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:F16J15/34 :10 2013 007 163.1 :24/04/2013 :Germany :PCT/EP2014/055377 :18/03/2014 :WO 2014/173587 :NA :NA	(71)Name of Applicant: 1)EAGLEBURGMANN GERMANY GMBH & CO. KG Address of Applicant:,,ussere Sauerlacher Str. 6 10 82515 Wolfratshausen Germany (72)Name of Inventor: 1)JOHANNES Rolf 2)SVEJKOVSKY Reinhard 3)SCHULTEN Berthold 4)POCHMANN Ernst
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(57) Abstract:

The invention relates to a slide ring seal arrangement comprising a rotating slide ring (2) and a static slide ring (3), which delimit a sealing gap (4) between them, a binding (15) which is arranged on an outer shell surface of at least one of the slide rings, wherein the slide ring (2) on which the binding (15) is arranged has, on the outer shell surface, a step (25) which runs all the way around in the circumferential direction and which has a contact surface (26), and wherein the binding (15) bears by way of a face side (17) against the contact surface (26) of the step (25).

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

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : A METHOD AND SYSTEM TO ALLOCATE BANDWIDTH FOR HETEROGENEOUS BANDWIDTH REQUEST IN CLOUD COMPUTING NETWORKS

(51) International classification	:H04L12/911	(71)Name of Applicant:
(31) Priority Document No	:13/851694	1)ERICSSON AB
(32) Priority Date	:27/03/2013	Address of Applicant :S 164 80 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IB2014/060141	1)ZHANG Ying
Filing Date	:25/03/2014	2)LI Dan
(87) International Publication No	:WO 2014/155292	3)ZHU Jing
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abatmaat		

(57) Abstract:

A method implemented by a network service provider to provide a virtual network to tenants requiring bandwidth in a cloud computing environment, where the virtual network includes a first set of one or more virtual switches that manage a second set of one or more physical servers that host virtual machines (VMs). The method starts with receiving by one virtual switch a request for a first plurality of VMs, where at least one VM of the first plurality of VMs contains a bandwidth different from bandwidths of the rest of one or more VMs. The it is determined whether to accept the request for the first plurality of VMs by calculating a set of allocation ranges (ARs) associated to the virtual switch, wherein each AR of the set of ARs denotes at least one discontinuous VM allocation space within a virtual switch. Then VMs are allocated for the request.

No. of Pages: 44 No. of Claims: 26

(22) Date of filing of Application :07/10/2015

:NA

(43) Publication Date: 12/02/2016

(54) Title of the invention: A METHOD AND APPARATUS FOR MAGNETIC/ELECTROSTATIC/ELECTROMAGNETIC TREATMENT OF FLUIDS COMPRISING THREE PHASES: THE TREATMENT PHASE THE MIXING PHASE AND THE USAGE PHASE WHICH ARE SPATIALLY AND TEMPORALLY DECOUPLED

(51) International classification: C02F1/48,C10G32/02.B01J19/08 (71) Name of Applicant: (31) Priority Document No :61/809650 1)PROFESSIONALS FOR ENERGY ENVIRONMENT (32) Priority Date AND WATER SOLUTIONS LTD. CO. :08/04/2013 (33) Name of priority country :U.S.A. Address of Applicant :P.O. Box 926992 Amman 11190 Jordon (86) International Application (72) Name of Inventor: :PCT/EP2014/056934 No 1)ABO HAMMOUR Zaer :07/04/2014 Filing Date (87) International Publication :WO 2014/173672 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A method for magnetic/electrostatic/electromagnetic treatment of fluids consisting of three separate phases that are spatially and temporally decoupled, wherein in the first phase, a magnetic/ electro static/electromagnetic field is applied to a working fluid under circulation to obtain the directly ionized fluid. This directly ionized fluid resulting from the first phase might be immediately used or subjected to storage before being used in the second phase. In the second phase, the directly ionized fluid is used as an ionizer or an ionizing agent for ionizing indirectly the normal non-ionized fluid by mixing the directly ionized fluid and normal non-ionized fluid in accordance with a predetermined mixing ratio and mixing method between the directly ionized fluid and normal non-ionized fluid. In the third phase, the resultant mixed or indirectly-ionized fluid is used in the proper application directly or stored in a storage tank for later use. According to the embodiments of the invention, the three phases of the proposed method are decoupled from each other completely in space and time without the need of the treatment plants to be in the same location of the mixing plants (spatial decoupling), and without the need for simultaneous production of the treated and the mixed fluids (temporal decoupling). Possible applications for the invention include, but not limited to, all previous applications of the direct and immediate magnetic/electrostatic/electromagnetic treatment of fluids such as water treatment, hydrocarbon fuel treatment.

No. of Pages: 67 No. of Claims: 39

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DEVICE FOR REPAIRING AN INTERVERTEBRAL DISC

(51) International classification	:A61F2/44,A61F2/30	(71)Name of Applicant:
(31) Priority Document No	:13159635.5	1)NEOS SURGERY S.L.
(32) Priority Date	:15/03/2013	Address of Applicant :Parc Tecnol ² gic Vall s carrer
(33) Name of priority country	:EPO	Ceramistes 2 E 08290 Cerdanyola Del Valles Spain
(86) International Application No	:PCT/EP2014/054894	(72)Name of Inventor:
Filing Date	:12/03/2014	1)SERRAHIMA TORNEL Marc
(87) International Publication No	:WO 2014/140136	2)LLAS VARGAS Salvador
(61) Patent of Addition to Application	:NA	3)RODRIGUEZ ALONSO Ana
Number	:NA	4)CHARLES HARRIS FERRER Montserrat
Filing Date	.IVA	5)CHICO ROCA Lluis
(62) Divisional to Application Number	:NA	6)CLAVEL LARIA Pablo
Filing Date	:NA	

(57) Abstract:

A device (1, 100) for repairing an intervertebral disc comprising an anchoring body (2, 102), suitable for being advanced into and secured in one of the vertebrae adjacent the intervertebral disc; and a prosthesis (3,103,203, 303) attachable in a secure coupling position to the anchoring body(2, 102) and adapted for retaining or replacing the nucleus pulposus in an interior space of an outer annulus of the intervertebral disc, the anchoring body supporting and arranging in the cited coupling position the prosthesis such that the prosthesis is oriented to in a direction toward and through a hole in the outer annulus, the prosthesis comprising at least one active portion (4) adapted to assume and maintain a first placement shape (A) suitable for permitting the active portion to be inserted into and through the hole in the outer annulus during a placement thereof into the interior space of the outer annulus, and at least a second operative shape (B) suitable for at least partially ocluding the hole in the outer annulus and/or replacing at least a portion of the nucleus pulposus upon the active portion assuming a placement position in the interior space of the outer annulus.

No. of Pages: 39 No. of Claims: 31

(21) Application No.9266/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HEALTH MONITORING, SURVEILLANCE AND ANOMALY DETECTION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A61B5/00,A61B5/02,A61B5/024 :61/788165 :15/03/2013 :U.S.A. :PCT/US2014/027831 :14/03/2014	1)ZANSORS LLC Address of Applicant:1616 Anderson Road Mclean VA 22012 U.S.A. (72)Name of Inventor: 1)ADSGUPTA Abhijit
Filing Date (87) International Publication No	:WO 2014/143743	2)DAS Ranjit
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wearable patch and method for automatically monitoring, screening, and/or reporting events related to one or more health conditions (e.g., sleeping or breathing disorders, physical activity, arrhythmias) of a subject.

No. of Pages: 34 No. of Claims: 26

(21) Application No.9267/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ARTICLE OF FOOTWEAR COMPRISING A SOLE STRUCTURE INCLUDING A BILLOWS **STRUCTURE**

(51) International :A43B1/00,A43B13/12,A43B13/18 classification

:13/835715 (31) Priority Document No (32) Priority Date :15/03/2013

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

(86) International Application :PCT/US2014/025607 No

Filing Date

(87) International Publication

(61) Patent of Addition to

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

:NA Number :NA

:13/03/2014

:WO 2014/151379

(62) Divisional to Application

Filing Date

(71)Name of Applicant: 1)NIKE INNOVATE C.V.

Address of Applicant: One Bowerman Drive Beaverton OR

97005 U.S.A.

(72) Name of Inventor:

1)DOJAN Frederick J. 2)HOLMES Matthew J. 3)LINDNER Troy C.

4)NETHONGKOME Benjamin

5)THOMPSON Dolores S.

(57) Abstract:

Sole structures for articles of footwear, including athletic footwear, include a relatively soft and lightweight foam midsole component partially covered by at least one more rigid and/or dense cage (protective) component(s) and/or other protective component(s

No. of Pages: 87 No. of Claims: 20

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR UPDATING DISTRIBUTED RESILIENT NETWORK INTERCONNECT (DRNI) STATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/815204 :23/04/2013 :U.S.A. :PCT/IB2014/060916 :23/04/2014 :WO 2014/174443 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 164 83 Stockholm Sweden (72)Name of Inventor: 1)SALTSIDIS Panagiotis
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2014/174443 :NA	

(57) Abstract:

A method of configuring a set of conversation identifiers (IDs) at a network device in a distributed resilient network interconnect (DRNI) of a link aggregation group is disclosed. The method starts with initializing the set of conversation IDs, wherein the initialization includes setting entries of a Boolean vector associated with the set of conversation IDs to be a sequence of zeroes, and wherein the Boolean vector includes values indicating processing the set of conversation IDs through the single gateway or the single aggregator of the network device. The method continues with determining that distribution of the set of conversation IDs needs to be updated, setting values of an operational vector indexed by the conversation IDs, and setting values of the Boolean vector, wherein the Boolean vector lists whether the single gateway or the single aggregator of the network device is associated with each of the conversation IDs.

No. of Pages: 151 No. of Claims: 41

(21) Application No.9273/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION

(51) International :A01N43/36,C09D5/14,A01N47/12

classification ...A011143/30,C07D3/14,A011147/

(31) Priority Document No :61/806078 (32) Priority Date :28/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/032229

No :28/03/2014

Filing Date .28/03/2012

(87) International Publication :WO 2014/160969

(61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to Application
Number:NA

Filing DateA

(71)Name of Applicant:

1)ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West

Philadelphia PA 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor:

1)DONNELLY Kenneth M. 2)LENOIR Pierre Marie

3) JOHANNES VILLIGER Lukas Thomas

(57) Abstract:

A synergistic antimicrobial composition containing ilurochloridone and 3-Iodo-2-propynyl-butylcarbamate is provided. Also provided is a method of inhibiting the growth of or controlling the growth of microorganisms in a building material by adding such a synergistic antimicrobial composition. Also provided is a coating composition containing such a synergistic antimicrobial composition, and a dry film made from such a coating composition.

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

(21) Application No.9275/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TRACTION WHEEL APPARATUS WITH NON- UNIFORM TREAD TEETH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/03/2014 :WO 2014/153161 :NA :NA :NA	(71)Name of Applicant: 1)LUKER Gregory W. Address of Applicant: 938 Oakwood Drive Bountiful Utah 84010 U.S.A. (72)Name of Inventor: 1)LUKER Gregory W.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to a wheel ap paratus 100 that includes a rim module 105 coupleable to an axle and a solid tire module 110 that extends from the rim module 105. The solid tire module 110 includes a plurality of tread teeth 112 that form a peripheral edge 111. The peripheral edge 111 forms at least a portion of a tire profile. Each tread tooth of the plurality of tread teeth has a spatial specification that includes a circumferential width 13, a radial height 14, an edge shape, and a circumferential gap width 17. The spatial specifications of the plurality of tread teeth 112 are non-uniform. In one embodiment, the solid tire module 110 has a non-circular rotational trace. In another embodi ment, at least a circumferential region of the peripheral edge 111 comprises a sequence of tread teeth having sequentially increasing radial height 14.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTONOMOUS SAILBOAT FOR OCEANOGRAPHIC 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 (62) Divisional to Application Number Filing Date 	:B63H25/04 :13/845488 :18/03/2013 :U.S.A. :PCT/US2014/030829 :17/03/2014 :WO 2014/153299 :NA :NA	(71)Name of Applicant: 1)AUTONOMOUS MARINE SYSTEMS INC. Address of Applicant:2303 Kansas Ave Silver Spring MD 20910 U.S.A. (72)Name of Inventor: 1)HOLEMANS Walter
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(57) Abstract:

A fleet of autonomous sailing vessels that are equipped with monitoring and communication equipment for reporting environmental and other conditions. For optimal stability, the autonomous sailing vessels are multi-hulled vessels (catamarans) with self-righting capabilities. Each sailing vessel sends and receives information via one or more satellite links, using solar power to power the communications equipment as well as the monitor ing equipment. Each sailing vessel includes an auto-sailtrim system to maintain a desired attack angle with the wind, and electric propulsion for use as required to maintain a desired heading. A modular design is used to support mission -specific payloads.

No. of Pages: 37 No. of Claims: 30

(21) Application No.9108/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : MEMORY MODULE FOR SIMULTANEOUSLY PROVIDING AT LEAST ONE SECURE AND AT LEAST ONE INSECURE MEMORY AREA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/134541 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant:Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)IHLE Markus 2)AUE Axel 3)SZERWINSKI Robert 4)BUBECK Oliver 5)HAYEK Jan 6)SHOKROLLAHI Jamshid
(62) Divisional to Application Number Filing Date	:NA :NA	6)SHOKROLLAHI Jamshid

(57) Abstract:

The present invention relates to a memory module (230) for simultaneously providing at least one secure (163) and at least one insecure (133) memory area wherein the memory module (230) comprises a separate write/read electronics unit (132–162) for each of the memory areas (133–163) and at least one common analog circuit part (234) such as a voltage supply circuit for supplying the write/read electronics units (132–162) and/or the memory areas (133–163). The invention further relates to a microcontroller (200) having such a memory module (230). A charge pump and/or a battery of write/read amplifiers for example can be spared in particular for a flash memory.

No. of Pages: 10 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOLAR CELL

(51) International classification (31) Priority Document No	:G06Q :10 2010 028 189.1	(71)Name of Applicant: 1)ROBERT BOSCH GmbH
(32) Priority Date	:26/04/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/052954	(72)Name of Inventor:
Filing Date	:01/03/2011	1)KROKOSZINSKI Hans-Joachim
(87) International Publication No	:WO 2011/134700	
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(21) Application No.9109/DELNP/2012 A

(57) Abstract:

The invention relates to a solar cell comprising: a passivation layer sequence provided with a plurality of island-shaped recesses in which the passivation layers are completely removed on the second main surface; a thin first metal layer arranged on the passivation sequence layer and in the recesses on the substrate surface; a thin dielectric cover layer covering the first metal layer and comprising a first regular arrangement of narrow linear openings and a second regular arrangement of essentially wider linear or elongate island-shaped openings the first and the second opening arrangements being aligned at an angle in particular perpendicular to each other. Said solar cell also comprises a second metal layer which is highly conductive and can be soldered on the open surface in the openings of the first and second opening arrangements said second metal layer making contact with the first metal layer.

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

(21) Application No.9279/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

(51) International

:C07D487/04,C07D498/18,C07D498/22

classification

(31) Priority Document

(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**

Filing Date

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

:10/03/2014

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:13/03/2013

:U.S.A.

:NA :NA

:NA

(71) Name of Applicant:

1) BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 And Province Line Road

Princeton NJ 08543 U.S.A.

(72) Name of Inventor:

1)NAD3U B. Narasimhulu

2)PATEL Manoj 3)PEESE Kevin 4)WANG Zhongyu

(57) Abstract:

The disclosure generally relates to compounds of formula I, including compositions and methods for treating human immunodeficiency virus (HrV) infection. The disclosure provides novel inhibitors of HGn, pharmaceutical compositions containing such compounds, and methods for using these compounds in the treatment of HIV infection. Formule (I).

No. of Pages: 146 No. of Claims: 13

(21) Application No.9280/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: STRUCTURE FOR FRONT PART OF 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 (62) Divisional to Application Number Filing Date 	:B62D25/08 :NA :NA :NA :NA :PCT/JP2013/060641 :08/04/2013 :WO 2014/167634 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)SAKAI Shogo
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(57) Abstract:

Provided i s a structure for a : front part of a vehicle, the structure being configured so that the top side of a headlight i s covered and so that, when a colliding object collides with the structure from the top side, the effect of the collision i s reduced. A headlight (22) i s installed below the front end section (14F) of a hood (14). A protrusion (36) i s formed on the lower surface of the : front end section (14F) of the hood inner panel (14B) of the hood (14). The protrusion (36) protrudes toward the upper surface of the upper wall section (32B) of the lens (28) of the headlight (22). A weak section (40) i s formed at a portion of the upper wall section (32B) of the lens (28) of the headlight (22), the portion facing the protrusion (36). The headlight (22) i s affixed to the vehicle body (10A) so that the headlight (22) cannot be displaced by a load inputted: from the protrusion (36) and so that the headlight (22) i s broken by the load inputted from the protrusion (36).

No. of Pages: 31 No. of Claims: 5

(21) Application No.9281/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PORTABLE DEVICE FOR SMART ENTRY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G07C9/00 :2013083156 :11/04/2013 :Japan :PCT/IB2014/000508 :08/04/2014 :WO 2014/167403 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor: 1)MURAKAMI Hiroko 2)OGINO Akira 3)KOBAYASHI Tetsuya
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(57) Abstract:

A portable device for smart entry for locking and unlocking a door includes an electronic circuit, battery, and a controller. The electronic circuit is configured to perform wireless communication for locking and unlocking the door. The battery is configured to supply electric power to the electronic circuit. The controller configured to control the wireless communication. The controller is configured to shut off conduction of electric current between the battery and the electronic circuit when the controller determines that a remaining capacity of the battery is equal to or lower than a reference value. The controller is configured to resume conduction of electric, current between the battery and the electronic circuit when a particular operation on the portable device is detected after the conduction is shut off. Selected drawing

No. of Pages: 35 No. of Claims: 2

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: A METHOD OF RESOLVING A LOCATION FROM DATA REPRESENTATIVE 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 	:07/04/2011 :WO 2011/127226 :NA :NA :NA	(71)Name of Applicant: 1)TOMTOM NORTH AMERICA INC. Address of Applicant: IP Creation 11 Lafayette Street Lebanon New Hampshire 03766 U.S.A. (72)Name of Inventor: 1)HAGAN James Edward
Filing Date	:NA :NA	

(57) Abstract:

The invention provides a method of resolving a location in a second digital map from an ordered list of location reference points determined from a first digital map. The method involves identifying candidate lines and nodes in the second digital map and using curvature height and gradient information associated with the location reference points to identify the most likely candidate nodes or lines in the second digital map corresponding to the nodes represented by the location reference points and to lines emanating from or incident at the node in the first digital map. The method involves carrying out a route search between the most likely identified candidate node or line identified for one location reference point and the corresponding node or line associated with the next reference point in the list and repeating this step for consecutive pairs of reference points until the final location reference point is reached.

No. of Pages: 104 No. of Claims: 16

(21) Application No.9114/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: POLYVINYL ACETAL FILM 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 	:30/03/2011 :WO 2011/125791 :NA	(71)Name of Applicant: 1)KURARAY CO. LTD. Address of Applicant:1621 Sakazu Kurashiki-shi Okayama 7100801 Japan (72)Name of Inventor: 1)ISOUE Koichiro 2)ASANUMA Yoshiaki
(61) Patent of Addition to Application		2)ASANUWA TOSHIAKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a polyvinyl acetal film which, when used as an intermediate film for a laminated glass, can provide a laminated glass that exhibits a low degree of yellowness and excellent surface appearance, and which is thus useful as a sealing material or intermediate film that can prolong the life of a laminated glass provided with a solar cell or a functional unit. Further, the content of corrosioncausing substance in the polyvinyl acetal film is low, so that the polyvinyl acetal film permits high-temperature lamination and thus ensures excellent productivity. Also provided are a solar cell module and a laminated glass prepared using the polyvinyl acetal film. A plasticized polyvinyl acetal film which comprises 15 to 60 parts by mass of a plasticizer having a total number of 28 or more of carbon atoms and oxygen atoms constituting a molecule based on 100 parts by mass of a polyvinyl acetal resin, and which has an acid value of 5.0 meq/kg or less.

No. of Pages: 63 No. of Claims: 21

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: ABSORPTION REFRIGERATION CYCLES USING A LGWP REFRIGERANT

(51) International classification	:B31D	(71)Name of Applicant :
(31) Priority Document No	:61/320,305	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:01/04/2010	Address of Applicant :Patent Services M/S AB/2B 101
(33) Name of priority country	:U.S.A.	Columbia Road P.O. Box 2245 Morristown New Jersey 07962-
(86) International Application No	:PCT/US2011/030651	2245 U.S.A.
Filing Date	:31/03/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/123592	1)RYAN HULSE
(61) Patent of Addition to Application	:NA	2)CHRISTOPHER J. SEETON
Number	:NA	3)MARK W SPATZ
Filing Date	.11/1	4)RAJIV R. SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An absorptive refrigeration method and refrigerant pairs comprising fluorinated organic compounds, such as fluorinated organic compounds having from one to eight carbon atoms (C1 - C8), including hydrofluoroolefin andor hy- drochlorofluoroolefm compounds. In certain embodiments, a fluorinated organic compound, including certain hydrofluoroolefin 03 andor hydrochlorofluoroolefin compounds (e.g. C2 - C4 hydrofluoroolefin andor hydrochlorofluoroolefin compounds) is/are uti-lized as the retigerant, with the absorbant portion either being a fluorinated organic compound or a non-fluorinated oil.

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

(21) Application No.9284/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LOG RECORD MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/03/2014 :WO 2014/151013 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor: 1)MADHAVARAPU Pradeep Jnana 2)FACHAN Neal 3)GUPTA Anurag Windlass 4)MCKELVIE Samuel James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A database system may maintain a plurality of log records at a distributed storage system. Each of the plurality of log records may be associated with a respective change to a data page. The plurality of log records may be transformed (e.g., cropped, prune, reduce, fused, deleted, merged added, etc.).

No. of Pages: 69 No. of Claims: 15

(21) Application No.9285/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: DRIP CHAMBER WITH INTEGRATED OPTICS

(51) International classification	:A61M5/14,A61M5/168	(71)Name of Applicant:
(31) Priority Document No	:13/829182	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:14/03/2013	Address of Applicant :1 Baxter Parkway Deerfield Illinois
(33) Name of priority country	:U.S.A.	60015 U.S.A.
(86) International Application No	:PCT/US2014/025736	2)BAXTER HEALTHCARE S.A.
Filing Date	:13/03/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/160058	1)HAMMOND Peter
(61) Patent of Addition to Application	:NA	2)MUNRO James F.
Number	:NA	3)POSTEMA Luke
Filing Date	IVA	4)BUI Tuan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A drip chamber (102, 202, 302) for an infusion tube, including: a first end (104, 204, 304) arranged to receive a drip tube (106, 206, 306); a second end (108, 208, 308) including an exit port (110, 210); at least one wall (112, 212, 312) connecting the first and second ends; a space (120, 220, 320) enclosed by the first and second ends and the at least one wall; and at least one lens (121, 221, 321) integral to the at least one wall or directly fixed to the at least one wall.

No. of Pages: 23 No. of Claims: 18

(21) Application No.9119/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PVD COATING FOR METAL MACHINING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:30/03/2011 :WO 2011/131460 :NA :NA	(71)Name of Applicant: 1)SULZER METAPLAS GMBH Address of Applicant: Am Bttcherberg 30-38 51427 Bergisch Gladbach Germany (72)Name of Inventor: 1)JACOB SJ-L‰N 2)JON ANDERSSON 3)JORG VETTER 4)JURGEN MLLER
Filing Date	:NA	

(57) Abstract:

The present invention relates to a wear resistant coating suitable to be deposited on cutting tool inserts for chip forming metal machining. The coating comprises at least two layers with different grain size, but with essentially the same composition. The coating is deposited by Physical Vapour Deposition (PVD).

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

(21) Application No.9290/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEM AND METHOD OF DE STEMMING PRODUCE

(51) International :A23L1/212,A23N15/00,A23N15/02 classification

(31) Priority Document No

:13/829529 (32) Priority Date :14/03/2013 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2014/025611 Application No

:13/03/2014 Filing Date

(87) International Publication :WO 2014/160005

(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)KODALI Nagendra B.

Address of Applicant :52 Wyndridge Circle Pelham New

Hampshire 03076 U.S.A. (72)Name of Inventor: 1)KODALI Nagendra B.

(57) Abstract:

Systems and methods of at least partially de-stemming produce are provided. A de-stemming apparatus can include a plurality of roller pairs defining a longitudinal gap between individual rollers of the roller pairs. The roller pairs can to rotate to pass the produce through the longitudinal gap and apply a compression force to the produce. The de-stemming apparatus can include drum assembly having at least one of a shaft and a drum. At least one of the shaft and the drum can include protrusions to apply a blunt force to the produce to at least partially separate a first portion of the produce from a second portion of the produce.

No. of Pages: 64 No. of Claims: 40

(21) Application No.9291/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS FOR SUBCUTANEOUS ADMINISTRATION OF FUROSEMIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/341 :61/808962 :05/04/2013 :U.S.A. :PCT/US2014/032800 :03/04/2014 :WO 2014/165660 :NA :NA :NA	(71)Name of Applicant: 1)SCPHARMACEUTICALS LLC Address of Applicant: 75 Arlington Street Boston Massachusetts 02116 U.S.A. (72)Name of Inventor: 1)MICHAELS Scott A. 2)MUNTENDAM Pieter 3)LARSEN Glenn R.
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(57) Abstract:

The present teachings relate to liquid pharmaceutical formulations of fiirosemide, where the pharmaceutical formulations include a molar excess of tris(hydroxymethyl)aminomethane to fiirosemide, have a pH in the range of 7 to 8.5, and a concentration of tris(hydroxymethyl) aminomethane greater than or equal to about 50 mM. The present teachings can improve the stability of liquid pharmaceutical formulations including furosemide and the suitability of such pharmaceutical formulations for subcutaneous administration or delivery.

No. of Pages: 52 No. of Claims: 23

(21) Application No.9292/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DRIP CHAMBER WITH HYDROPHOBIC INTERIOR SURFACE

:NA

:A61M5/14,A61M5/168 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/828859 1)BAXTER INTERNATIONAL INC. (32) Priority Date :14/03/2013 Address of Applicant: 1 Baxter Parkway Deerfield Illinois (33) Name of priority country :U.S.A. 60015 U.S.A. (86) International Application No :PCT/US2014/026156 2)BAXTER HEALTHCARE S.A. Filing Date :13/03/2014 (72) Name of Inventor: (87) International Publication No :WO 2014/160249 1)MUNRO James F. (61) Patent of Addition to Application 2)BUI Tuan :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A drip chamber for an infusion tube, including: a first end (106) including a drip tube (108); a second end (110) including an exit port (112); and a wall (114) connecting the first and second ends and including an interior surface (116) with a hydrophobic portion (118). The drip chamber includes a space (122) enclosed by the interior wall and the first and second ends. The hydrophobic portion (118) of the interior surface repels liquid contacting the hydrophobic coating. The hydrophobic portion of the interior surface enables light to refract through the hydrophobic portion and the wall in the same manner as is the case when the hydrophobic portion is not present on the interior surface.

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

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR MODIFYING A SOUND FIELD AT SPECIFIED POSITIONS WITHIN A GIVEN LISTENING SPACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:11/03/2014 :WO 2014/150598 :NA	(71)Name of Applicant: 1)THX LTD Address of Applicant:1255 Battery Street Suite 100 San Francisco CA 94111 U.S.A. (72)Name of Inventor: 1)FINCHAM Lawrence R. 2)BROWN Peter
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An audio system provides modified audio signals for acoustic output sources (speakers) disposed around a listening area. A sound allocation processor receives an audio source signal. A plurality of audio modifying elements, each of which may comprise one or more custom filters, operate separately on the audio source signal and provide a custom output signal for each acoustic output source. The audio modifying elements may modify a gain and/or a phase characteristic of the audio source signal independently for each acoustic output source in order to create a substantially uniform sound level or desired sound field pattern over the listening area or within defined zones within the listening area. A global equalization adjustment may also be applied. Search algorithms may be used to arrive at appropriate parameters for the audio modifying elements.

No. of Pages: 40 No. of Claims: 37

(21) Application No.9122/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : SIGNATURES AND DETERMINANTS FOR DISTINGUISHING BETWEEN A BACTERIAL AND VIRAL INFECTION AND METHODS OF USE THEREOF \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 (62) Divisional to Application Number 	:20/04/2011 :WO 2011/132086 :NA :NA :NA	(71)Name of Applicant: 1)MEMED DIAGNOSTICS LTD Address of Applicant: PO Box 7275 31072 Haifa ISRAEL Israel (72)Name of Inventor: 1)KFIR OVED 2)ERAN EDEN
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention provides methods of detecting infection using biomarkers.

No. of Pages: 232 No. of Claims: 48

(22) Date of filing of Application :22/10/2012

(43) Publication Date: 12/02/2016

(54) Title of the invention : USE OF THE PHYTOCANNABINOID CANNABIDIVARIN (CBDV) IN THE TREATMENT OF EPILEPSY \bullet

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:1005364.3	1)GW PHARMA LIMITED
(32) Priority Date	:30/03/2010	Address of Applicant :Porton Down Science Park Salisbury
(33) Name of priority country	:U.K.	Wiltshire SP4 0JQ U.K.
(86) International Application No	:PCT/GB2011/050649	2)OTSUKA PHARMACEUTICAL CO. LIMITED
Filing Date	:30/03/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/121351	1)BENJAMIN WHALLEY
(61) Patent of Addition to Application	:NA	2)CLAIRE WILLIAMS
Number		3)GARY STEPHENS
Filing Date	:NA	4)TAKASHI FUTAMURA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		

(57) Abstract:

This invention relates to the use of the phytocannabinoid cannabidivarin (CBDV) and combinations of the phytocannabinoid CBDV with tetrahydrocannabivarin (THCV) and cannabidiol (CBD) in the treatment of epilepsy. The invention further relates to the use of the phytocannabinoid CBDV in combination with standard anti-epileptic drugs (SAEDs). Preferably the SAED is one of ethosuximide, valproate or phenobarbital.

No. of Pages: 70 No. of Claims: 21

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: FOAM DISPENSER HAVING SELECTIVELY PRESSURIZED SOAP CARTRIDGE •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A47J :12/799,364 :23/04/2010 :U.S.A. :PCT/US2011/033525 :22/04/2011 :WO 2011/133833 :NA :NA	(71)Name of Applicant: 1)GOJO INDUSTRIES INC. Address of Applicant: One GOJO Plaza Suite 500 P.O. Box 991 Akron Ohio 44309 U.S.A. (72)Name of Inventor: 1)ROBERT QUINLAN
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A foam dispenser and method of operation of the foam dispenser provides that a cartridge of liquid (14) having an air head (18) is retained in the dispenser and maintained under pressure by an air compressor (22) when at rest, i.e., when the foam dispenser in not being actuated. Air (32) and liquid (36) conduits communicate respectively between the air head and liquid maintained in the cartridge and a foam generating head (40). Valves (50, 52) selectively close flow through the conduits. In this way, when the foam dispenser is actuated the valves can simply be opened for the appropriate amount of time to advance air and liquid to the foam generating head and dispense foam at a dispensing location.

No. of Pages: 19 No. of Claims: 9

(21) Application No.9127/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR INCREASING THE EFFICIENCY OF A POWER PLANT EQUIPPED WITH A GAS TURBINE AND POWER PLANT FOR CARRYING OUT THE METHOD

(51) International classification :F02C7/224,F03G6/06,F24J2/00 (71)Name of Applicant : (31) Priority Document No :00477/10 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD

(32) Priority Date :01/04/2010

(33) Name of priority country :Switzerland (86) International Application No :PCT/EP2011/054766

Filing Date :29/03/2011

(87) International Publication No: WO 2011/120942

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

(62) Divisional to Application
Number

Filing Date

:NA
:NA

1)ALSTOM TECHNOLOGY

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72)Name of Inventor:

1)JOSUHN KADNER Burkhard

2)CARRONI Richard

(57) Abstract:

In a power plant (10) equipped with a gas turbine (11) fuel for the gas turbine (11) is preheated by means of solar energy. The preheating takes place through the use of a heat transfer circuit (37). The use of an additional second heat transfer circuit between the source (33) for the solar heat and the first heat transfer circuit (37) makes it possible for the solar heat to be stored. The fuel preheating according to the invention permits in particular an increase in the efficiency of the power plant (10).

No. of Pages: 15 No. of Claims: 17

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELIMINATING COMMON MODE NOISE IN TOUCH APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06F3/044 :61/776086 :11/03/2013 :U.S.A. :PCT/US2014/018760 :26/02/2014 :WO 2014/163906 :NA :NA	(71)Name of Applicant: 1)CYPRESS SEMICONDUCTOR CORPORATION Address of Applicant:198 Champion Court, San Jose, CA 95 134 U.S.A. (72)Name of Inventor: 1)MAHARYTA Andriy 2)KARPIN Oleksandr 3)BOYCHUK Yuriy 4)RIBEIRO Milton
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(57) Abstract:

A processing device scans, during a first operation, a first plurality of electrodes along a first axis in a capacitive sense array to generate a first plurality of signals corresponding to a mutual capacitance at electrode intersections of the capacitive sense array. During a second operation, the processing device scans a second plurality of electrodes along a second axis in the capacitive sense array to generate a second plurality of signals corresponding to the mutual capacitance at the electrode intersections of the capacitive sense array, wherein the second operation occurs during a different period of time than the first operation. The processing device determines a first coordinate of a conductive object proximate to the capacitive sense array based on the first plurality of signals and a second coordinate of the conductive object based on the second plurality of signals.

No. of Pages: 38 No. of Claims: 20

(21) Application No.9298/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MULTIMODAL POLYPROPYLENE COMPOSITION FOR PIPE APPLICATIONS

:C08L23/14,C08F2/00,F16L9/12 (71)Name of Applicant : (51) International classification

(31) Priority Document No :13002098.5 (32) Priority Date :22/04/2013

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2014/001072

Filing Date :22/04/2014 (87) International Publication No: WO 2014/173533

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C.

Address of Applicant : Sheikh Khalifa Energy Complex

Corniche Road P.O. Box 6925 Abu Dhabi U.A.E.

2)BOREALIS AG (72)Name of Inventor:

1)HEDESIU Cristian 2)ALASTALO Kauno

(57) Abstract:

A multimodal propylene copolymer composition suitable for moulding and pipe applications comprising a multimodal propylene copolymer (U).

No. of Pages: 63 No. of Claims: 16

(21) Application No.9129/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CLAY COMPOSITIONS

(51) International classification	:A61K9/00,A61K9/10,A61K47/02	(71)Name of Applicant:
(31) Priority Document No	:10290225.1	1)IPSEN PHARMA S.A.S.
(32) Priority Date	:29/04/2010	Address of Applicant :65 quai Georges Gorse 92100 Boulogne
(33) Name of priority country	:EPO	Billancourt France
(86) International Application	:PCT/IB2011/001452	(72)Name of Inventor:
No	:29/04/2011	1)HACHER Batrice
Filing Date	.29/04/2011	2)KUBIAK Didier
(87) International Publication	:WO 2011/135461	3)HARNETT Jeremiah
No	.WO 2011/133401	4)MONDOLY Nathalie
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Eiling Data	.1 \ /\frac{1}{A}	

(57) Abstract:

Filing Date

The present invention relates to liquid or semi solid pharmaceutical compositions more specifically to aqueous pharmaceutical suspension or semi solid paste containing natural mineral clays as active ingredients. These compositions are particularly useful for the treatment of acute and chronic diarrhoea.

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

(21) Application No.9130/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: TRANSDERMAL ADMINISTRATION OF PEPTIDES

(51) International :A61K38/04,A61K47/12,A61K9/00

classification

(31) Priority Document No :2010/0174 (32) Priority Date :25/03/2010 (33) Name of priority country: Ireland

(86) International Application :PCT/IE2011/000019

:23/03/2011

Filing Date

(87) International Publication :WO 2011/117851

(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) IPSEN MANUFACTURING IRELAND LIMITED

Address of Applicant :Blanchardstown Industrial Park

Blanchardstown Dublin 15 Ireland

2) THE PROVOST FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF

QUEEN ELIZABETH NEAR DUBLIN

(72) Name of Inventor:

1)DEASY Patrick Bernard

2)LOUGHMAN Thomas Ciar;n

(57) Abstract:

The present invention relates to a method of increasing the bioavailability of a peptide. The method includes altering the lipophilicity of a peptide by the creation of fatty acid peptide salts of the peptide. The fatty acid peptide salts exhibit increased transdermal and transmucosal permeability.

No. of Pages: 152 No. of Claims: 67

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHODS FOR MEASURING ENZYME ACTIVITY USEFUL IN DETERMINING CELL VIABILITY IN NON PURIFIED SAMPLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:15/04/2011 :WO 2011/130584	(71)Name of Applicant: 1)ZEUS SCIENTIFIC INC. Address of Applicant: 200 Evans Way Branchburg Township NJ 08876 U.S.A. (72)Name of Inventor: 1)OHARA Shawn Mark 2)ZWEITZIG Daniel R.
(87) International Publication No		

(57) Abstract:

The present invention relates generally to the field of detection of microorganisms in particular detection of bacteria to methods for measuring enzyme activity such as DNA polymerase activity and particularly relates to such methods performed on microbial crude lysates useful for determining microbial enzyme activities which can be linked to amplification signal generators such as real time Polymerase Chain Reaction (PCR) techniques thereby enabling determination of microbial pathogens in samples such as unpurified blood and other body fluids. This invention also relates to reagents for use in such methods and to test kits comprising such reagents for carrying out the methods.

No. of Pages: 37 No. of Claims: 17

(21) Application No.9132/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: INK JET PRINTER INK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C09D11/10 :A 788/2010 :10/05/2010 :Austria :PCT/AT2011/000221 :10/05/2011 :WO 2011/140577 :NA	(71)Name of Applicant: 1)DURST PHOTOTECHNIK DIGITAL TECHNOLOGY GMBH Address of Applicant: Julius Durst Strasse 11 A 9900 Lienz Austria (72)Name of Inventor: 1)KAPPAUN Stefan
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an ink jet printer ink comprising polymerizable monomers and/or oligomers and possibly at least one initiator wherein the monomers and/or oligomers are formed at least 65 wt % preferably exclusively by at least one preferably radically polymerizable vinyl based compound or wherein the monomers and/or oligomers are formed at least partially preferably exclusively by at least one vinyl based compound and the initiator is formed by monomers that react with the at least one vinyl based compound during the polymerization thereof in order to form a covalent bond with the at least one vinyl based compound.

No. of Pages: 25 No. of Claims: 15

(21) Application No.9300/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR SPRAYING AN AEROSOL

(51) International :G08B15/00,G08B15/02,G08B23/00 classification

(31) Priority Document No :13/791582 (32) Priority Date :08/03/2013 (33) Name of priority country:U.S.A.

(86) International

:PCT/US2014/021785 Application No :07/03/2014

Filing Date

(87) International Publication :WO 2014/138592

(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) GUARDIAN 8 CORPORATION

Address of Applicant: 15230 N 75th Street Suite 1002

Scottsdale AZ 85260 U.S.A. (72) Name of Inventor: 1)LORD Charles

(57) Abstract:

A system for spraying, according to various aspects of the present invention, includes a shuttle and a trigger switch. The shuttle and the trigger switch cooperate with discontinuous mechanical coupling. The trigger switch provides a discontinuity in bias against operation of the trigger switch by the user. Consequently, the user experiences tactile feedback before spray is released. Prior to tactile feedback, the system establishes a communication link. When spray is released, the system transmits a notice via the communication link. Such a system when equipped with pepper spray aerosol is advantageous for self-defense.

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

(21) Application No.9301/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: OLEAGINOUS MICROBIAL LUBRICANTS

:WO 2014/138593

(51) International :C09K8/18,C12N15/00,C09K8/035 classification

(31) Priority Document No :61/775416

(32) Priority Date :08/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/021794

:07/03/2014

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)SOLAZYME INC.

Address of Applicant :225 Gateway Boulevard South San

Francisco California 94080 U.S.A.

(72)Name of Inventor:

1)DILLON Harrison F.

2)NGANTUNG Frederyk

3) ECHANIZ Ana Teresita

(57) Abstract:

Provided are drilling fluids having delay-released lubrication, the drilling fluids comprising a drilling mud and an oleaginous microbial cell, methods of using and making such drilling fluids, and drilling rigs comprising such drilling fluids. Also provided are lubricants comprising an oleaginous microbial cell. Uses for the lubricants include metal working and extreme pressure applications

No. of Pages: 83 No. of Claims: 81

(21) Application No.10436/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HYBRID VEHICLE DRIVE SYSTEM

(51) International classification :B60K6/365,B60K6/40,B60K6/445

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/JP2013/063322

Filing Date :13/05/2013

(87) International Publication

No :WO 2014/184854

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

(62) Divisional to Application
Number
Filing Date
:NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72)Name of Inventor:

4)MIYAKE Kouhei

1)OKUWAKI Shigeru 2)SHIOIRI Hiroyuki 3)SHIBATA Hiroyuki

(57) Abstract:

This drive system (10A) is provided with: a power splitting mechanism (20) that includes a planetary gear mechanism (21) wherein a ring gear (R) is connected to an internal combustion engine (11) a sun gear (S) is connected to a first motor generator (MG) (12) and a carrier (C) that is connected to a counter shaft (17) so as to able to transmit power; a locking mechanism (24) capable of locking the sun gear (S); and a clutch mechanism (25) capable of engaging the sun gear (S) and the ring gear (R). The internal combustion engine (11) the power splitting mechanism (20) the first MG (12) the locking mechanism (24) and the clutch mechanism (25) are positioned on the same axis. The locking mechanism (24) and the clutch mechanism (25) are positioned on the opposite side of the internal combustion engine (11) with the power splitting mechanism (20) and the first MG (12) therebetween.

No. of Pages: 31 No. of Claims: 5

(21) Application No.10437/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS FOR ENGINEERING ALLOGENEIC AND HIGHLY ACTIVE T CELL FOR

IMMUNOTHERAPHY

(51) International :C12N5/0783,C07K16/28,C07K14/735

classification

(31) Priority Document No: 13/892805 :13/05/2013

(32) Priority Date (33) Name of priority

:U.S.A.

country

(86) International

:PCT/IB2014/061409 Application No :13/05/2014 Filing Date

(87) International

:WO 2014/184741 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)CELLECTIS

Address of Applicant: 8 rue de la Croix Jarry F 75013 Paris

(72) Name of Inventor: 1)GALETTO Roman 2) GOUBLE Agnes

3)GROSSE Stephanie

4) SCHIFFER MANNIOUI Ccile

5)POIROT Laurent

6)SCHARENBERG Andrew

7)SMITH Julianne

(57) Abstract:

The present invention relates to methods for developing engineered T cells for immunotherapy that are non alloreactive. The present invention relates to methods for modifying T cells by inactivating both genes encoding T cell receptor and an immune checkpoint gene to unleash the potential of the immune response. This method involves the use of specific rare cutting endonucleases in particular TALE nucleases (TAL effector endonuclease) and polynucleotides encoding such polypeptides to precisely target a selection of key genes in T cells which are available from donors or from culture of primary cells. The invention opens the way to standard and affordable adoptive immunotherapy strategies for treating cancer and viral infections.

No. of Pages: 264 No. of Claims: 28

(21) Application No.10438/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTI WALL TEICHOIC ANTIBODIES AND CONJUGATES

(71)Name of Applicant: 1)GENENTECH INC. (51) International :C07K16/12,A61K47/48,A61K39/00 classification Address of Applicant : 1 DNA Way South San Francisco CA (31) Priority Document No 94080 U.S.A. :61/829461 (72) Name of Inventor: (32) Priority Date :31/05/2013 (33) Name of priority 1)BROWN Eric :U.S.A. country 2)DARWISH Martine (86) International 3)FLYGARE John :PCT/US2014/040324 Application No 4)HAZENBOS Wouter :30/05/2014 Filing Date 5)LEE Byoung Chul (87) International Publication: WO 2014/194247 6) LEHAR Sophie M. No 7)MARIATHASAN Sanjeev (61) Patent of Addition to 8)MORISAKI John Hiroshi :NA **Application Number** 9)PILLOW Thomas H. :NA Filing Date 10)STABEN Leanna (62) Divisional to 11)VANDLEN Richard :NA **Application Number** 12)KOEFOED Klaus :NA Filing Date 13)STRANDH Magnus 14) ANDERSEN Peter S.

No. of Pages: 279 No. of Claims: 107

⁽⁵⁷⁾ Abstract:

The invention provides anti wall teichoic acid antibodies and antibiotic conjugates thereof and methods of using the same.

(21) Application No.10439/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MULTI PURPOSED SELF PROPELLED 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 	:06/05/2014 :WO 2014/182730 :NA :NA	(71)Name of Applicant: 1)ORBOTIX, INC. Address of Applicant:1155 Canyon Boulevard, Suite 210, Boulder, CO 80302 (US). U.S.A. (72)Name of Inventor: 1)BERBERIAN Paul 2)BERNSTEIN Ian 3)WILSON Adam 4)HEMMINGS Kevin 5)MACGREGOR Ross
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a multi purpose self propelled device and method for operation of the self propelled device. Certain variations can include a spherical housing having an internal drive system and a multifunctional payload space for use in a variety of applications.

No. of Pages: 47 No. of Claims: 19

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM AND METHOD OF FORMING AN INDEX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C03C17/3607 :NA :NA :NA :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)MUKUL PAL Address of Applicant: A9, 12B, KALKAJI EXTENSION, NEW DELHI 110019, INDIA Delhi India (72)Name of Inventor: 1)MUKUL PAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention discloses a computer implementedmethod of forming an indexthat comprises of a set of variables that are formed by filtering a first set of variables on condition set to form a second set of variables, wherein a resource is proportionately allocated to each of the variables of the second set of variables in proportion to the weights assigned, and analyzing the performance of each of the variables in the second set of variables after an exit time interval and rebalancing the second set of variables, wherein the components of the second set of variables are rebalanced with the components of the first set of variables based on exit conditions.

No. of Pages: 37 No. of Claims: 17

(21) Application No.9316/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OIT FOR DRY FILM PROTECTION

(51) International

:A01N43/36,C09D5/14,A01N43/80 classification

(31) Priority Document No

:61/806082 :28/03/2013

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

(86) International Application

:PCT/US2014/032225

No Filing Date

:28/03/2014

(87) International Publication

:WO 2014/160968

(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) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West

Philadelphia PA 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor:

1)DONNELLY Kenneth M. 2)LENOIR Pierre Marie

3) JOHANNES VILLIGER Lukas Thomas

(57) Abstract:

A synergistic antimicrobial composition containing flurochloridone and 2-n-octyl 4-isothiazolin -3-one is provided. Also provided is a method of inhibiting the growth of or controlling the growth of microorganisms in a building material by adding such a synergistic antimicrobial composition. Also provided is a coating composition containing such a synergistic antimicrobial composition, and a dry film made from such a coating composition.

No. of Pages: 10 No. of Claims: 9

(21) Application No.10459/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION METHOD FOR FINE ORGANIC PIGMENT

(51) International :C09B67/02,C09B67/04,C09B67/20

classification

(31) Priority Document No :2013102216 (32) Priority Date :14/05/2013 (33) Name of priority country: Japan

(86) International Application :PCT/JP2014/062888

:14/05/2014 Filing Date

(87) International Publication :WO 2014/185473

(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)KAO CORPORATION

Address of Applicant: 14 10 Nihonbashi Kayabacho 1 chome

Chuo ku Tokyo 1038210 Japan

(72)Name of Inventor:

1)SATO Takahiro

2)TAKENO Hirotaka 3)FUKUROI Hironobu

(57) Abstract:

The present invention provides: a method [1] for producing a fine organic pigment having an extremely small primary particle size; a fine organic pigment obtained using this method; a production method for a dispersion in which the fine organic pigment is used; a dispersion obtained using this method; and a production method for an ink in which the dispersion is used. This production method [1] for a fine organic pigment includes a step (1) in which (A) an organic pigment starting material having in molecules thereof oxygen and nitrogen bonded to hydrogen (B) a water soluble inorganic salt (C) a water soluble organic solvent (D) at least 0.6 but not more than 7.0 parts by mass of water per 100 parts by mass of the water soluble inorganic salt and (E) at least 1.5 but not more than 35 parts by mass of a water soluble basic compound per 100 parts by mass of the organic pigment starting material are mixed and the resultant mixture is kneaded.

No. of Pages: 57 No. of Claims: 19

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : REAGENT BASED TEST STRIP FOR RAPID DETECTION OF MICROBIAL QUALITY OF A RAW CHICKEN MEAT

(51) International classification	:C12Q1/02, C12Q1/04,	(71)Name of Applicant: 1)Director General, Defence Research and Development
()	C12Q1/22	Organization
(31) Priority Document No	:NA	Address of Applicant :Ministry of Defence, Govt. of India,
(32) Priority Date	:NA	Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi
(33) Name of priority country	:NA	110011 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRIHARI, Kadaba Anantharaman
(87) International Publication No	: NA	2)HARILAL, Puthuparambil Thankappan
(61) Patent of Addition to Application Number	:520/DEL/2006	3)AHIRWAR, Rajkumar
Filed on	:01/01/1900	4)PANDEY, Mohan Chandra
(62) Divisional to Application Number	:NA	5)RADHAKRISHNA, Kolpe
Filing Date	:NA	-

(57) Abstract:

The present invention provides for an easy and quick process of detection of microbial quality of raw chicken on the spot in field condition using reagent based test strip. The strip includes a chemically inert adsorbent strip having homogenously adsorbed resazurin, wherein level of adsorption of the resazurin is 19 $21 \mu g/cm2$ and has pH ranging within 6.8 8.2. The present invention also provides for process for preparing the reagent based test strip and using the same.

No. of Pages: 14 No. of Claims: 13

(21) Application No.9147/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: CHEMOSENSORY RECEPTOR LIGAND BASED THERAPIES

(51) International :A61K31/70,A61K31/352,A61K31/52 classification

(31) Priority Document No :12/763926 (32) Priority Date :20/04/2010

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

(86) International :PCT/US2010/053257

Application No :19/10/2010 Filing Date

(87) International

:WO 2011/133180 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) ELCELYX THERAPEUTICS INC

Address of Applicant :12730, High Bluff Drive, Suite 120, San

Diego, California 92130 U.S.A.

(72)Name of Inventor: 1)BARON Alain 2)BROWN Martin R. 3) JONES Christopher R.G.

(57) Abstract:

Provided herein are methods for treating diabetes, obesity, and other metabolic diseases, disorders or conditions comprising chemosensory receptor ligands. Also provided herein are chemosensory receptor ligand compositions and the preparation thereof for the methods of the present invention.

No. of Pages: 158 No. of Claims: 45

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FOLDED TUBE MULTIPLE BANK HEAT EXCHANGE UNIT

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:61/810338	1)CARRIER CORPORATION
(32) Priority Date	:10/04/2013	Address of Applicant :One Carrier Place Farmington
(33) Name of priority country	:U.S.A.	Connecticut 06034 U.S.A.
(86) International Application No	:PCT/US2014/031942	(72)Name of Inventor:
Filing Date	:27/03/2014	1)TARAS Michael F.
(87) International Publication No	:WO 2014/168760	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multiple bank, flattened tube heat exchange unit includes a first tube bank including a flattened first tube segment extending longitudinally between a first manifold and a second manifold; and a second tube bank including a flattened second tube segment extending longitudinally between the first manifold and the second mamfold, the second tube bank disposed behind the first tube bank; wherein an outer surface of the first tube segment and an outer surface of the second tube segment are formed from a single sheet of material.

No. of Pages: 30 No. of Claims: 29

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND APPARATUS FOR INTEGRATED HVACR AND OTHER ENERGY EFFICIENCY AND DEMAND RESPONSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02J3/14 :61/799501 :15/03/2013 :U.S.A.	(71)Name of Applicant: 1)PACECONTROLS LLC Address of Applicant: Building 101 DOE EEB HUB 4747 South Broad Street Philadelphia PA 19112 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 Filing Date	:14/03/2014 :WO 2014/144175 :NA :NA :NA :NA	1)MILLS Jr. Thomas A. 2)BUDNEY Stanley

(57) Abstract:

Electronic controller apparatus for automatically controlling and managing load demand and operation of energy-consuming equipment powered by alternating electrical power current ,whereby feedback signals from a vapor compression evaporator or other source , and possibly other physical signals , are used to supplement the pre-fixed ,learned , or default settings to optimize compressor operation (run time) in cooling and refrigeration equipment , and thereby to improve heat transfer in the evaporator.

No. of Pages: 49 No. of Claims: 20

(21) Application No.10500/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS FOR THE EXPRESSION OF PEPTIDES AND PROTEINS

(51) International :C07K14/56,C07K14/245,C07K14/315 classification

(31) Priority Document No:13164098.9 (32) Priority Date :17/04/2013

(33) Name of priority :EPO

country

(86) International :PCT/EP2014/057887 Application No

:17/04/2014 Filing Date

(87) International Publication No

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

:WO 2014/170430

:NA

(57) Abstract:

Filing Date

(71) Name of Applicant:

1)HEINRICH HEINE UNIVERSIT,,T DSSELDORF Address of Applicant: Universit tsstrae 1 40225 D1/4sseldorf

Germany

(72)Name of Inventor: 1)SCHMITT Lutz 2)SCHWARZ Christian

3)SMITS Sander Hendrikus Joannes

The present invention lies in the field of molecular biology recombinant peptide and protein expression and relates to methods comprising nucleic acid sequences comprising allocrites of T1SSs or fragments thereof for the efficient production of recombinant Pe OIs and Pr OI. The allocrites or fragments thereof improve the expression of PeOI and Pr OI as IB and function as IB tags.

No. of Pages: 100 No. of Claims: 11

(21) Application No.10501/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 16/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A THERMODYNAMIC MACHINE

(51) International classification: F01K11/04,F01K25/00,F02C1/10 (71) Name of Applicant: 1)LYNN, Robert Gulliver (31) Priority Document No :609950 (32) Priority Date :29/04/2013 Address of Applicant :c/- 105 Alford Forest Road, Ashburton, (33) Name of priority country 7700 (NZ). New Zealand :New Zealand (86) International Application (72) Name of Inventor: :PCT/NZ2014/000078 1)LYNN, Robert Gulliver :29/04/2014 Filing Date (87) International Publication :WO 2014/178732 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A thermodynamic machipne comprising: a rotor configured to rotate about a rotor axis a working fluid circulation path and a coolant fluid path formed within the rotor the coolant fluid path fluidically isolated from the working fluid circulation path the working fluid circulation path spanning radially from the rotor axis to close to the periphery of the rotor; a working fluid circulation drive configured to drive the circulation of a working fluid about the working fluid circulation path; at least one working fluid cooler heat exchanger formed as part of the working fluid circulation path and the coolant fluid path in use coolant fluid passing through the working fluid cooler heat exchanger to transfer heat from the working fluid to the coolant fluid and; a working fluid heater in the working fluid circulation path configured to heat a working fluid circulating around the working fluid circulation path.

No. of Pages: 177 No. of Claims: 206

(21) Application No.10503/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOOT CONTROL IN OXIDATION REACTIONS

Filing Date :17/06/2014 (72)Name of Inventor: Filing Date :17/06/2014 (1)DAMSTEDT Bradley 2)BOOL Lawrence 3)RILEY Michael 3)RILEY Michael 3)RILEY Michael		 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/06/2014 :WO 2014/204888 :NA :NA	2)BOOL Lawrence
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(57) Abstract:

Soot formation in the partial oxidation of carbonaceous feed is controlled by controlling the momentum of the oxidant stream relative to the momentum of the carbonaceous feed stream.

No. of Pages: 19 No. of Claims: 14

(21) Application No.10504/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CHIMERIC FVII XTEN MOLECULES 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 	:C07K14/745 :61/829878 :31/05/2013 :U.S.A. :PCT/US2014/040370 :30/05/2014 :WO 2014/194282 :NA :NA	(71)Name of Applicant: 1)BIOGEN IDEC MA INC. Address of Applicant: 250 Binney Street Cambridge MA 02142 U.S.A. (72)Name of Inventor: 1)SALAS Joe 2)TAN Siyuan 3)PETERS Robert
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(57) Abstract:

The present invention provides chimeric FVII molecules comprising FVII an XTEN polypeptide and an antibody and antigen binding molecules thereof which specifically bind the a and/or subunits of the non active form of the GPIIb/IIIIa receptor. The antibodies and antigen binding molecules can be genetically fused and/or conjugated to heterologous moieties half life extending moiety. The invention also includes methods of producing and using the chimeric molecules.

No. of Pages: 352 No. of Claims: 122

(21) Application No.10505/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PACKAGED HOT MELT PRESSURE SENSITIVE ADHESIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/05/2014 :WO 2014/194087 :NA :NA	(71)Name of Applicant: 1)H.B. FULLER COMPANY Address of Applicant: 1200 Willow Lake Blvd. P.O. Box 64683 St. Paul MN 55164 0683 U.S.A. (72)Name of Inventor: 1)REMMERS Peter 2)LAUKIEN Dirk 3)PURVIS Lynne 4)PORRO Nicholas 5)TAYLOR Nicholas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)TAYLOR Nicholas

(57) Abstract:

The present invention relates to a packaged hot melt pressure sensitive adhesive composition and a coextrusion coating consisting of neat low density polyethylene neat polypropylene or neat ethylene vinyl acetate. The present invention further relates to the use of the packaged adhesive formed as individual forms in an adhesive application process and the use of the packaged adhesive in the production of laminated articles including nonwoven hygiene articles disposable medical drapes and also laminate constructions such as tapes and labels.

No. of Pages: 57 No. of Claims: 20

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TERNARY CERAMIC THERMAL SPRAYING POWDER AND COATING METHOD

:B05C5/00,C23C4/04,C23C4/10 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MESOCOAT INC. :61/798032 (32) Priority Date :15/03/2013 Address of Applicant :24112 Rockwell Drive Euclid Ohio (33) Name of priority country :U.S.A. 44117 U.S.A. (86) International Application No: PCT/US2014/030611 (72)Name of Inventor: Filing Date :17/03/2014 1)VOGLI Evelina (87) International Publication No: WO 2014/145787 2)SHERMAN Andrew J. (61) Patent of Addition to 3)GLASGOW Curtis P. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

The invention describes a method for producing ternary and binary ceramic powders and their thermal spraying capable of manufacturing thermal sprayed coatings with superior properties. Powder contain at least 30% by weight ternary ceramic, at least 20% by weight binary molybdenum borides, at least one of the binary borides of Cr, Fe, Ni, W and Co and a maximum of 10% by weight of nano and submicrosized boron nitride. The primary crystal phase of the manufactured thermal sprayed coatings from these powders is a ternary ceramic, while the secondary phases are binary ceramics. The coatings have extremely high resistance against corrosion of molten metal, extremely thermal shock resistance and superior tribological properties at low and at high temperatures.

No. of Pages: 21 No. of Claims: 43

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HERBICIDAL COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A01N43/10 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)N.K. Aggarwal Address of Applicant: GI/17, Industrial Area, G. T. Karnal Road, Azadpur, Delhi-110 033, India Delhi India (72)Name of Inventor: 1)N.K. Aggarwal
(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 a novel, synergistic, environmental friendly economical safer, stable herbicidal suspension concentrate formulation comprising of Fomesafen and Quizalofop-ethyl along with other excipients. The formulation of the present invention is used in controlling both the narrow leaves weed - Echinocloa spp., Setaria spp. and Cynodon spp., and broad leaves weed- Physalis spp., Acyranthus spp., Amaranthus spp., and Parthenium spp. of soybean crop without any Phytotoxicity to the crop at the application of least dosage of 400 to 600 ml lacre of the suspension concentrate formulation which contributes to improved agronomic practices and improve crop protection chemical spectrum in the market.

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

(21) Application No.9152/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : FOX03A AS PREDICTIVE BIOMARKER FOR PI3K/AKT KINASE PATHWAY INHIBITOR EFFICACY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:15/04/2011 :WO 2011/130654 :NA :NA	(71)Name of Applicant: 1)GENENTECH INC. Address of Applicant: 1 DNA Way MS#49 South San Francisco California 94080-4990 U.S.A. (72)Name of Inventor: 1)PUNNOOSE Elizabeth
- 14/	:NA :NA :NA	

(57) Abstract:

A method of predicting the sensitivity of tumor cell growth to inhibition by a PI3K/AKT kinase pathway inhibitor comprising: determining the localization profile of FOXO3a in a tumor cell wherein a cytoplasmic localization profile of FOXO3a correlates with sensitivity to inhibition by a PI3K/AKT kinase inhibitor and a nuclear localization profile of FOXO3a correlates with resistance to inhibition by a PI3K/AKT kinase inhibitor.

No. of Pages: 138 No. of Claims: 20

(21) Application No.9310/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INSPECTION 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 	:14/03/2014 :WO 2014/167942 :NA :NA	(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)OGATA Yuuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vibration inspecuon device (1) which, i n a rolling bearing (100) provided with an outer member (110) and an inner member (120) that relatively rotate via a ball (130), pressurizes the outer member (11) toward the inner member (120) by a pressurization means (20), detects vibration caused by the rotation of the inner member (120) about the axis thereof by a rotation drive means (10) in that state by a detection means (40), and determines, on the detection value thereof, whether or not the rolling bearing (100) is an accepted product, wherein a vibration damping means (30) is interposed between the outer member (110) and the pressurization means (20), and the detection means (40) is fixedly held by a holding part provided in the vibration damping means (30).

No. of Pages: 34 No. of Claims: 7

(21) Application No.9311/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTRIC MOTOR

(51) International :H02K23/00,H02K13/00,H02K23/04

(31) Priority Document No :2013063214 (32) Priority Date :26/03/2013 (33) Name of priority

country :Japan

country (86) International

Application No :PCT/JP2014/058351

Filing Date :25/03/2014

(87) International :WO 2014/157242

(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)MITSUBA CORPORATION

Address of Applicant :2681 Hirosawa cho 1 chome Kiryu shi

Gunma 3768555 Japan (72)Name of Inventor:

1)KAWASHIMA Yoshichika

2)TOKIZAKI Teppei 3)TAMURA Natsumi

(57) Abstract:

This electric motor is provided with: a yoke having six magnetic poles; a rotary shaft rotationally provided to the inner side of the yoke; an armature core (6) having teeth (36) attached to the rotary shaft so as to radially extend in the radial direction, the number of teeth (36) provided being even, and an even number of slots (37) formed between the teeth (36); an armature coil (7) wound on the teeth (36) in a single wave winding; and a commutator (13) provided to the rotary shaft so as to be adjacent to the armature core (6), a plurality of segments (41) to which the armature coil (7) is connected being disposed in the peripheral direction around the commutator (13).

No. of Pages: 107 No. of Claims: 11

(21) Application No.9312/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: COATING FOR A TITANIUM ALLOY SUBSTRATE

(51) International

:A61L27/04,A61L27/06,A61L27/30

classification

:13/793470

(31) Priority Document No

:11/03/2013

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

(86) International Application :PCT/US2014/018890

Filing Date

:27/02/2014

(87) International Publication :WO 2014/163919

(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) DEPUY SYNTHES PRODUCTS LLC

Address of Applicant :325 Paramount Drive Raynham MA

02767 U.S.A.

(72) Name of Inventor:

1)THORWARTH Kerstin

2)HAUERT Roland

3)THORWARTH Gotz

(57) Abstract:

The present disclosure relates, at least in part, to a surgical implant and a method for manufacturing the surgical implant. In one embodiment, the surgical implant comprises a metallic substrate; a tantalum interlayer disposed adjacent to the metallic substrate and comprising -tantalum and amorphous tantalum; at least one DLC layer disposed adjacent the tantalum inter layer; wherein the amorphous tantalum has a phase gradient increasing from the metallic substrate side to the DLC side; wherein the DLC layer has a hardness value and an elastic modulus value; and wherein the hardness value has a gradient increasing away from the tantalum side; and wherein the elastic modulus value has a gradient from the tantalum side.

No. of Pages: 30 No. of Claims: 21

(21) Application No.9306/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: CONTROLLER FOR AUTOMATIC CONTROL OF DUTY CYCLED HVAC&R EQUIPMENT, AND SYSTEMS AND METHODS USING SAME

(51) International :G05D23/30,F24F3/048,G06F13/10 classification

(31) Priority Document No :61/799804 (32) Priority Date :15/03/2013

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

(86) International Application :PCT/US2014/027152

No

:14/03/2014 Filing Date

(87) International Publication :WO 2014/152276

(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)PACECONTROLS LLC Address of Applicant : Building 101 DOE EEB Hub 4747

South Broad Street Philadelphia PA 19112 U.S.A.

(72)Name of Inventor:

1)KOLK Richard

(57) Abstract:

An electronic controller device for automatic control of a heating, ventilating, air conditioning or refrigeration (HVAC&R) system, which has at least a delayed start controller that is capable of delaying sending of a signal to power on a load unit and achieve a selected conditioned space temperature variation, and a demand regulator controller that is capable of calculating on times and off times to obtain a selected electrical demand. The electronic controller device can include a computer-readable storage medium that comprises programs to implement the delayed start and demand regulator controllers, and optionally other controller modules, can delay OEMON signals and/or adjust the on and off states, and/or provide other load unit control, to manage and reduce energy consumption and/or demand.

No. of Pages: 69 No. of Claims: 15

(21) Application No.9307/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTERFACE FOR RENEWABLE ENERGY 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 	:14/03/2014 :WO 2014/152765	(71)Name of Applicant: 1)TECHNOLOGY RESEARCH LLC Address of Applicant: Suite 900 5250 140th Avenue North Clearwater FL 33760 U.S.A. (72)Name of Inventor: 1)DELLA SERA Aldo P. 2)KRAVITZ Arnold 3)ACOSTA Luis
· · ·		1 '
6	:WO 2014/152765	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	3)ACOSTA Luis
Filing Date	:NA	

(57) Abstract:

An improved interface for renewable energy systems is disclosed for interconnecting a plurality of power sources such as photovoltaic solar panels, windmills, standby generators and the like. The improved interface for renewable energy systems includes a multi channel micro inverter having novel heat dissipation, novel mountings, electronic redundancy and remote communication systems. The improved interface for renewable energy systems is capable of automatic switching between a grid-tied operation, an off grid operation or an emergency power operation. The interface provides for monitoring and for detecting performance and/or faults in power sources such as photovoltaic solar panels.

No. of Pages: 68 No. of Claims: 55

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ACCELERATOR-DRIVEN SUBCRITICAL REACTOR 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 	:G21C1/30,G21C3/02 :61/802322 :15/03/2013 :U.S.A. :PCT/US2014/029842 :14/03/2014 :WO 2014/204536 :NA :NA	(71)Name of Applicant: 1)ELLWOOD Sutherland Cook Address of Applicant :PO Box 66 Tivoli NY 12583 U.S.A. (72)Name of Inventor: 1)ELLWOOD Sutherland Cook
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An accelerator-driven sub-critical reactor providing: 1) a significantly more efficient Thorium-cycle system, in one configuration, 2) a more energy-productive nuclear waste reduction system, 3) accelerator driven systems for other fertile-fission candidate elements, and 4) which may be applied to fusion systems (substituting the fission unit in the proposed system class and category) in a way that may lower the break-even point for such systems and thus make the advent of practical fusion sooner than otherwise possible. 5) In addition and importantly, an optical-power processing and distribution is also enabled by the proposed, providing both optical power as base power for telecom, process energy for industrial uses, and lighting and other wavelengths for consumer and general business use.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SUPERHYDROPHILIC COATING COMPOSITION

(51) International classification	:C09D1/12,C08K3/00	(71)Name of Applicant:
(31) Priority Document No	:13/838501	1)BEHR PROCESS CORPORATION
(32) Priority Date	:15/03/2013	Address of Applicant :3400 W. Segerstrom Avenue Santa Ana
(33) Name of priority country	:U.S.A.	California 92704 U.S.A.
(86) International Application No	:PCT/US2014/021511	(72)Name of Inventor:
Filing Date	:07/03/2014	1)SHI Jinzhen
(87) International Publication No	:WO 2014/149916	2)TARNG Ming Ren
(61) Patent of Addition to Application	:NA	3)LI Jigui
Number	:NA	4)ZHOU Shuxue
Filing Date	.IVA	5)WU Limin
(62) Divisional to Application Number	:NA	6)YANG Ling
Filing Date	:NA	

(57) Abstract:

A composition for forming a hydrophilic coating includes an organic binder having an average particle size from about 1 to about 100 nm and an inorganic binder having an average particle size from about 1 to about 40 nm. The composition fur ther includes an inorganic photocatalyst that catalyzes an oxidation-reduction reaction. Characteristically, the photocatalyst includes a photocatalytic metal oxide having an average particle size from about 1 to about 50 nm. Advantageously, coatings formed from the composition have improved stain resistance, low contact angle, and resistance to dirt adherence, while maintaining a clear optical character.

No. of Pages: 24 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :08/10/2015

(21) Application No.9329/DELNP/2015 A

(43) Publication Date: 12/02/2016

(54) Title of the invention: PORTABLE MONITORING UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G08B29/00 :11/314,807 :19/12/2005 :U.S.A. :PCT/US2006/032680	(71)Name of Applicant: 1)KATES, Lawrence Address of Applicant:1111 Bayside Drive, Corona Del Mar, California 92614, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:21/08/2006 :WO 2007/073417	1)KATES, Lawrence
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:5307/DELNP/2008 :19/06/2008	

(57) Abstract:

A sensor system that provides an adjustable threshold level for the sensed quantity is described. The adjustable threshold allows the sensor to adjust to ambient conditions, aging of components, and other operational variations while still providing a relatively sensitive detection capability for hazardous conditions. The adjustable threshold sensor can operate for extended periods without maintenance or recalibration. A portable monitoring unit working in communication with the sensor system provides immediate communication of conditions detected by the sensors. The portable monitoring unit allows building or complex management to be in communication with a sensor system at all times without requiring someone to be physically present at a monitoring site. The portable monitoring unit can be equipped with an auditory device for alerting management or a screen for displaying pertinent information regarding an occurring situation so that management can quickly identify and resolve the problem. In addition, the portable monitoring unit can also be equipped with function keys that allow the portable monitoring unit to send instructions back to the sensor system. In one embodiment, the portable monitoring unit also includes a second transceiver for communications over a short wave radio frequency, or with a cellular phone system.

No. of Pages: 64 No. of Claims: 20

(21) Application No.9330/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LUBRICATION STRUCTURE FOR VALVE SYSTEM

:16/02/2015

(51) International classification :F01M1/08,F01M1/06,F01M9/10 (71) Name of Applicant:

(31) Priority Document No :2014045840 (32) Priority Date :10/03/2014

(33) Name of priority country :Japan

(86) International Application :PCT/JP2015/054093 No

Filing Date

(87) International Publication No:WO 2015/137046

(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 City Shizuoka 4328611 Japan

(72)Name of Inventor: 1)NISHIYAMA Nobuo

(57) Abstract:

[Problem] To provide a lubrication structure for a valve system that maintains appropriate lubrication performance and i s capable of improving durability. [Solution] A lubrication structure (70) according to the present invention is provided with: a valve system (22) including an intake rocker shaft (55) that is supported by a cylinder head (31) constituting a cylinder (21) in an engine (4), and an intakerocker arm (57) that is supported oscillably by the intake rocker shaft (55) and that is arranged so as to be in contact with an intake valve (50); a fixing boss (44) placed facing a contact area (90) where the intake rocker arm (57) and the intake valve (50) are in contact, and used in the assembly of the cylinder (21); an oil passage (71) formed on the inside of the fixing boss (44); and a spray opening (75) formed in the fixing boss (44) so as to spray oil from inside the oil passage (71) towards the contact area (90).

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

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : NON- HYDRAULIC FRACTURING AND COLD FOAM PROPPANT DELIVERY SYSTEMS , METHODS ,AND PROCESSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:E21B43/267 :13/858780 :08/04/2013 :U.S.A.	(71)Name of Applicant: 1)EXPANSION ENERGY LLC Address of Applicant: 26 Leroy Avenue Tarrytown NY 10591 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 Filing Date	:25/03/2014 :WO 2014/168751 :NA :NA :NA	1)VANDOR David

(57) Abstract:

Methods and systems of fracturing subterranean formations are provided comprising pumping metacritical phase natural gas into a subterranean formation to create or extend one or more fissures in the formation. Methods and systems may further comprise maintaining or increasing pressure of the metacritical phase natural gas in the formation by pumping more metacritical phase natural gas into the fissures to hold the fissures open. Methods and systems may further comprise delivering a proppant into the subterranean formation. Disclosed methods and systems may be used to extract hydrocarbons from subterranean formations without the use of liquids. Methods and systems of delivering proppant comprise providing a non-aqueous liquid, adding a surfactant to the non-aqueous liquid, adding a proppant stream, pumping to pressure the non-aqueous liquid, surfactant and proppant stream, using pressurized natural gas to energize the non-aqueous liquid, surfactant and proppant stream, and delivering the energized non-aqueous liquid, surfactant and proppant stream into a subterranean formation. Methods of recovering proppant delivery liquid are also provided.

No. of Pages: 40 No. of Claims: 18

(21) Application No.9320/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: BICYCLO [2.2.2] ACID GPR120 MODULATORS

(51) International :C07D307/79,C07C255/54,C07C231/12 classification

(31) Priority Document :61/782396

:14/03/2013 (32) Priority Date

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

(86) International

:PCT/US2014/025187 Application No

:13/03/2014 Filing Date

(87) International

:WO 2014/159802 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)BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and ProvinceLine Road

Princeton New Jersey 08543 U.S.A.

(72) Name of Inventor:

1)SHI Yan 2)ZHANG Hao

3)CHENG Peter T.W.

4)TAO Shiwei

(57) Abstract:

Filing Date

The present invention provides compounds of Formula (I) or a stereoisomer, or a pharmaceutically acceptable salt thereof, wherein all of the variables are as defined herein. These compounds are GPR120 G protein-coupled receptor modulators which may be used as medicaments.

No. of Pages: 81 No. of Claims: 11

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BICYCLO [2.2.1] ACID GPR120 MODULATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07C59/86 :61/782469 :14/03/2013 :U.S.A. :PCT/US2014/025153 :13/03/2014 :WO 2014/159794 :NA :NA	(71)Name of Applicant: 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant:Route 206 and Province Line Road Princeton New Jersey 08543 U.S.A. (72)Name of Inventor: 1)SHI Yan 2)CHENG Peter T. W. 3)WANG Ying 4)WU Shung C.
		,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides compounds of Formula (I): (I) or a stereoisomer, or a pharmaceutically acceptable salt thereof, wherein all of the variables are as defined herein. These compounds are GPR120 G protein-coupled receptor modulators which may be used as medicaments.

No. of Pages: 135 No. of Claims: 13

(21) Application No.9322/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

(51) International

:C07D471/04,C07D519/00,A61K31/429

classification

(31) Priority Document :61/781764

(32) Priority Date :14/03/2013

(33) Name of priority country

:U.S.A.

(86) International

:PCT/US2014/025525 Application No

Filing Date

(87) International

:WO 2014/159959

:13/03/2014

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)BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and ProvinceLine Road

Princeton New Jersey 08543 U.S.A.

(72) Name of Inventor:

1)NAD3U B. Narasimhulu

2)PATEL Manoj

3) CONNOLLY Timothy P.

(57) Abstract:

The disclosure generally relates to compounds of formula (I), including compositions and methods for treating human immunodeficiency virus (HrV) infection. The disclosure provides novel inhibitors of HIV, pharmaceutical compositions containing such compounds, and methods for using these compounds in the treatment of HIV infection.

No. of Pages: 123 No. of Claims: 15

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: MAGNETIC COMPENSATION CIRCUIT AND METHOD FOR COMPENSATING THE OUTPUT OF A MAGNETIC SENSOR ,RESPONDING TO CHANGES A FIRST MAGNETIC FIELD

(51) International :G01R33/00,G01R33/02,G01R33/025

classification

(31) Priority Document No :61/804097 (32) Priority Date :21/03/2013

(33) Name of priority

:U.S.A. country

(86) International

:PCT/BR2014/000093 Application No :20/03/2014

Filing Date

(87) International

:WO 2014/146184 Publication No

(61) Patent of Addition to

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

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

1)VALE S.A.

Address of Applicant : Avenida Gra§a Aranha nº 26 Centro

20030 001 Rio de Janeiro RJ Brazil

2)WEST Gordon Fox

(71)Name of Applicant:

3)WALKER Peter Whyte

4)POLZER Benjamin David

(72)Name of Inventor:

1)WEST Gordon Fox

2)WALKER Peter Whyte

3)POLZER Benjamin David

(57) Abstract:

A solution for compensating a magnetic field sensor to permit detection of a small magnetic field in the presence of a large magnetic field is disclosed. A magnetic field sensor detects the magnetic field which produces an analogue signal then encoded by an analogue to digital converter (ADC) into a digital stream- A controller operating on the digital stream incorporates additional sensor data to Create a compensation signal which is sent to a digital to analogue (DAC) Converter. This compensation signal then modifies the output of the magnetic field sensor before entering the ADC. Compensation is software Controlled, and is thus adaptable to numerous conditions requiring compensation. Apart from being easily tunable, the compensation may respond dynamically to changing conditions. The invention has particular application to airborne electromagnetic surveying where small fields scattered from the Earth are measured in the presence of a large transmitted field.

No. of Pages: 30 No. of Claims: 22

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BUCKING CIRCUIT FOR ANNULLING A MAGNETIC FIELD

(51) International classification	:G01V3/165,G01V3/10	(71)Name of Applicant:
(31) Priority Document No	:61/804080	1)VALE S.A.
(32) Priority Date	:21/03/2013	Address of Applicant :Av. Gra§a Aranha 26 Centro CEP:
(33) Name of priority country	:U.S.A.	20030 000 Rio de Janeiro RJ Brazil
(86) International Application No	:PCT/BR2014/000094	2)WEST Gordon Fox
Filing Date	:20/03/2014	3)WALKER Peter Whyte
(87) International Publication No	:WO 2014/146185	4)POLZER Benjamin David
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)WEST Gordon Fox
Filing Date	.IVA	2)WALKER Peter Whyte
(62) Divisional to Application Number	:NA	3)POLZER Benjamin David
Filing Date	:NA	

(57) Abstract:

A method and apparatus is provided for bucking a magnetic field of known geometry and time variation by means of a plurality of bucking loops. It utilizes multiple loops, each of which is energized by an electric current that creates a magnetic field of the known time variation. The multi-loop field forms a bucking magnetic field that better opposes the spatial variation in the known magnetic field over a volume than can the magnetic field from a single loop. The present invention is useful in electromagnetic measurements, where the magnetic field of a con trolled source transmitter must be annulled at a magnetic field sensor. It is particularly useful for cases where the magnetic sensor may move relative to the transmitter, such as in certain airborne electromagnetic measurements.

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

(21) Application No.9325/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NANOSCALE ARTIFICIAL ANTIGEN PRESENTING CELLS

(51) International classification	:C12N5/078,A61K35/12	(71)Name of Applicant:
(31) Priority Document No	:61/786135	1)THE JOHNS HOPKINS UNIVERSITY
(32) Priority Date	:14/03/2013	Address of Applicant :3400 N. Charles Street Baltimore
(33) Name of priority country	:U.S.A.	Maryland 21218 U.S.A.
(86) International Application No	:PCT/US2014/025889	(72)Name of Inventor:
Filing Date	:13/03/2014	1)SCHNECK Jonathan
(87) International Publication No	:WO 2014/160132	2)OELKE Mathias
(61) Patent of Addition to Application	:NA	3)PERICA Karlo
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure provides nano scale Artificial Antigen Presenting Cells (aAPC) which deliver stimulatory signals to lymphocytes including cytotoxic lymphocytes for use as a powerful tool for immunotherapy.

No. of Pages: 152 No. of Claims: 87

(21) Application No.9332/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ACETALIZED POLYVINYL ALCOHOL BARRIER COATINGS

(51) International (71)Name of Applicant: :C08F16/06,C08L29/04,C09D129/04 classification 1)SUN CHEMICAL CORPORATION (31) Priority Document No :61/825606 Address of Applicant :35 Waterview Boulevard Parsippany NJ (32) Priority Date :21/05/2013 07054 U.S.A. (72)Name of Inventor: (33) Name of priority :U.S.A. country 1)KHAN Safraz (86) International :PCT/US2014/038142 Application No :15/05/2014 Filing Date (87) International :WO 2014/189755 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

An in situ method of preparing modified polyvinylacetals is described with the aim of improving the alcohol tolerance while retaining barrier properties of the base polymer.

No. of Pages: 28 No. of Claims: 23

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTELLIGENT POSITIONING SYSTEM AND METHODS THEREFORE

(71)Name of Applicant: 1)SYNAPTIVE MEDICAL (BARBADOS) INC. (51) International classification :A61B19/00,A61B5/00,B25J13/00 Address of Applicant : Chancery House High Street (31) Priority Document No :61/801530 Bridgetown Barbados (32) Priority Date :15/03/2013 (72) Name of Inventor: (33) Name of priority country :U.S.A. 1)PIRON Cameron (86) International Application :PCT/CA2014/050271 2)WOOD Michael :14/03/2014 3)SELA Gal Filing Date 4)RICHMOND Joshua (87) International Publication :WO 2014/139023 5)YUWARAJ Murugathas 6)MCFADYEN Stephen (61) Patent of Addition to :NA 7)PANTHER Alex **Application Number** :NA 8)SHANMUGARATNAM Nishanthan Filing Date 9)LAU William (62) Divisional to Application :NA 10)THOMAS Monroe M. Number :NA 11)HODGES Wes Filing Date 12)ALEXANDER Simon 13)GALLOP David

(57) Abstract:

System and methods are provided for adaptively and interoperatively configuring an automated arm used during a medical procedure. The automated arm is configured to position and orient an end effector on the automated arm a desired distance and orientation from a target. The end effector may be an external video scope and the target may be a surgical port. The positions and orientations of the end effector and the target may be continuously updated. The position of the arm may be moved to new locations responsive to user commands. The automated arm may include a multi joint arm attached to a weighted frame. The weighted frame may include a tower and a supporting beam.

No. of Pages: 114 No. of Claims: 73

(21) Application No.9334/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SLIDE RING SEAL ARRANGEMENT WITH A SIMPLIFIED 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 	:F16J15/34 :10 2013 007 165.8 :24/04/2013 :Germany :PCT/EP2014/055251 :17/03/2014 :WO 2014/173585 :NA :NA	(71)Name of Applicant: 1)EAGLEBURGMANN GERMANY GMBH & CO. KG Address of Applicant:,,ussere Sauerlacher Str. 6 10 82515 Wolfratshausen Germany (72)Name of Inventor: 1)JENISCH Bernhard 2)FICHTNER Joseph 3)DR-SCHER Peter 4)GERG Josef
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(57) Abstract:

The invention relates to a slide ring seal arrangement comprising a rotating slide ring (2) and a static slide ring (3), which delimit a sealing gap (4) between them, a holding ring (5) for holding the static slide ring (3), and a housing (6), wherein a clamping connection (7) is provided, by means of at least one clamping component (8), between the housing (6) and the holding ring (5)

No. of Pages: 13 No. of Claims: 10

(21) Application No.9335/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LOW-SPILL COUPLING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16L37/34 :61/799612 :15/03/2013 :U.S.A. :PCT/US2014/027937 :14/03/2014 :WO 2014/143809 :NA :NA	(71)Name of Applicant: 1)COLDER PRODUCTS COMPANY Address of Applicant:1001 Westgate Drive St. Paul MN 55114 U.S.A. (72)Name of Inventor: 1)VRANISH David J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A female coupling device (100) includes: a main body (110) having a front face (112), the front face including an opening (114) leading into a fluid passageway; a stem (130) having a stem head (134) positioned within a sleeve (136); a spring (124) positioned about the stem that biases the sleeve into a closed position; a first seal (142) that seals between the main body and the sleeve; a second seal (144) that seals between the sleeve and the stem head; and a third seal (146) that is positioned at the opening of the main body to seal against a mating male coupling device.

No. of Pages: 14 No. of Claims: 1

(21) Application No.9336/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HUMIDITY CONTROL SYSTEM FOR WOOD PRODUCTS

(51) International :B01D53/26,B01D53/28,B01D53/30 classification :B01D53/26,B01D53/28,B01D53/30 (31) Priority Document No :13/803319 (32) Priority Date :14/03/2013 (33) Name of priority country:U.S.A. (86) International :PCT/US2014/015547 (10/03/2014)

Filing Date :10/02/2014

(87) International Publication :WO 2014/158383

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(22) Patent of Addition to
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)BOVEDA INC.

Address of Applicant: 17613 Minnetonka Boulevard Wayzata

Minnesota 55391 3316 U.S.A.

(72)Name of Inventor: 1)EGBERG David C.

2)ESSE Robert L.

(57) Abstract:

A humidity control device for use in maintaining the desired humidity for wood musical instrument art objects and museum artifacts, the device including a water vapor permeable pouch and a saturated aqueous solution having a suitable humidity control point for use with these objects.

No. of Pages: 24 No. of Claims: 25

(21) Application No.9337/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING LIGHTWEIGHT MIDSOLE MEMBERS WITH PROTECTIVE ELEMENTS

(51) International :A43B1/00,A43B13/12,A43B13/18 classification

:WO 2014/152333

:13/835715 (31) Priority Document No (32) Priority Date :15/03/2013

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

(86) International Application :PCT/US2014/027221

No

:14/03/2014 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)NIKE INNOVATE C.V.

Address of Applicant: One Bowerman Drive Beaverton OR

97005 U.S.A.

(72) Name of Inventor:

1)DOJAN Frederick J. 2) HOLMES Matthew J.

3)LINDNER Troy C. 4)NETHONGKOME Benjamin

5)THOMPSON Dolores S.

(57) Abstract:

Sole structures for articles of footwear, including athletic footwear include a relatively soft and lightweight foam midsole component partially covered by at least one more rigid and/or dense cage (protective) component(s) and/or other protective component(s).

No. of Pages: 85 No. of Claims: 20

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: WET TISSUE PACKAGING BODY

(51) International :B65D83/08,A47K7/00,A47K10/42

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/JP2013/001700

No Filing Date :14/03/2013

(87) International Publication

:WO 2014/141320

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

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

(71)Name of Applicant:

1)YAMADA Kikuo

Address of Applicant :Tiara Shimazuyama 305 1 2 15 Higashi

Gotanda Shinagawa ku Tokyo 1410022 Japan

(72)Name of Inventor:

1)YAMADA Kikuo

(57) Abstract:

Provided i s a wet tissue packaging body that makes it possiole to renaoly close a lia and limn the progression drying o f wet tissues even when the bulk of a stacked body o f wet tissues that i s stored in a storage container i s reduced, and that i s capable of making i t easier to pick u p a tip section of a wet tissue and pull out the wet tissue. The wet tissue packaging body (1) i s provided with a stacked body (6) of wet tissues comprising a plurality of wet tissues (7), a container structural body (3) within which the stacked body (6) of wet tissues can be stored and to which an extraction section (11) is provided that makes i t possible to pull out a wet tissue (7) to the outside from an extraction port (12) through which the wet tissue (7) i s capable of passing, and an openable lid (5) that i s capable of blocking the extraction port (12) from the outside. The wet tissue packaging body (1) that i s configured by storing the stacked body (6) f wet tissues in the container structural body (3) i s provided with a resistance-imparting member (4) that forms a resistance-imparting section (13) that imparts resistance to a wet tissue (7) between the extraction section (11) and the stacked body (6) of wet tissues when the wet tissue (7) is pulled out from the extraction port (12). I n addition, the wet tissue pack aging body (1) i s configured so that the resistance-imparting section (13) of the resistance-imparting member (4) moves toward the interior of the container structural body (3) i n accordance with the amount b y which the bulk of the stacked body (6) of wet tissues decreases as a result of a wet tissue (7) being pulled out from the extraction port (12).

No. of Pages: 72 No. of Claims: 8

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: DEVICE FOR UNLOCKING LOCK RECOGNIZING PUNCHED CARD

(51) International classification	:E05B27/00,E05B35/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAZETECH CO. LTD.
(32) Priority Date	:NA	Address of Applicant :201 B SongdoTechnoPark 994
(33) Name of priority country	:NA	Dongchun dong Yeonsu gu Incheon 405 130 Republic of Korea
(86) International Application No	:PCT/KR2010/004062	(72)Name of Inventor:
Filing Date	:23/06/2010	1)LEE Byung Sung
(87) International Publication No	:WO 2011/162424	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for unlocking a lock recognizing a punched card includes a card recognition unit and an unlocking unit. The card recognition unit comprises: a base plate into which a card provided with a plurality of holes is inserted; a moving plate which is coupled to the base plate in such a manner that the moving plate can move closer to or away from the base plate; a first recognition unit that recognizes the holes in the card depending on insertions into the holes in the card in the process of the moving plate moving closer to the base plate; and a second recognition unit that recognizes the absence of a hole in the card based on contact with the area of the card lacking holes in the process of the moving plate moving closer to the base plate. The unlocking unit unlocks the lock based on the recognition results of the first and second recognition units. Fig. 1

No. of Pages: 41 No. of Claims: 7

(21) Application No.11295/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMAGE CAPTURE LENS AND IMAGE CAPTURE 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 	:G02B13/00 :2010146742 :28/06/2010 :Japan :PCT/JP2011/063865 :10/06/2011 :WO 2012/002167 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor: 1)OKANO Hideaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are an image capture lens and an image capture device having satisfactory optical performance supporting a high-resolution image capture element, and being highly miniaturized and lightweight. The image capture device is configured, in order from the object side, from a first lens having a positive refraction; an aperture stop; a second lens having either a positive or a negative refraction; a third lens having a negative refraction; a fourth lens having a positive refraction; and a fifth lens having a negative refraction; satisfying the following conditional formulae (1, 2, 3): (1) 0.80 < f1 / f < 1.40; (2) f1 < |f3| < 1.50; and (3) -0.20 < f1 / f2 < 0.90; where f is the focal length of the overall lens assembly, f1 is the focal length of the first lens, f2 is the focal length of the second lens, and f3 is the focal length of the third lens.

No. of Pages: 99 No. of Claims: 7

(21) Application No.2241/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A NOVEL PROCESS FOR CASHEW CUTTING AND PEELING

(51) International classification	:A23N5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :Krishi Bhavan, Dr. Rajendra Prasad
(86) International Application No	:NA	Road, New Delhi 110 001, India. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)POTTY, Vasudevan Padmanabhan
(61) Patent of Addition to Application Number	:NA	2)SOBHA, Sabna Prabha
Filing Date	:NA	3)LEO, Vincent Vineet
(62) Divisional to Application Number	:NA	4)VISWANATH, Vinod
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a novel, eco-friendly, time-saving, non-thermal and non-enzymatic processing of raw cashew nuts using hydroxyl ion radicals and ascorbic acid.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :29/05/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: STABLE HETERODIMERIC ANTIBODY DESIGN WITH MUTATIONS IN THE FC DOMAIN

(51) International classification	:C07K16/46,A61K39/395,A61P35/00	1)ZYMEWORKS INC.
(31) Priority Document No	:61/556090	Address of Applicant :540 1385 West 8th Avenue Vancouver
(32) Priority Date	:04/11/2011	British Columbia V6H 3V9 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)SPRETER VON KREUDENSTEIN Thomas
(86) International Application No Filing Date	:PCT/CA2012/050780 :02/11/2012	2)DIXIT Surjit Bhimarao 3)ESCOBAR CABRERA Eric 4)LARIO Paula Irene
(87) International Publication No	:WO 2013/063702	5)POON David Kai Yuen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The provided scaffolds have heavy chains that are asymmetric in the various domains (e.g.CH2 and CH3) to accomplish selectivity between the various Fc receptors involved in modulating effector function beyond those achievable with a natural homodimeric (symmetric) Fc molecule and increased stability and purity of the resulting variant Fc heterodimers. These novel molecules comprise complexes of heterogeneous components designed to alter the natural way antibodies behave and that find use in therapeutics.

No. of Pages: 249 No. of Claims: 61

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MICROVESICLE, AND MANUFACTURING METHOD FOR SAME

(51) International :C12N15/09,A61K48/00,A61P35/00 classification

(31) Priority Document No :61/779556

(32) Priority Date :13/03/2013 (33) Name of priority country: U.S.A.

(86) International Application: PCT/JP2014/056651

No :13/03/2014

Filing Date

(87) International Publication :WO 2014/142235 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)LI Zhong

Address of Applicant :6 3 2 2822 Kachidoki Chuo ku Tokyo

1040054 Japan

2)KATSURA Misako (72)Name of Inventor:

1)LI Zhong

2)KATSURA Misako

3)FENG LUO

(57) Abstract:

The present invention provides: a manufacturing method for microvesicles containing lentivirus R A having a transgenic product and/or a transgene, the method including a step in which cells are cultured after having a transgene introduced thereto using a lentivirus vector : from wmch at least one structural protein gene has been deleted, and which contains a transgene under the control of a telomerase reverse transcriptase (TERT) gene promoter in the lentivirus genome sequence, and then microvesicles containing the lentivirus RNA having a transgenic product and/or transgene are released to the outside of the cell, and a step i n which the released microvesicles are collected; microvesicles obtained using said method; and uses for said microvesicles.

No. of Pages: 118 No. of Claims: 21

(21) Application No.9340/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOUND DAMPING COMPOSITION

(51) International classification :C08L95/00,B32B5/16,B32B11/00 (71)Name of Applicant:

:12/03/2014

(31) Priority Document No :13159287.5 (32) Priority Date :14/03/2013

(33) Name of priority country :EPO

(86) International Application :PCT/EP2014/054783

Filing Date

(87) International Publication :WO 2014/140071

No

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

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

(57) Abstract:

1)AUTONEUM MANAGEMENT AG
Address of Applicant :Schlosstalstrasse 43 CH 8406
Winterthur Switzerland
(72)Name of Inventor :
1)STOPIN Gilles

A sound damping material composition for use as a bake -on free layer cladding in automotive applications, in particularly to dampen acoustic vibrations coming from 3D shaped metal body panels of vehicles, based on flaky mica filled bitumen.

No. of Pages: 14 No. of Claims: 11

(21) Application No.9341/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: VEHICLE DAMPER DEVICE

(51) International classification: F16F15/134,B60K6/26,B60K6/36 (71) Name of Applicant:

:22/03/2013

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/JP2013/058420 No

Filing Date

(87) International Publication :WO 2014/147839

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

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

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72) Name of Inventor:

1)SUGIYAMA Masataka

2)KIMURA Hiroaki

(57) Abstract:

Provided is a vehicle damper device that is useful and has high NV damping properties in a vehicle damper device provided integrally with a torque limiter device. A coil spring(52) is disposed at the outer peripheral side, and so it is possible to greatly reduce t5 he spring stiffness of the coil spring (52). Furthermore, an inertial plate (56) is added between the coil spring (52) and a torque limiter mechanism (62), and so the inertia of the damper device (38) is increased. Consequently, it is possible to achieve a damper device (38) having high NV damping properties and able to avoid twisting resonance. Also, the load imposed on an input shaft (39) during traveling increases in contradiction to the increase in inertia, but the load is borne by the crankshaft (36) via a ball bearing (57), and so it is possible to also prevent an increase in size of a housing (42) and the input shaft (39) accompanying the increase in inertia.

No. of Pages: 33 No. of Claims: 3

(21) Application No.9342/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INCREASING THE TRANSMITTANCE OF ULTRAVIOLET RAYS IN WATER DISINFECTION

(51) International classification :C02F1/32,H01J61/34,H01J61/40 (71)Name of Applicant: (31) Priority Document No 1)PRADO LAVIN Rodrigo :7432013 (32) Priority Date :19/03/2013 Address of Applicant: Avenida Carlos Valdovinos 1299 San (33) Name of priority country Miguel CP 89110026 Santiago Chile :Chile (72) Name of Inventor: (86) International Application :PCT/CL2014/000009 1)PRADO LAVIN Rodrigo No :14/03/2014 Filing Date (87) International Publication :WO 2014/146211 (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 method for improving the transmission of ultraviolet rays emitted by a lamp inserted into a quartz tube used in a device for disinfecting water using UV light. The purpose of the method is to prevent the deterioration of ultraviolet rays as they pass through a gaseous mdium, in particular air. This results in the improved efficiency of the disinfection device and reduced power consumption. The method is based primarily on removing the air from the space inside the quartz tube that surrounds the ultraviolet ray emitting lamp and subsequently introducing another gas therein.

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

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ZEOLITIC ADSORBENTS FOR USE IN ADSORPTIVE SEPARATION PROCESSES AND METHODS FOR MANUFACTURING THE SAME

(51) International classification :B01J20/30,B01J20/18 (71)Name of Applicant : (31) Priority Document No :13/869845 1)UOP LLC (32) Priority Date Address of Applicant :25 East Algonquin Road P. O. Box :24/04/2013 (33) Name of priority country 5017 Des Plaines Illinois 60017 5017 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2014/032463 Filing Date :01/04/2014 1)HURST Jack E. (87) International Publication No :WO 2014/176002 2) SCHWERIN William Craig (61) Patent of Addition to Application 3)DAVIS Mark M. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for producing a zeolitic adsorbent includes providing a zeolite material, providing a first clay binder material and a second clay binder material, and determining a desired adsorption kinetics rate for the zeolitic adsorbent. The desired adsorption kinetics rate is based at least in part on a separations process in which the zeolitic adsorbent is desired to be employed. Selecting either the first clay binder material or the second clay binder material is based at least in part on the determined desired adsorption kinetics rate. The method further includes blending the zeolite material and the selected first or second clay binder material to form a zeolite/binder blended system, forming a plurality of shaped zeolitic adsorbent pieces from the exchanged zeolite/binder blended system, and ion-exchanging the shaped pieces with an exchange cation to form an ion-exchanged zeolite/binder blended system.

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

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: APPARATUSES AND METHODS FOR REFORMING OF HYDROCARBONS

(51) International classification :C01B3/26,C07C6/00,C07C7/00 (71)Name of Applicant :

(31) Priority Document No :13/871271 (32) Priority Date :26/04/2013

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

(86) International Application No: PCT/US2014/018136 Filing Date :25/02/2014

(87) International Publication No: WO 2014/175956

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

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

1)UOP LLC

Address of Applicant: 25 East Algonquin Road P. O. Box

5017 Des Plaines Illinois 60017 5017 U.S.A.

(72)Name of Inventor:

1)HARTMAN William M.

2)ZHU Xin X. 3)LANE Lisa M. 4)YANEZ William

(57) Abstract:

Embodiments of apparatuses and methods for reforming of hydrocarbons are provided herein. In one example, a method comprises burning fuel gas to form a hot flue gas and heat a reforming-zone feedstock that contains (Cs - Cn) hydrocarbons to form a heated reforming-zone feed stream. The heated reforming-zone feed stream is partially reformed to form a partially reformed effluent. The partially reformed effluent is advanced through a process heat recovery coil arrangement that is recovering heat from the hot flue gas to form a heated partially reformed effluent. The heated partially reformed effluent is contacted with reforming catalyst at reforming conditions effective to form a reforming reaction-zone effluent. The reforming reaction-zone effluent comprises H2, C hydrocarbons including aromatics, and C hydrocarbons.

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

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: NANOPARTICLES HAVING HIGHLY TUNABLE PHYSICAL PROPERTIES AND METHOD OF SYNTHESIZING THE SAME

(51) International classification	:C12Q1/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE LNM INSTITUTE OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :DEPARTMENT OF PHYSICS, RUPA-
(86) International Application No	:NA	KI-NANGAL SUMEL, JAMDOLI JAIPUR-302031
Filing Date	:NA	RAJASTHAN INDIA. Rajasthan India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SOMNATH BISWAS
Filing Date	:NA	2)MAHESH PATANGE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to Ni-NiO core-shell structured nanoparticles having highly tunable physical properties and a method of synthesizing the same. The nanoparticles are monodispersed graphitic carbon stabilized core-shell structured Ni-NiO nanoparticles with face centered cubic structure with a space group of FmSm and having thermal stability up to a temperature of 900°C. The nanoparticles have typical size in the range of 10 to 15 nm. The method of synthesizing comprises dropwise mixing a solution of nickel nitrate hexahydrate and a solution of poly- vinyl alcohol and sucrose in water at a temperature of 60-65°C maintaining a pH of 9 while continuously stirring to form a polymer precursor solution. The precursor solution was cooled to room temperature and kept for ageing at 20 to 25°C for at least 24 h to form a gel. The gel is dried at 50-70°C in air and heat treated at selected temperatures in the range 400-900°C in ambient air for 2 h.

No. of Pages: 42 No. of Claims: 7

(21) Application No.90/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ACTIVE SINTERED TUNGSTEN WIRE DISPENSER CATHODE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ASISH KUMAR
(61) Patent of Addition to Application Number	:NA	2)RUDDARRAJU SURYANARAYANA RAJU
Filing Date	:NA	3)BISHT MAHESH SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The emitting button of a controlled porosity dispenser (CPD) cathode is fabricated out of an active sintered compact (bundle) of tungsten (W) wires. This cathode is hereafter called as active sintered CPD cathode. The active sintering is accomplished by infiltrating a low melting interface material, nickel (Ni) in the present case, and subsequently sintering the bunch at moderate temperature using a specially designed compression fixture. The emitting button thus produced is impregnated with Ba-Ca-aluminates and subsequently laser tagged to a potted heater assembly to form a complete cathode assembly. The uniformity of pore size and its distribution provides an even distribution of barium (Ba) across the surface resulting in a uniform emission as compared to that of a conventional impregnated (B-type) cathode. Further, the emission density and recovery to ion bombardment is expected to be better as compared to that of a B-type cathode due to a relatively high coverage of Ba.

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

(21) Application No.9345/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS AND APPARATUS FOR RECOVERING LPG FROM PSA TAIL GAS

:C10G49/02,B01D53/047 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)UOP LLC :13/904509 (32) Priority Date :29/05/2013 Address of Applicant :25 East Algonquin Road P. O. Box (33) Name of priority country 5017 Des Plaines Illinois 60017 5017 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2014/032515 1)GLOVER Bryan K. Filing Date :01/04/2014 (87) International Publication No :WO 2014/193539 2)MININ Marina (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A process for recovering liquefied petroleum gas from tail gas includes recovering a tail gas stream from a pressure swing adsorption zone and contacting the tail gas stream with a sponge liquid such as an unstabilized reformate liquid stream in order to recover C3+ hydrocarbons from the tail gas stream. The C3+ hydrocarbons may be recovered from the sponge liquid as lique fied petroleum gas.

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

(21) Application No.9346/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MIXTURES OF PHYSICAL ABSORPTION SOLVENTS AND IONIC LIQUIDS FOR GAS **SEPARATION**

(51) International :B01D53/14,B01D53/62,C01B31/02

classification

:13/873804 (31) Priority Document No (32) Priority Date :30/04/2013 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2014/032903

No :04/04/2014 Filing Date

(87) International Publication :WO 2014/178991

(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)UOP LLC

Address of Applicant: 25 East Algonquin Road P. O. Box

5017 Des Plaines Illinois 60017 5017 U.S.A.

(72) Name of Inventor:

1)BRODERICK Erin M.

2)BHATTACHARYYA Alakananda

(57) Abstract:

The invention comprises an absorbent composition and process for purification of gaseous mixtures. The composition comprises a mixture of a physical absorption solvent and an ionic liquid. It was found that the mixtures provided improved absorption of a gas component, such as carbon dioxide, when compared physical absorption solvents.

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

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : PROCESS FOR RECOVERING ALKALI METALS AND SULFUR FROM ALKALI METAL SULFIDES AND POLYSULFIDES

(51) International classification (31) Priority Document No	:61/781557	(71)Name of Applicant: 1)CERAMATEC INC.
(32) Priority Date(33) Name of priority country	:14/03/2013 :U.S.A.	Address of Applicant :2425 South 900 West Salt Lake City Utah 84119 U.S.A.
(86) International Application No	:PCT/US2014/027292	(72)Name of Inventor:
Filing Date	:14/03/2014	1)GORDON John Howard
(87) International Publication No	:WO 2014/152393	2)ALVARE Javier
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Alkali metals (126) and sulfur (128) may be recovered from alkali monosulfide and polysulfides (122) in an electrolytic process that utilizes an electrolytic cell (120) having an alkali ion conductive membrane. An anolyte solution includes an alkali monosulfide, an alkali polysulfide, or a mixture thereof and a solvent that dissolves elemental sulfur. A catholyte includes molten alkali metal. Applying an electric current oxidizes sulfide and polysulfide in the anolyte compartment, causes alkali metal ions to pass through the alkali ion conductive membrane to the catholyte compartment, and reduces the alkali metal ions in the catholyte compartment. Liquid sulfur separates from the anolyte solution and may be recovered. The electrolytic cell is operated at a temperature where the formed alkali metal and sulfur are molten.

No. of Pages: 28 No. of Claims: 24

(21) Application No.3402/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS OF POWER DEVICE LIGHTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/890920 :27/09/2010 :U.S.A.	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)CHANG Yi ching 2)CHIEN Shen yuan
(61) Patent of Addition to Application	:NA	2)CITIEN SHEII Yuan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Aspects and embodiments described herein provide power devices (100) with tactile sensors (120) to activate light emitting elements (115) that illuminate power device interfaces (110) facilitating engagement of the interfaces with external loads and their connectors and the manipulation of control panels and their interfaces. A housing (105) houses at least a portion of the power device and can include a tactile sensor to detect a presence of an object proximate to the power device. When an object is detected the controller and the tactile sensor activate at least one light emitting element to illuminate a least a portion of the housing that includes an interface.

No. of Pages: 25 No. of Claims: 19

(21) Application No.755/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/02/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CHAIR FRAME AND LIFTING GARMENT USEFUL FOR PATIENTS

(31) Priority Document No (32) Priority Date	:A61H1/00,A61G5/14,A61G15/00 :61/505264 :07/07/2011	1)LEIB Roger Kenneth Address of Applicant: 1072 S. Crescent Heights Blvd. Los
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2012/045863 :06/07/2012	Angeles California 90035 U.S.A. (72)Name of Inventor: 1)LEIB Roger Kenneth
Filing Date (87) International Publication No	:WO 2013/006845	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for supporting lifting moving mobilizing ambulating and physically rehabilitating a user such as patients in hospitals comprises a chair 100 a frame 200 and a lifting garment 300. The chair 100 has a seat 102 having a front portion 104 and a rear portion 106 and is so constructed that as the seat 102 moves towards a standing position the rear portion 106 of the seat 102 remains substantially horizontally so a user does not slide out of the seat. The frame 200 is constructed so that the user can enter the frame 200 from either the front side 202 or the rear side 204. The lifting garment 300 is made of a fabric that contracts normal to a direction in which it is pulled for ease in raising a patient in or out of a bed a chair or a toilet to or from a standing position.

No. of Pages: 40 No. of Claims: 50

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SCALABLE ANALYSIS PLATFORM FOR SEMI STRUCTURED DATA

:G06F17/30,G06F17/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AMAZON TECHNOLOGIES INC. :61/800432 (32) Priority Date :15/03/2013 Address of Applicant :P.O. Box 8102 Reno Nevada 89507 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2014/029484 (72) Name of Inventor: Filing Date :14/03/2014 1)TSIROGIANNIS Dimitrios (87) International Publication No :WO 2014/144889 2)BINKERT Nathan A. (61) Patent of Addition to Application 3)HARIZOPOULOS Stavros :NA Number 4)SHAH Mehul A. :NA Filing Date 5)SOWELL Benjamin A. (62) Divisional to Application Number :NA 6)KAPLAN Bryan D. Filing Date 7)MEYER Kevin R. :NA

(57) Abstract:

A data transformation system includes a schema inference module and an ex port module. The schema inference module is configured to dynamically create a cumulative schema for objects retrieved from a first data source. Each of the retrieved objects includes (i) data and (ii) metadata describing the data. Dynami cally creating the cumulative schema includes for each object of the retrieved objects (i) inferring a schema from the object and (ii) selectively updating the cumulative schema to describe the object according to the inferred schema. The export module is configured to output the data of the retrieved objects to a data destination system according to the cumulative schema.

No. of Pages: 152 No. of Claims: 41

(21) Application No.9351/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015

(43) Publication Date: 12/02/2016

1)PHARMATROPHIX INC.

Address of Applicant :2198 Sterling Avenue Menlo Park

(71)Name of Applicant:

California 94025 U.S.A. (72)Name of Inventor:

1)LONGO Frank M.

(54) Title of the invention: NON PEPTIDE BDNF NEUROTROPHIN MIMETICS

(51) International :C07C211/44,C07C211/48,A61K31/136 classification

(31) Priority Document

:61/799945

(32) Priority Date :15/03/2013 (33) Name of priority

country

:U.S.A.

(86) International Application No

:PCT/US2014/028707

Filing Date

:14/03/2014

(87) International Publication No

:WO 2014/144342

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

:NA

Filing Date (62) Divisional to

:NA

Application Number Filing Date

:NA

(57) Abstract:

Methods and compounds for treating neurological and other disorders are provided. Included is the administering to a subject in need thereof an effective amount of a compound having binding and/or modulation specificity for a TrkB receptor molecule, optionally optionally in combination with a TrkA and/or TrkC receptor molecule.

No. of Pages: 59 No. of Claims: 29

(21) Application No.9352/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: BIOPHOTONIC MATERIALS AND USES THEREOF

(51) International classification :A61K41/00,A61K8/02,A61K9/00 (71)Name of Applicant :

(31) Priority Document No :61/786197 (32) Priority Date :14/03/2013

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

(86) International Application :PCT/CA2014/000261 No

:14/03/2014 Filing Date

(87) International Publication :WO 2014/138930

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

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

1)KLOX TECHNOLOGIES INC.

Address of Applicant :275 Boulevard Armand Frappier Laval

Ouebec H7V 4A7 Canada (72) Name of Inventor: 1)LOUPIS Nikolaos

2)PIERGALLINI Remigio 3)DESROSIERS % ric

(57) Abstract:

The present disclosure provides topical biophotonic materials and methods useful in phototherapy. In particular, the topical biophotonic materials of the present disclosure include a cohesive matrix, and at least one chromophore which can absorb and emit light from within the topical biophotonic material, wherein the topical biophotonic material is elastic. The topical biophotonic materials and the methods of the present disclosure are useful for promoting wound healing and skin rejuvenation, as well as treating acne and various other skin disorders.

No. of Pages: 88 No. of Claims: 87

(21) Application No.10494/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM AND METHODS FOR ENCRYPTING DATA

(51) International classification	:H04L9/00	(71)Name of Applicant:
(31) Priority Document No	:61/813186	1)RISOFTDEV INC.
(32) Priority Date	:18/04/2013	Address of Applicant: 1480 Moraga Road Suite I #351
(33) Name of priority country	:U.S.A.	Moraga CA 94556 U.S.A.
(86) International Application No	:PCT/US2014/034582	(72)Name of Inventor:
Filing Date	:18/04/2014	1)GILBERT Vincent Logan
(87) International Publication No	:WO 2014/172593	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and associated methods for encrypting data are disclosed. In at least one embodiment a key manager is located in memory on an at least one computing device and configured for creating and managing an at least one encryption key to be used for encrypting the data. An at least one key file is also located in memory on the at least one computing device and is associated with an at least one authorized user. The key file contains a key field comprising a pseudo random string of bytes and a unique hash value used to associate the key file to the user. A set of base characters are randomly selected from the key field such that the base characters are a subset of the key field. An encryption key is generated by inputting the base characters into an encryption algorithm. The data is encrypted using the encryption key.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DEVICES, SYSTEMS AND METHODS FOR SAMPLE PREPARATION

(51) International classification :G01N33/48,G01N29/02,G01N1/28

:NA

(31) Priority Document No :61/799533

(32) Priority Date :15/03/2013(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/022847

No :10/03/2014

Filing Date

(87) Interpretional Bublication

(87) International Publication :WO 2014/150290

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant: 1)THERANOS INC.

Address of Applicant :1601 S. California Ave, Palo Alto, CA

94304 U.S.A.

(72)Name of Inventor:

1)LOO Alexander

2)HOLMES Elizabeth A.

(57) Abstract:

Devices, systems and methods including a sonicator for sample preparation are provided. A sonicator may be used to mix, resuspend, aerosolize, disperse, disintegrate, or de-gas a solution. A sonicator may be used to disrupt a cell, such as a pathogen cell in a sample. Sample preparation may include exposing pathogen-identifying material by sonication to detect, identify, or measure pathogens. A sonicator may transfer ultrasonic energy to the sample solution by contacting its tip to an exterior wall of a vessel containing the sample. Multipurpose devices including a sonicator also include further components for additional actions and assays. Devices, and systems comprising such devices, may communicate with a laboratory or other devices in a system for sample assay and analysis. Methods utilizing such devices and systems are provided. The improved sample preparation devices, systems and methods are useful for analyzing samples, e.g. for diagnosing patients suffering from infection by pathogens.

No. of Pages: 76 No. of Claims: 67

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHODS OF NORMALIZING MEASURED DRUG CONCENTRATIONS AND TESTING FOR POTENTIAL NON COMPLIANCE WITH A DRUG TREATMENT REGIMEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G01N33/493 :61/792472 :15/03/2013 :U.S.A. :PCT/US2014/030485 :17/03/2014 :WO 2014/145680 :NA	(71)Name of Applicant: 1)AMERITOX LTD. Address of Applicant: 300 E. Lombard St. Suite 1610 Baltimore MD 21202 U.S.A. (72)Name of Inventor: 1)LEIDER Harry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods for monitoring subject compliance with a prescribed treatment regimen are disclosed. In an embodiment, the method comprises measuring a drug level in fluid of a subject and normalizing the measured drug level as a function of one or more parameters associated with the subject. The drug level can be normalized using second order quantile regression. Embodiments of the methods can use both primary and secondary metabolites in the normalization; allow changing variance by dose; allow asymmetry in variance above and below the estimated median values; and/or use analytic variables with stable estimates , such as for example , variables associated with the percentile for -1 standard deviation ,the percentile for 0 standard deviation ,and the percentile for +1 standard deviation.

No. of Pages: 55 No. of Claims: 16

(21) Application No.9356/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS OF MONITORING FOR ADHERENCE TO ARIPIPRAZOLE THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/03/2014 :WO 2014/144426 :NA :NA	(71)Name of Applicant: 1)AMERITOX LTD. Address of Applicant: 300 E. Lombard St. Suite 1610 Baltimore MD 21202 U.S.A. (72)Name of Inventor: 1)MCINTIRE Gregory L.
Filing Date	:NA :NA	

(57) Abstract:

Methods for helping to monitor subject adherence with a prescribed antipsychotic drug treatment regimen are disclosed. In various embodiments, the present invention provides methods for helping monitor patient adherence to aripiprazole therapy in the treatment of Schizophrenia and other Mental Health Disorders. In one embodiment, the method involves the use of OPC3373 as a biomarker in urine.

No. of Pages: 36 No. of Claims: 27

(21) Application No.9313/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION FACILITY

(51) International :B23P21/00,B23P19/00,G05B19/418 classification

(31) Priority Document No :2013083831 :12/04/2013 (32) Priority Date (33) Name of priority

:Japan

country

(86) International :PCT/JP2014/056915

Application No :14/03/2014 Filing Date

(87) International

:WO 2014/167941 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)NTN CORPORATION

Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72) Name of Inventor: 1)ISHIYAMA Nao

(57) Abstract:

A production facility (1), provided with: a plurality of production units (10A t o 10E) detachably linked to each other; a guide rail (2) extending in the direction along which the units are linked; and a transfer means (3) which moves along the guide rail(2) and which i s capable of sequentially transferring a workpiece: from the production unit (10A) toward the production unit (10E). Each of the production units (10A t o 10E) i s provided with: a processor (13) for performing a predetermined process; a controller (14) for electrically controlling the operation of the processor (13); a rail member (20) constituting the guide rail (2); and a slide member (30) having a workpiece holding part (31) and constituting the transfer means (3). Each of the production units (10A t o 10E) has connectors (15, 15) for electrically connecting the controller (14) of the production unit and the controller (14) of an adjacent production unit (10).

No. of Pages: 48 No. of Claims: 8

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOUNDPROOF WHEEL FOR RAILWAY VEHICLE

(51) International classification	:B60B17/00	(71)Name of Applicant:
(31) Priority Document No	:2013070314	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:28/03/2013	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2014/001670	Tokyo 1008071 Japan
Filing Date	:24/03/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/156102	1)FUJIMOTO Takahiro
(61) Patent of Addition to Application	:NA	2)MINAMI Hideki
Number	:NA	3)SAKAI Hiroki
Filing Date	.IVA	4)ABE Shingo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This soundproof wheel includes a soundproof device (3) which i s mounted to the inner peripheral surface (6) of the rim (5) of the wheel. The soundproof device (3) i s provided with: a stationary ring (10) which i s fitted in and affixed to a groove (8) formed in the inner peripheral surface (6) of the rim (5); an elastic body section (11) which i s secured to the outer peripheral surface (10a) of the stationary ring (10), is installed within the groove and has elastic body pieces; and an additional mass section (12) which i s secured to the portion of the elastic body section (11) which i s located opposite the stationary ring (10), i s installed within the groove (8), and has additional mass pieces. The soundproof device (3) includes dynamic vibration absorbers. Each of the dynamic vibration absorbers has an elastic body piece and an additional mass piece. This soundproof wheel i s capable of reducing vi bratory noise of the wheel and is highly durable.

No. of Pages: 35 No. of Claims: 5

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: APPARATUSES AND METHODS FOR IRIS BASED BIOMETRIC RECOGNITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61B3/09 :13/860134 :10/04/2013 :U.S.A. :PCT/US2014/032768 :03/04/2014 :WO 2014/168802	(71)Name of Applicant: 1)DELTA ID INC. Address of Applicant:5388 Shamrock Common Fremont CA 94555 U.S.A. (72)Name of Inventor: 1)PRABHAKAR Salil
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention includes a method and apparatus for acquiring an image of a subjects iris, within the near infrared region of the electromagnetic spectrum. Near infrared radiation is generated from an incandescent light source, having wavelengths spread across 700 nm to 900 nm. The iris is illuminated for imaging by directing the generated near infrared radiation along an optical path between the incandescent light source and an intersection of a field of view region and depth of field region of an iris camera. Near infrared radiation scattered by the iris and transmitted along the iris cameras optical axis is received at the iris camera. An image of the iris is then acquired at the iris camera, based on radiation scattered by the iris and received at the iris camera.

No. of Pages: 44 No. of Claims: 33

(21) Application No.9497/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013 (43) Publication Date : 12/02/2016

(54) Title of the invention: STACKABLE PLANAR MODULE FOR A WALL SURFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:30/05/2012 :WO 2012/163336 :NA :NA	(71)Name of Applicant: 1)ZINSER Klaus Address of Applicant: Hauptstrasse 8 88247 Bad Schussenried Germany (72)Name of Inventor: 1)ZINSER Klaus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a stackable planar module for a reversibly assemblable and disassemblable wall surface and to the use of the planar module for certain applications in particular for earthquake retaining walls a roof dome, a bridge, a fence, a noise barrier wall, a solar chimney power plant a heat exchanger or a coast protection wall.

No. of Pages: 72 No. of Claims: 15

(21) Application No.2261/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A DEVICE, SYSTEM AND METHOD FOR AUTHENTICATION-CUM-DIGITAL INKING •

(51) International classification	:G07B17/00733	(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)SINHA, Aloka
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device/apparatus, system and method for authentication-cum-digital inking for identifying a voter, checking the validity of the voter or the person to be verified and marking the finger electronically, if found valid. Fig. 4

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

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTERLEUKIN-2 MUTEINS FOR THE EXPANSION OF T-REGULATORY CELLS

(51) International classification	:C07K14/55,A61K38/20	(71)Name of Applicant:
(31) Priority Document No	:61/784669	1)AMGEN INC.
(32) Priority Date	:14/03/2013	Address of Applicant :One Amgen Center Drive Thousand
(33) Name of priority country	:U.S.A.	Oaks California 91320 1799 U.S.A.
(86) International Application No	:PCT/US2014/029111	(72)Name of Inventor:
Filing Date	:14/03/2014	1)GAVIN Marc A.
(87) International Publication No	:WO 2014/153111	2)KANNAN Gunasekaran
(61) Patent of Addition to Application	:NA	3)LI Li
Number	:NA	4)PEARSON Joshua T.
Filing Date	IVA	5)KAROW Margaret
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided herein are IL-2 muteins and IL-2 mutein Fc-fusion molecules that preferentially expand and activate T regulatory cells and are amenable to large scale production. Also provided herein are variant human IgGl Fc molecules lacking or with highly reduced effector function and high stability despite lacking glycosylation at N297. Also, provided herein are linker peptides that are glycosylated when expressed in mammalian cells.

No. of Pages: 104 No. of Claims: 101

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NUTRITIONAL COMPOSITIONS INCLUDING CALCIUM BETA- HYDROXY- BETA-METHYLBUTYRATE, CASEIN PHOSPHOPEPTIDE, AND PROTEIN

(51) International classification	:A23L1/305,A23L1/29	(71)Name of Applicant:
(31) Priority Document No	:61/792060	1)ABBOTT LABORATORIES
(32) Priority Date	:15/03/2013	Address of Applicant :Dept. 377/AP6A 1 100 Abbott Park
(33) Name of priority country	:U.S.A.	Road Abbott Park Illinois 60064 U.S.A.
(86) International Application No	:PCT/US2014/028294	(72)Name of Inventor:
Filing Date	:14/03/2014	1)WALTON Joseph
(87) International Publication No	:WO 2014/144048	2)STEPP Emily
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Nutritional compositions that include calcium -hydroxy--methylbutyrate and protein, and methods of using and making the nutritional compositions are provided. Casein phosphopeptide is utilized to sequester the calcium -hydroxy--methylbutyrate to reduce the interaction between the divalent calcium ions and protein in the nutritional composition to improve the overall S stability, shelf life, and viscosity of the nutritional composition, while also facilitating the absorption of calcium.

No. of Pages: 37 No. of Claims: 22

(21) Application No.9362/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: TRIPEPTIDE EPOXY KETONE PROTEASE INHIBITORS

(51) International

:C07D405/12,A61K31/336,A61K31/404

classification (31) Priority Document

:61/785608

(32) Priority Date :14/03/2013

(33) Name of priority

:U.S.A.

country (86) International

:PCT/US2014/026987

Application No

:14/03/2014

Filing Date

(87) International Publication No

:WO 2014/152134

(61) Patent of Addition to :NA

:NA

:NA

Application Number Filing Date

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

Filing Date

(71) Name of Applicant:

1)ONYX THERAPEUTICS INC.

Address of Applicant :249 East Grand Avenue South San

Francisco CA 94080 U.S.A.

(72) Name of Inventor:

1)MCMINN Dustin

2) JOHNSON Henry

3)BOWERS Simeon

4)MOEBIUS David C.

(57) Abstract:

Provided herein are tripeptide epoxy ketone protease inhibitors, methods of their preparation, related pharmaceutical compositions, and methods of using the same. For example, provided herein are compounds of Formula (X): and pharmaceutically acceptable salts and compositions including the same. The compounds and compositions provided herein may be used, for example, in the treatment of diseases including inflammation and neurodegenerative disease.

No. of Pages: 312 No. of Claims: 97

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : APPARATUS , SYSTEMS AND METHODS FOR DELIVERY OF MEDICATION TO THE BRAIN TO TREAT NEUROLOGICAL CONDIDTIONS

(57) Abstract:

Various embodiments provide an apparatus system method for treating neurological conditions by delivering solid form medication to the ventricles or other areas of the brain. Particular embodiments provide an apparatus and method for treating epilepsy and other neurological conditions by delivering solid form medication to ventricles in the brain wherein the medication is contained in a diffusion chamber so as to allow the medication to dissolve in the cerebrospinal fluid of the brain and then diffuse out of the diffusion chamber to be delivered to the ventricles and brain tissue. In one or more embodiments, portions of apparatus have sufficient flexibility to conform to the shape of the ventricles of the brain when advanced into them and/or to not cause deformation of the ventricle sufficient to cause a significant physiologic effect.

No. of Pages: 85 No. of Claims: 81

(21) Application No.9909/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHOTOELECTRIC CONVERSION DEVICE 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 	:17/05/2011 :WO 2011/148878 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan Minato-ku Tokyo 1080075 Japan (72)Name of Inventor: 1)MASAKAZU MUROYAMA 2)KAZUAKI FUKUSHIMA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide a photoelectric conversion device having high conversion efficiency and a method for manufacturing the same. The photoelectric conversion device includes a 5 working electrode that has a transparent electrode (2) and a porous metal oxide semiconductor layer (3) that is formed on a surface of the transparent electrode (2) and supported with a dye; a counter electrode (5); and an electrolyte layer (4), the hydroxyl group concentration 10 on the surface of the oxide semiconductor layer is 0.01 groups/(nm)2 or more and 4.0 groups/(nm)2 or less, and the adsorbed water concentration on the surface thereof is 0.03 pieces/(nm)2 or more and 4.0 pieces/ (nm)2 or less. The method for manufacturing a photoelectric conversion 15 device includes a first step of forming a porous metal oxide semiconductor layer (3) on a surface of a transparent electrode (2), a second step of controlling the hydroxyl group concentration on the surface of the oxide semiconductor layer to be 0.01 groups/(nm)2 or more 20 and 4.0 groups/(nm)2 or less and the adsorbed water concentration on the surface to be 0.03 pieces/nm2 or more and 4.0 pieces/(nm)2 or less by low temperature plasma processing under an oxidizing atmosphere, and a third step of supporting a dye in the oxide semiconductor 25 layer. 79

No. of Pages: 89 No. of Claims: 19

(21) Application No.9357/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: RESTRUCTURED NATURAL PROTEIN MATRICES

(51) International :A23C19/08,A23C19/068,A23C19/072 classification

(31) Priority Document No: 61/852465 (32) Priority Date :15/03/2013 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2014/030879 Application No

:NA

:17/03/2014 Filing Date

(87) International :WO 2014/146010

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

Publication No

(57) Abstract:

Filing Date

(71)Name of Applicant: 1) JENEIL BIOTECH INC.

Address of Applicant :400 North Dekora Woods Boulevard

Saukville WI 53080 U.S.A. (72) Name of Inventor: 1)GANDHI Niranjan R. 2)PALMER SKEBBA Victoria

3)MILANI Franco X.

Methods as can be used in the preparation of one or more dairy, dairy analog and cheese products from a range of proteinacous starting materials, such methods comprising protein modification and protein restoration or protein restructure.

No. of Pages: 28 No. of Claims: 29

(21) Application No.9358/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: C1- INH COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF DISORDERS ASSOCIATED WITH C1 ESTERASE INHIBITOR DEFICENCY

(51) International classification: A61K38/00, A61P5/00, A61P31/00 (71) Name of Applicant:

:WO 2014/145519

(31) Priority Document No :61/791399

(32) Priority Date :15/03/2013

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

(86) International Application :PCT/US2014/030309

:17/03/2014 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)VIROPHARMA HOLDINGS LIMITED:

Address of Applicant: Canon s Court, 22 Victoria Street,

Hamilton, HM 12 Bermuda (72) Name of Inventor: 1) GALLAGHER Cynthia

2) RUDDY Steven

3)MANNING Mark Cornell

(57) Abstract:

Compositions and methods for the treatment and/or prevention of disorders associated with C1 esterase inhibitor deficiency are disclosed.

No. of Pages: 22 No. of Claims: 15

(21) Application No.9359/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS FOR PURIFICATION OF MESSENGER RNA

(51) International classification	:C12N15/10	(71)Name of Applicant:
(31) Priority Document No	:61/784996	1)SHIRE HUMAN GENETIC THERAPIES INC.
(32) Priority Date	:14/03/2013	Address of Applicant :300 Shire Way Lexington
(33) Name of priority country	:U.S.A.	Massachusetts 02421 U.S.A.
(86) International Application No	:PCT/US2014/028441	(72)Name of Inventor:
Filing Date	:14/03/2014	1)HEARTLEIN Michael
(87) International Publication No	:WO 2014/152966	2)DEROSA Frank
(61) Patent of Addition to Application	:NA	3)DIAS Anusha
Number	:NA	4)KARVE Shrirang
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

THE PRESENT INVENTION PROVIDES, AMONG OTHER THINGS, METHODS OF PURIFYING MESSENGER RNA (MRNA) INCLUDING THE STEPS OF SUBJECTING AN IMPURE PREPARATION COMPRISING IN VITRO SYNTHESIZED MRNA TO A DENATURING CONDITION, AND PURIFYING THE MRNA FROM THE IMPURE PREPARATION FROM STEP (A) BY TANGENTIAL FLOW FILTRATION, WHEREIN THE MRNA PURIFIED FROM STEP (B) IS SUBSTANTIALLY FREE OF PREMATURELY ABORTED RNA SEQUENCES AND/OR ENZYME REAGENTS USED IN IN VITRO SYNTHESIS.

No. of Pages: 51 No. of Claims: 31

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: FEMORAL IMPLANT

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:1006527.4	1)DEREK JAMES WALLACE MCMINN
(32) Priority Date	:19/04/2010	Address of Applicant :Calcot Farm Calcot Hill Clent
(33) Name of priority country	:U.K.	Stourbridge West Midlands DY9 9RX U.K.
(86) International Application No	:PCT/GB2011/000595	(72)Name of Inventor:
Filing Date	:19/04/2011	1)DEREK JAMES WALLACE MCMINN
(87) International Publication No	:WO/2011/131927	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.9915/DELNP/2012 A

(57) Abstract:

A femoral implant (10) comprises a distal end and a proximal end. A stem (12) is provided at the distal end of the implant (10) and comprises a rounded tip (16) for insertion into a femur, in use, and a body (18) of generally tapering form extending in a distal direction from a base to said tip (16). A femoral head (14) is provided at the proximal end of the implant (10) and extends from the base (20) of the stem (12). The body (18) of the stem (12) includes a plurality of discrete steps (22, 24, 26, 28, 30), located between the tip (16) and the base (20), wherein the steps (22, 24, 26, 28, 30) are concentrated more towards the base (20) of the stem (12) than towards the tip (16).

No. of Pages: 35 No. of Claims: 40

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: HIGH-PERMEABILITY ELASTIC MULTISTRAND METAL CABLE

(51) International classification	:C22C	(71)Name of Applicant:
(31) Priority Document No	:1053248	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:28/04/2010	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 cours Sablo F-63000 Clermont-
(86) International Application No	:PCT/EP2011/056462	Ferrand France
Filing Date	:21/04/2011	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO/2011/134900	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HENRI BARGUET
Number		2)EMMANUEL CLEMENT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Multistrand metal cable of 4 x (4+M) construction, which can especially be used for reinforcing tyre belts for industrial vehicles, formed from four elementary strands assembled in a helix with a helix pitch (P3), each elementary strand consisting of a two-layer cable of 4+M construction comprising an inner layer (C1) formed from four wires of diameter (D1), assembled in a helix with a pitch (P1), and an unsaturated outer layer (C2) of M wires, M being greater than or equal to 8 and smaller than or equal to 11, of diameter (D2), these being assembled in a helix with a pitch (P2) around the inner layer (C1), (P1) being smaller than (P2), the four wires of the inner layer (C1) being wound in a helix in the same twist direction as the M wires of the outer layer (C2), and wherein each of the diameters (D1) and (D2) is greater than or equal to 0.10 mm but less than or equal to 0.50 mm.

No. of Pages: 25 No. of Claims: 11

(21) Application No.9917/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM 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 	:F01L11/02 :12/779,094 :13/05/2010 :U.S.A. :PCT/IL2011/000386 :15/05/2011 :WO 2011/141920 :NA :NA	(71)Name of Applicant: 1)GONIGMAN Itzhak Address of Applicant:57 Eshkolot St. 21590 Maalot Israel 2)SINAI Moshe (72)Name of Inventor: 1)GONIGMAN Itzhak 2)SINAI Moshe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved internal combustion engine unit which includes a separating aperture between the cylinder and a separation chamber and a separating valve adapted to control closing and opening the separating aperture. The separation chamber is connectable to the intake manifold and to the exhaust manifold respectively by the intake and exhaust apertures. Opening both the separating valve and the exhaust valve enables gas flow from the cylinder volume to the exhaust manifold through the open separating aperture the separation chamber and the open exhaust aperture. Opening both the separating valve and the intake valve enables gas flow from the intake manifold to the cylinder volume through the open intake aperture the separation chamber and the separating aperture. The intake valve and the exhaust valve are driven by solenoids controlled in turn by an engine computer. The separating valve is driven by a camshaft driven in turn by the engine.

No. of Pages: 21 No. of Claims: 17

(21) Application No.9910/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONNECTOR FIXING STRUCTURE •

(71)Name of Applicant : 2745 1)SUMITOMO WIRING SYSTEMS LTD.
Mie 510-8503 Japan
010/068277 (72) Name of Inventor :
10 1)SHINICHI IGARASHI
Address of Applicant :1-14 Nishisuehiro-cho Yokkaichi-c Mie 510-8503 Japan

(57) Abstract:

A connector fixing structure includes a connector provided at one end of an electric wire, a protector surrounding a portion of the electric wire, and a fixing portion integrally formed with the protector and fixating the connector. The protector and the fixing portion are formed of a protection material that includes a base material and a binder material having a melting point lower than that of the base material. The protector and the fixing portion are joined at each joint portion by cooling and solidifying the melted binder material.

No. of Pages: 18 No. of Claims: 3

(21) Application No.9911/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 16/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: COMBINATIONS INCLUDING CRY3AA AND CRY6AA PROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE IN CORN ROOTWORMS (DIABROTICA SPP.) •

(51) International classification	:C12P	(71)Name of Applicant:
(31) Priority Document No	:61/327,240	1)DOW AGROSCIENCES LLC
(32) Priority Date	:23/04/2010	Address of Applicant: 9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/033622	(72)Name of Inventor:
Filing Date	:22/04/2011	1)KENNETH E. NARVA
(87) International Publication No	:WO 2011/133896	2)THOMAS MEADE
(61) Patent of Addition to Application	:NA	3)KRISTIN J. FENCIL
Number	:NA	4)HUARONG LI
Filing Date	.NA	5)TIMOTHY D. HEY
(62) Divisional to Application Number	:NA	6)AARON T. WOOSLEY
Filing Date	:NA	7)MONICA BRITT OLSON

(57) Abstract:

The subject invention relates in part to Cry3Aa in combination with Cry6Aa. The subject invention relates in part to the surprising discovery that combinations of Cry3Aa and Cry6Aa are useful for preventing development of resistance (to either insecticidal protein system alone) by a corn rootworm (Diabrotica spp.) population. Included within the subject invention are plants producing these insecticidal Cry proteins, which are useful to mitigate concern that a corn rootworm population could develop that would be resistant to either of these insecticidal protein systems alone. Plants (and acreage planted with such plants) that produce these two insecticidal protein systems are included within the scope of the subject invention. The subject invention also relates in part to combinations of Cry3Aa and Cry6Aa proteins triple-stacked or multi- stacked with another insecticidal protein(s) such as a Cry6Aa protein or binary Cry34/35 proteins. Thus, such embodiments target rootworms with three modes of action. Transgenic plants, including corn, comprising a cry6Aa gene and a cry3Aa gene are included within the scope of the subject invention.

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

(21) Application No.9913/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: TENSIONING DEVICE FOR TENSIONING A TRACTION MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:05/04/2011 : 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)CHRISTOPHER KRAWIETZ
Filing Date (87) International Publication No	:05/04/2011	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tensioning device (1) for tensioning a traction 5 means (2) of an internal combustion engine, comprising a rail (3) which is pivoted at one end and the rear side of which, oriented away from the traction means (2), is designed to form, with a contact surface (8) disposed on the internal 10 combustion engine, a space which tapers towards the pivot (14) of the rail (3), and comprising a slide (7) which is subjected to pressure and which is urged by the force of a spring (4) along the contact surface (8) in the tapering direction of 15 the space, characterized in that the spring (4) is articulated by its first spring end (5a) to the pivoted end (6a) of the rail (3) and by its second spring end (5b) to the slide (7)0

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

(21) Application No.9914/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: INKJET RECORDING MEDIUM AND METHODS 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 	:A47J :12/781,265 :17/05/2010 :U.S.A. :PCT/US2011/036366 :13/05/2011 :WO/2011/146323 :NA :NA	(71)Name of Applicant: 1)EASTMAN KODAK COMPANY Address of Applicant: 343 State Street Rochester NY 14650- 2201 U.S.A. (72)Name of Inventor: 1)THOMAS JOSEPH DANNHAUDER 2)GERALD A. CAMPBELL
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

An inkjet receiving medium including a substrate and having a topmost layer coated thereon at solid content of from 0.1 to 25 g/m2, wherein the topmost layer comprises from 30-70 wt% of one or more aqueous soluble salts of multivalent metal cations and at least 0.05 g/m2 of a cross-linked hydrophilic polymer binder. Improved optical density, reduced mottle and improved wet abrasion resistance are provided when the receiver is printed with an aqueous pigment-based ink. In further embodiments, the topmost layer may further comprise a latex dispersion for improved image durability.

No. of Pages: 29 No. of Claims: 22

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: COMPLEXATION OF NUCLEIC ACIDS WITH DISULFIDE CROSSLINKED CATIONIC COMPONENTS FOR TRANSFECTION AND IMMUNOSTIMULATION

(51) International :C12N15/87,A61K48/00,A61K47/34 classification

:NA

(31) Priority Document No :10007992.0 (32) Priority Date :30/07/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/003719

Application No :25/07/2011 Filing Date

(87) International Publication: WO 2012/013326

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

:NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(71)Name of Applicant: 1)CUREVAC GMBH

Address of Applicant :Paul Ehrlich Str. 15 72076 T1/4bingen

Germany

(72)Name of Inventor:

1)BAUMHOF Patrick

2)VOSS Shnke 3)KRAMPS Thomas

4)KALLEN Karl Josef

(57) Abstract:

The present invention is directed to a polymeric carrier cargo complex comprising as a cargo at least one nucleic acid (molecule) and disulfide crosslinked cationic components as a (preferably non toxic and non immunogenic) polymeric carrier. The inventive polymeric carrier cargo complex allows for both efficient transfection of nucleic acids into cells and and/or for induction of an (innate and/or adaptive) immune response preferably dependent on the nucleic acid to be transported as a cargo. The present invention also provides pharmaceutical compositions particularly vaccines and adjuvants comprising the inventive polymeric carrier cargo complex and optionally an antigen as well as the use of such the inventive polymeric carrier cargo complex and optionally an antigen for transfecting a cell a tissue or an organism for (gene)therapeutic purposes as disclosed herein and/or as an immunostimulating agent or adjuvant e.g. for eliciting an immune response for the treatment or prophylaxis of diseases as mentioned above. Finally the invention relates to kits containing the inventive polymeric carrier cargo complex and/or the inventive pharmaceutical composition adjuvant or vaccine in one or more parts of the kit.

No. of Pages: 214 No. of Claims: 15

(21) Application No.461/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 15/01/2013 (43) Publication Date: 12/02/2016

$(54) \ Title \ of \ the \ invention: PROCESS \ FOR \ PRODUCTION \ OF \ (RARE \ EARTH)-MG-NI-BASED \ HYDROGEN \ STORAGE \ ALLOY$

(51) International classification :B22F1/00,C22C1/00,C22C19/00 (71)Name of Applicant: (31) Priority Document No 1)SANTOKU CORPORATION :2010159124 (32) Priority Date Address of Applicant: 14 34 Fukae Kitamachi 4 chome :24/06/2010 Higashinada ku Kobe shi Hyogo 6580013 Japan (33) Name of priority country :Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/064558 1)OTSUKI Takayuki :24/06/2011 Filing Date 2)IRIE Toshio (87) International Publication :WO 2011/162385 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Disclosed is a process for producing a (rare earth)-Mg-Ni-oased hydrogen storage alloy that enables the production of a nickel hydrogen secondary battery having excellent cycle properties and high capacity, in a safe and industrially advantageous manner. Specifically disclosed is a process for producing a (rare earth) -Mg-Ni-based hydrogen storage alloy that contains an element (A), M g and an element (B), wherein the element (A) comprises at least one element R) selected fiOm rare earth elements including Sc and Y and at least one arbitral element selected fiOm Zr, H f and Ca, the element (B) comprises Ni and at least one arbitral element other than the element A) or Mg. The process comprises: a first step o f mixing an alloy comprising the element (A) and the element (B) with metal M g and/or an Mg-containing alloy having a melting point equal to or lower than that o f metal M g to produce a mixture; and a second step 01 heating the mixture at a temperature that is lower by 5 to 250 C than the melting point of the finished (rare earth)-Mg-Ni-based hydrogen storage alloy for 0.5 to 240 hours.

No. of Pages: 51 No. of Claims: 16

(21) Application No.9928/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : LASER ETCHING OF AN ACRYLIC AND POLYVINYLCHLORIDE COMPOSITION AND LASER ETCHED 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 	:B41M5/24 :61/326821 :22/04/2010 :U.S.A. :PCT/US2011/033541 :22/04/2011 :WO 2011/133840 :NA	(71)Name of Applicant: 1)ECHELON LASER SYSTEMS LP Address of Applicant:1955 Powis Road West Chicago Illinois 60185 U.S.A. (72)Name of Inventor: 1)COSTIN SR. Darryl J. 2)COSTIN JR. Darryl J. 3)RIPLEY Kimberly L.
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(57) Abstract:

A laser markable acrylic and PVC composition (commonly known as Kydex®) is lased using a CO2 laser to differentiate a laser etched graphic or pattern from the base material. A discoloration may be controlled to improve an appearance of the graphic or pattern. An embodiment uses a 500 to 2 500 watt CO2 laser to provide a raster or vector graphic pattern on the Kydex® finished part. Yet another embodiment is to use a 500 to 2 500 watt CO2 laser to provide a seamless raster or vector graphic pattern on a large piece of Kydex® which can then be cut and divided into multiple finished parts. In this case an embodiment would include providing the necessary software and process controls to insure that the seams between individual parts that make up a larger part are without lines of demarcation.

No. of Pages: 52 No. of Claims: 19

(21) Application No.11368/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: BANDWIDTH ADAPTIVE MEMORY COMPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:21/06/2011 :WO 2011/163243 :NA :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: P.O. Box 3453 One AMD Place Sunnyvale California 94088 U.S.A. (72)Name of Inventor: 1)OCONNOR James Michael
Filing Date	:NA	

(57) Abstract:

Data is retrieved from system memory in compressed mode if a determination is made that the memory bus is bandwidth limited and in uncompressed mode if the memory bus is not bandwidth limited. Determination of the existence of the bandwidth limited condition may be based on memory bus utilization or according to a depth of a queue of memory access requests.

No. of Pages: 15 No. of Claims: 14

(21) Application No.11370/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PLAYGROUND COMPRISING FOUNTAINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:B05B17/08 :1038081 :04/07/2010 :Netherlands :PCT/EP2011/003305 :04/07/2011 :WO 2012/003951 :NA :NA :NA	(71)Name of Applicant: 1)ICE WORLD HOLDING B.V. Address of Applicant: Wilhelminalaan 14 NL 3743 DC Baarn Netherlands (72)Name of Inventor: 1)SCHOEREN Hubertus Johannes Bernardes 2)HOEKS Wilhelmus Adolfus Johannes Marie 3)VAN KEMPEN Frits Jan
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(57) Abstract:

The invention relates to an assembly in particular a play fountain comprising a floor (1) a plurality of nozzles (2) preferably a reservoir for a liquid in particular water or means to connect the assembly to a liquid supply and a control system (3) for controlling one or more of the nozzles (2) during operation of the assembly. The floor (1) is assembled modularly.

No. of Pages: 29 No. of Claims: 15

(21) Application No.11371/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROTEIN PURIFICATION

(51) International classification	:C07K1/18,C07K1/36	(71)Name of Applicant:
(31) Priority Document No	:1012603.5	1)UCB PHARMA S.A.
(32) Priority Date	:27/07/2010	Address of Applicant :60 Alle de la Recherche B 1070
(33) Name of priority country	:U.K.	Brussels Belgium
(86) International Application No	:PCT/EP2011/062837	(72)Name of Inventor:
Filing Date	:26/07/2011	1)SPITALI Mariangela
(87) International Publication No	:WO 2012/013682	2)SYMMONS Jonathan
(61) Patent of Addition to Application	:NA	3)WHITCOMBE Richard
Number	:NA	4)PEARCE HIGGINS Mark Robert
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the purification of an antibody fragment from a periplasmic cell extract comprising a first cation exchange chromatography step and a second anion exchange chromatography step.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :25/07/2008 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL PROTEIN MARKERS OF DRUG RESISTANCE IN MYCOBACTERIUM TUBERCULOSIS

(51) International classification	:C12R1/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY (DBT)
(32) Priority Date	:NA	Address of Applicant :BLOCK-2,7TH FLOOR,CGO
(33) Name of priority country	:NA	COMPLES,LODHI ROAD,NEW DELHI-110003,India. Delhi
(86) International Application No	:NA	India
Filing Date	:NA	2)ALL INDIA INSTITUTE FO MEDICAL SCIENCE
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SARMAN SINGH
Filing Date	:NA	2)GOPINATH KRISHNAMOORTHY
(62) Divisional to Application Number	:NA	3)AMIT SINGH
Filing Date	:NA	4)NITI SINGH

(57) Abstract:

This invention relates to Novel prognostic or surrogate protein markers for detecting drug resistance in Mycobacterium tuberculosis, wherein the disclosed polypeptides biomarkers useful for the development of assays and systems to provide predictive information about drug resistance by either detecting antigen or antibody by immunochemistry or immunocapture or immunolabelling methods directly from the serum or other biological samples of the patients as described herein and polynucleotide that encode the polypeptides disclosed herein to detect the drug resistance by amplifying or hybridizing the claimed targets and detecting the nucleotides by amplifying single or multiple targets, direct sequencing or PCR-RFLP or band visualization by agarose electrophoresis or fluorometric methods or other non-gel based methods.

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

(21) Application No.1822/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : PROCESS FOR PREPARING FONDAPARINUX SODIUM AND INTERMEDIATES USEFUL IN THE SYNTHESIS THEREOF

(57) Abstract:

Processes for the synthesis of the Factor Xa anticoagulent Fondaparinux, and related compounds are described. Also described are protected pentasaccharide intermediates as well as efficient and scalable processes for the industrial scale production of Fondaparinux sodium by conversion of the protected pentasaccharide intermediates via a sequence of deprotection and sulfonation reactions.

No. of Pages: 110 No. of Claims: 49

(21) Application No.9931/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PESTICIDAL COMPOSITIONS

(51) International :A01N25/32,A01N43/90,A01P7/00

classification
(31) Priority Document No
(32) Priority Date
:A01N23/32,A0
:10164501.8
:31/05/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/058625

No :1C1/E1 201 Filing Date :26/05/2011

(87) International Publication

(87) International Publication :WO 2011/151247

(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)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72)Name of Inventor: 1)BUCHHOLZ Anke 2)GRIMM Christoph

(57) Abstract:

A pesticidal composition comprising a pesticidal effective amount of at least one compound of formula (I) in which the substituents are as defined as in claim 1 and a safener.

No. of Pages: 199 No. of Claims: 5

(21) Application No.9932/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PESTICIDAL COMPOSITIONS

(51) International classification :A01N43/90,A01N47/06,A01N33/12

(31) Priority Document No :10164503.4 (32) Priority Date :31/05/2010

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2011/058627

Filing Date :26/05/2011

(87) International Publication No :WO 2011/151248

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72)Name of Inventor: 1)BUCHHOLZ Anke 2)REINER Werner

(57) Abstract:

A pesticidal composition comprising (a) a pesticidal effective amount of at least one compound of formula I in which Q is i or ii or iii or an agrochemically acceptable salt or an N oxide thereof and (b) a plant growth regulator where the ratio of compound of formula I to plant growth regulator is from 20:1 to 1:25.

No. of Pages: 196 No. of Claims: 6

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR IMPROVING DIRECT NUMERICAL SIMULATION OF MATERIAL PROPERTIES FROM ROCK SAMPLES AND DETERMINING UNCERTAINTY IN THE MATERIAL **PROPERTIES**

(51) International

:G01N33/24,G01N15/08,G06T7/60

classification (31) Priority Document No (32) Priority Date

:13/836483 :15/03/2013

(33) Name of priority country: U.S.A. (86) International Application

:PCT/US2014/024527

:12/03/2014

Filing Date

(87) International Publication

:WO 2014/150916

(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)BP CORPORATION NORTH AMERICA INC.

Address of Applicant :501 Westlake Park Boulevard Houston

TX 77079 U.S.A.

(72) Name of Inventor:

1)FREDRICH Joanne

2)LIU Elizabeth 3)LOUIS Laurent

4)NI Dianne

(57) Abstract:

A testing system for analyzing a 3D digital volume of a material sample. The testing system defines several test volume sizes with each test volume size including a different numbers of voxels, defining the size of portions of the 3D digital volume to analyze. For each test volume size, the testing system acquires two adjacent portions of 3D digital volume at the test volume size currently being analyzed. The testing system calculates a material property value for the two adjacent portions of the 3D digital volume, and a difference value between the two adjacent portions of the 3D digital volume. The process is repeated over the different test volume sizes. The testing system calculates mean difference values for the different test volume sizes, from which it determines a representative elementary volume.

No. of Pages: 41 No. of Claims: 31

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS OF TREATING B2- BRADYKININ RECEPTOR MEDIATED ANGIOEDEMA

(51) International (71)Name of Applicant: :A61K31/47,C07D413/00,A61P17/00 classification 1)SHIRE HUMAN GENETIC THERAPIES INC. (31) Priority Document No :61/786126 Address of Applicant: 300 Shire Way Lexington MA 02421 (32) Priority Date :14/03/2013 (33) Name of priority (72) Name of Inventor: :U.S.A. country 1)LEACH Kevin (86) International 2)WRIGHT Teresa :PCT/US2014/024540 Application No 3)FELICE Brian :12/03/2014 Filing Date 4)PFEIFER Richard (87) International 5) CALIAS Pericles :WO 2014/159637 Publication No 6)MCCAULEY Thomas (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

Methods of treating B2-bradykinin receptor mediated angioedema in a subject by administering a composition containing a 8-(heteroaryImethoxy) quinolone compound, a 8- (aryImethoxy)quinoline compound, or a salt, a stereoisomer, a hydrate, or a solvate thereof. Oral formulations containing a 8-(heteroaryImethoxy)quinolone compound, a 8- (aryImethoxy)quinoline com pound, or a salt, a stereoisomer, a hydrate, or a solvate thereof for the treatment of B-bradykinin receptor mediated angioedema. Use of a composition containing a 8-(heteroaryImethoxy)quinolone compound, a 8-(aryImethoxy)quinoline compound, or a salt, a stereoisomer, a hydrate, or a solvate thereof for the manufacture of a medicament for the treatment and/or prevention of a B -bradykinin receptor mediated angioedema.

No. of Pages: 111 No. of Claims: 25

(21) Application No.9920/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: SECURING REMOTE VIDEO TRANSMISSION FOR THE REMOTE CONTROL OF A 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 (62) Divisional to Application Number 	:30/06/2010 :WO/2011/144261 :NA :NA	(71)Name of Applicant: 1)SIEMENS SAS Address of Applicant:9 boulevard Finot F-92320 St. Denis France (72)Name of Inventor: 1)CLARA NOGUEIRA ALVES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and system for securing remote video transmission for the remote control of a vehicle, wherein said system is used for securing the remote transmission of an image of an object (14) to be acquired by a photosensitive receiver (111) of a camera (11) of a video system capable of remotely displaying said image of said object (14), and is characterized in that said system comprises: an optical securing information generator (132) capable of generating optical securing information; an optical module capable of optically superimposing a securing image including said optical securing information and said image of said object (14) in order to form a secured optical image for acting on the photosensitive receiver (111) capable of generating a video signal; capable of coupling a device for remotely receiving (21) the video signal from the video system to means for processing said video signal, wherein said video signal processing means are capable of detecting, reading and extracting an optical securing information in the video signal of said secured optical image; and means for displaying said optical securing information.

No. of Pages: 33 No. of Claims: 15

(21) Application No.9921/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: ORGANIC COMPOUNDS •

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:61/327,049	1)INTRACELLULAR THERAPIES INC
(32) Priority Date	:22/04/2010	Address of Applicant :3960 Broadway New York NY 10032
(33) Name of priority country	:U.S.A.	USA U.S.A.
(86) International Application No	:PCT/US2011/000719	(72)Name of Inventor:
Filing Date	:22/04/2011	1)SHARON MATES
(87) International Publication No	:WO/2011/133224	2)PENG LI
(61) Patent of Addition to Application	:NA	3)JOHN CHARLES TOMESCH
Number	:NA	4)ROBERT DAVIS
Filing Date		5)LAWRENCE P WENNOGLE
(62) Divisional to Application Number	:NA	6)QIANG ZHANG
Filing Date	:NA	

(57) Abstract:

The invention relates to particular substituted heterocycle fused gamma-carbolines, their prodrugs, in free, solid, pharmaceutically acceptable salt and/or substantially pure form as described herein, pharmaceutical compositions thereof, and methods of use in the treatment of diseases involving 5-HT2A receptor, serotonin transporter (SERT) and/or pathways involving dopamine D2 receptor signaling systems.

No. of Pages: 62 No. of Claims: 43

(21) Application No.9933/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: MAIZE ACC SYNTHASE 3 GENE AND PROTEIN AND USES 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 	:C12N9/88,C12N15/82 :61/332069 :06/05/2010 :U.S.A. :PCT/US2011/030457 :30/03/2011 :WO 2011/139431 :NA :NA :NA	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant:7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. 2)E. I. DUPONT DE NEMOURS & COMPANY (72)Name of Inventor: 1)BAO Xiaoming 2)ALLEN Stephen
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(57) Abstract:

Methods and compositions for modulating plant development are provided. Nucleotide sequences and amino acid sequences encoding ACC Synthase 3 (ACS3) proteins are provided. The sequences can be used in a variety of methods including modulating development modulating response to stress and modulating stress tolerance of a plant. Transformed plants plant cells tissues and seed are also provided.

No. of Pages: 75 No. of Claims: 11

(21) Application No.9934/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application:16/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: 1, 8 -DIAZASPIRO [4.5] DECANE-2, 4 -DIONE DERIVATIVES USEFUL AS PESTICIDES

:C07D471/10,A01N43/90 (71)Name of Applicant : (51) International classification (31) Priority Document No :10164513.3

(32) Priority Date :31/05/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/058192 Filing Date :19/05/2011

(87) International Publication No :WO 2011/151197

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

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72) Name of Inventor: 1)MUEHLEBACH Michel 2)SCHAETZER J¹/₄rgen Harry

(57) Abstract:

Novel compounds of the formula (I) wherein the substituents are as defined in claim 1 are useful as a pesticides.

No. of Pages: 187 No. of Claims: 8

(21) Application No.9935/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: 1, 8 -DIAZASPIRO [4.5] DECANE-2, 4 -DIONE DERIVATIVES USEFUL AS PESTICIDES

:C07D471/10,A01N43/90 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SYNGENTA PARTICIPATIONS AG :10164512.5 (32) Priority Date :31/05/2010 Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel (33) Name of priority country :EPO Switzerland (86) International Application No (72) Name of Inventor: :PCT/EP2011/058182 Filing Date :19/05/2011

(87) International Publication No :WO 2011/151194
(61) Patent of Addition to Application Number :NA :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

1)MUEHLEBACH Michel
2)SCHAETZER J¹/₄rgen Harry

(57) Abstract:

A compound of the formula (1) wherein the substituents are as defined in claim 1 are useful as a pesticides.

No. of Pages: 167 No. of Claims: 8

(21) Application No.9936/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: OPTICAL BRIGHTENERS AND COMPOSITIONS COMPRISING THE SAME •

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:61/346,027	1)MILLIKEN & COMPANY
(32) Priority Date	:18/05/2010	Address of Applicant :920 Milliken Road M-495
(33) Name of priority country	:U.S.A.	Spartanburg South Carolina 29303 U.S.A.
(86) International Application No	:PCT/US2011/036980	(72)Name of Inventor:
Filing Date	:18/05/2011	1)EDUARDO TORRES
(87) International Publication No	:WO/2011/146602	2)ROBERT L. MAHAFFEY
(61) Patent of Addition to Application	:NA	3)DOMINICK J. VALENTI
Number		4)PATRICK D. MOORE
Filing Date	:NA	5)LELAND G. CLOSE JR.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Novel compounds based on distyryl-biphenyl are provided. The compounds conform to the general structure (Formula). The compounds are useful as optical brighteners. Compositions, such as laundry care compositions, containing such compounds are also provided

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

(21) Application No.9937/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMBINATIONS INCLUDING CRY34AB/35AB AND CRY6AAPROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE CORN ROOTWORMS (DIABROTICA SPP) •

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:61/327,240	1)DOW AGROSCIENCES LLC
(32) Priority Date	:23/04/2010	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/033621	(72)Name of Inventor:
Filing Date	:22/04/2011	1)KENNETH E. NARVA
(87) International Publication No	:WO/2011/133895	2)THOMAS MEADE
(61) Patent of Addition to Application	:NA	3)KRISTIN J. FENCIL
Number	:NA	4)HUARONG LI
Filing Date	.IVA	5)TIMOTHY D. HEY
(62) Divisional to Application Number	:NA	6)AARON T. WOOSLEY
Filing Date	:NA	7)MONICA BRITT OLSON

(57) Abstract:

The subject invention relates in part to Cry34Ab/35Ab in combination with Cry6Aa. The subject invention relates in part to the surprising discovery that combinations of Cry34Ab/Cry35Ab and Cry6Aa are useful for preventing development of resistance (to either insecticidal protein system alone) by a corn rootworm (Diabrotica spp.) population. Included within the subject invention are plants producing these insecticidal Cry proteins, which are useful to mitigate concern that a corn rootworm population could develop that would be resistant to either of these insecticidal protein systems alone. Plants (and acreage planted with such plants) that produce these two insecticidal protein systems are included within the scope of the subject invention. The subject invention also relates in part to combinations of Cry34Ab/35Ab and Cry3Aa proteins triple stacked with a Cry6Aa protein. Transgenic plants, including corn, comprising a cry6Aa gene, cry34Ab/35Ab genes, and a cry3Aa gene are included within the scope of the subject invention. Thus, such embodiments target rootworms with three modes of action.

No. of Pages: 40 No. of Claims: 29

(22) Date of filing of Application: 16/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: COMBINATIONS INCLUDING CRY34AB/35AB AND CRY3BA PROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE IN CORN ROOTWORMS (DIABROTICA SPP.) •

(51) International classification	:C12P	(71)Name of Applicant:
(31) Priority Document No	:61/327,240	1)DOW AGROSCIENCES LLC
(32) Priority Date	:23/04/2010	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/033618	(72)Name of Inventor:
Filing Date	:22/04/2011	1)KENNETH E. NARVA
(87) International Publication No	:WO/2011/133892	2)THOMAS MEADE
(61) Patent of Addition to Application	:NA	3)KRISTIN J. FENCIL
Number		4)HUARONG LI
Filing Date	:NA	5)TIMOTHY D. HEY
(62) Divisional to Application Number	:NA	6)AARON T. WOOSLEY
Filing Date	:NA	7)MONICA BRITT OLSON

(57) Abstract:

The subject invention relates in part to Cry34Ab/35Ab in combination with Cry3Ba. The subject invention relates in part to the surprising discovery that Cry34Ab/Cry35Ab and Cry3Ba are useful for preventing development of resistance (to either insecticidal protein system alone) by a corn rootworm (Diabrotica spp.) population. As one skilled in the art will recognize with the benefit of this disclosure, plants producing these insecticidal Cry proteins will be useful to mitigate concern that a corn rootworm population could develop that would be resistant to either of these insecticidal protein systems alone. The subject invention is supported in part by the discovery that components of these Cry protein systems do not compete with each other for binding corn rootworm gut receptors. The subject invention also relates in part to triple stacks or pyramids of three (or more) toxin systems, with Cry34Ab/Cry35Ab and Cry3Ba being the base pair. Thus, plants (and acreage planted with such plants) that produce these two insecticidal protein systems are included within the scope of the subject invention.

No. of Pages: 44 No. of Claims: 29

(21) Application No.9922/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYNTHETIC PROCESS FOR THE MANUFACTURE OF ECTEINASCIDIN COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D515/22 :10382142.7 :25/05/2010 :EPO :PCT/EP2011/058466 :24/05/2011 :WO 2011/147828 :NA :NA :NA	(71)Name of Applicant: 1)PHARMA MAR S.A. Address of Applicant:Polgono Industrial La Mina Norte Avda. de los Reyes 1 E 28770 Colmenar Viejo Madrid Spain (72)Name of Inventor: 1)MART • N LPEZ Ma Jesos 2)FRANCESCH SOLLOSO Andrs 3)CUEVAS MARCHANTE Mara del Carmen
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(57) Abstract:

This invention relates to compounds of formula II: wherein R R Prot and Prot are as defined to processes for the synthesis of ectainascidins of formula I from compounds of formula II and to processes for the synthesis of compounds of formula II.

No. of Pages: 95 No. of Claims: 23

(21) Application No.9923/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND ARRANGEMENT FOR SWITCHING BETWEEN UNICAST AND BROADCAST MODES IN A WIRELESS COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/350,056 :01/06/2010 :U.S.A. :PCT/SE2010/050778 :05/07/2010 :WO 2011/152767 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)LARSSON Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and a transmitting unit in a wireless communication system. The transmitting unit is configured to transmit over multiple antennas pointing in different directions. Each antenna provides a beam partially overlapping with at least one other antenna. The method for the transmitting unit comprises switching m time between transmitting (910) in a unicast mode over each of said at least two antennas and transmitting (920) in a broadcast mode concurrently over all of the at least two antennas using a space time code.

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

(21) Application No.9924/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: BI-FUNCTIONAL COMPLEXES AND METHODS FOR MAKING AND USING SUCH COMPLEXES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N15/10 :PA 2010 70149 :16/04/2010 :Denmark :PCT/DK2011/000031 :16/04/2011 :WO 2011/127933 :NA :NA :NA	(71)Name of Applicant: 1)NUEVOLUTION A/S Address of Applicant: R, nnegade 8 5 DK 2100 Copenhagen Denmark (72)Name of Inventor: 1)GOULIAEV Alex Haahr 2)FRANCH Thomas 3)Godskesen Michael Anders 4)JENSEN Kim Birkeb¦k
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(57) Abstract:

The present invention is directed to a method for the synthesis of a bi functional complex comprising a molecule part and an identifier oligonucleotide part identifying the molecule part. A part of the synthesis method according to the present invention is preferably conducted in one or more organic solvents when a nascent bi functional complex comprising an optionally protected tag or oligonucleotide identifier is linked to a solid support and another part of the synthesis method is preferably conducted under conditions suitable for enzymatic addition of an oligonucleotide tag to a nascent bi functional complex in solution.

No. of Pages: 1036 No. of Claims: 301

(21) Application No.9925/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: PASTE COMPOSITION FOR ELECTRODES AND SOLAR CELL

(51) International classification(31) Priority Document No(32) Priority Date	:H01B1/22,C22C9/00,H01L31/04 :2011-085703 :07/04/2011	(71)Name of Applicant: 1)Hitachi Chemical Company Ltd. Address of Applicant: 1 1Nishi Shinjuku 2 chome Shinjuku ku
(33) Name of priority country	:Japan	Tokyo 1630449 Japan
(86) International Application No Filing Date (87) International Publication No	:PCT/JP2012/058680 :30/03/2012 :WO 2012/137688	(72)Name of Inventor: 1)ADACHI Shuichiro 2)YOSHIDA Masato 3)NOJIRI Takeshi 4)IWAMURO Mitsunori
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)KIZAWA Keiko 6)AOYAGI Takuya 7)YAMAMOTO Hiroki 8)NAITO Takashi 9)KATO Takahiko

(57) Abstract:

A paste composition for an electrode, the paste composition contains phosphorous-containing copper alloy particles in which the content of phosphorous is from 6% by mass to 8% by mass; glass particles; a solvent; and a resin. A photovoltaic cell has an electrode formed by using the paste composition for an electrode.

No. of Pages: 32 No. of Claims: 9

(21) Application No.9926/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : AN APPARATUS TO SUBSTANTIALLY MINIMIZE ACCIDENTAL TIPPING OF A CONTAINER PARTIALLY FILLED WITH A LIQUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/05/2011 :WO 2011/140339 :NA :NA :NA	(71)Name of Applicant: 1)MCCASLIN Samuel C Address of Applicant:3137 Woodridge Drive Pittsburgh Pennsylvania 15227 U.S.A. (72)Name of Inventor: 1)MCCASLIN Samuel C
Filing Date	:NA :NA	

(57) Abstract:

An apparatus to substantially minimize accidental tipping of a container partially filled with a liquid. The apparatus includes a first portion engageable with at least one of a tray a coaster a cup holder disposed in a vehicle and said container and a second portion disposed one of in and on one of the tray coaster and cup holder the first portion is disposed on the container and on the container when the first portion is disposed one of in and on such one of the tray coaster and cup holder.

No. of Pages: 31 No. of Claims: 20

(21) Application No.9927/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : VACCINES COMPRISING CHOLESTEROL AND CPG AS SOLE ADJUVANT - CARRIER MOLECULES

(51) International :A61K39/39,A61K39/10,A61K39/155

classification .A01K39/39,A01K39/10,A01K39/13

(31) Priority Document No :61/349244 (32) Priority Date :28/05/2010 (33) Name of priority

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

country (86) International

Application No :PCT/IB2011/052347

Filing Date :27/05/2011

(87) International Publication No :WO 2011/148356

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

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

(71)Name of Applicant:

1)COLEY PHARMACEUTICAL GROUP INC.

Address of Applicant :235 East 42nd Street New York New

York 10017 U.S.A. (72)Name of Inventor:

1)DAVIS Heather Lynn

2)DOMINOWSKI Paul Joseph 3)WEERATNA Risini Dhammika

(57) Abstract:

Described are vaccines having one or more antigens cholesterol and CpG. Aspects of the invention relate to the use of the vaccines of the invention for the treatment and/or prevention of human and animal disorders.

No. of Pages: 75 No. of Claims: 20

(21) Application No.473/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 12/02/2016

(54) Title of the invention : OPHTHALMIC DEVICES AND METHODS WITH APPLICATION SPECIFIC INTEGRATED CIRCUITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B18/00 :61/356619 :20/06/2010 :U.S.A. :PCT/US2011/040896 :17/06/2011 :WO 2011/163080 :NA :NA	(71)Name of Applicant: 1)ELENZA INC. Address of Applicant: 5238 Valleypointe Parkway Suite 6 Roanoke Virginia 24019 U.S.A. (72)Name of Inventor: 1)FEHR Jean Noel 2)DOLL Walter 3)SCHNELL Urban
		S)SCII (EEE CI OM)
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Ophthalmic devices with dynamic electro active elements offer variable optical power and/or depth of field that restore lost accommodation in individuals suffering from presbyopia or aphakia. An illustrative device senses physiological processes indicative of the accommodative response and actuates a dynamic electro active element to provide the desired change in optical power and/or depth of field. The illustrative device includes two application specific integrated circuits (ASICs) for processing the accommodative response and actuating the electro active element: a high voltage ASIC that steps up a low voltage from a power supply to a higher voltage suitable for actuating the electro active element and another ASIC that operates at low voltage (and therefore consumes little power) and controls the operating state of the high voltage ASIC. Because each ASIC operates at the lowest possible voltage the illustrative ophthalmic device dissipates less power than other ophthalmic devices.

No. of Pages: 43 No. of Claims: 37

(21) Application No.9964/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: STENTLESS SUPPORT STRUCTURE

(51) International classification	:B27B	(71)Name of Applicant:
(31) Priority Document No	:61/333,200	1)HEART LEAFLET TECHNOLOGIES INC.
(32) Priority Date	:10/05/2010	Address of Applicant :7351 Kirkwood Lane North Suite 104
(33) Name of priority country	:U.S.A.	Maple Grove MN 55369 U.S.A.
(86) International Application No	:PCT/US2011/035983	(72)Name of Inventor:
Filing Date	:10/05/2011	1)GAINOR John
(87) International Publication No	:WO/2011/143263	2)THILL Gary A.
(61) Patent of Addition to Application	:NA	3)WILSON Robert Foster
Number	:NA	4)BANICK Christopher M.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stentless support structure capable of being at least partly assembled in situ. The support structure comprises a braided tube that is very flexible and when elongated becomes very long and very small in diameter thereby being capable of placement within a small diameter catheter. The support structure is preferably constructed of one or more thin strands of a super-elastic or shape memory material such as Nitinol. When released from the catheter the support structure folds itself into a longitudinally compact configuration. The support structure thus gains significant strength as the number of folds increase. This radial strength obviates the need for a support stent. The support structure may include attachment points for a prosthetic valve.

No. of Pages: 45 No. of Claims: 20

(21) Application No.9965/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: ESTROGEN RECEPTOR MODULATORS 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 	:C12P :61/353,531 :10/06/2010 :U.S.A. :PCT/US2011/039669 :08/06/2011 :WO 2011/156518 :NA :NA	(71)Name of Applicant: 1)ARAGON PHARMACEUTICALS INC. Address of Applicant: 12780 El Camino Real Suite #301 San Diego CA 92130 U.S.A. (72)Name of Inventor: 1)KAHRAMAN Mehmet 2)GOVEK Steven P. 3)NAGASAWA Johnny Y. 4)SMITH Nicholas D.
- 10		4)SMITH Nicholas D.
Filing Date	:NA	

(57) Abstract:

Described herein are compounds that are estrogen receptor modulators. Also described are pharmaceutical compositions and medicaments that include the compounds described herein as well as methods of using such estrogen receptor modulators alone and in combination with other compounds for treating diseases or conditions that are mediated or dependent upon estrogen receptors.

No. of Pages: 202 No. of Claims: 35

(21) Application No.9966/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: FORMULATIONS OF QUINONES FOR THE TREATMENT OF OPHTHALMIC DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :61/328,546 :27/04/2010 :U.S.A. :PCT/US2011/033983 :26/04/2011 :WO/2011/137126 :NA :NA	(71)Name of Applicant: 1)EDISON PHARMACEUTICALS INC. Address of Applicant: 350 North Bernardo Avenue Mountai View CA 94043 U.S.A. (72)Name of Inventor: 1)MILLER Guy M.	n
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(57) Abstract:

A formulation comprising an ophthalmically effective amount of one or more quinones of Formula I. Use of a formulation comprising one or more quinones of Formula I for the prevention reduction amelioration or treatment of ophthalmic disorders that are associated with a neurodegenerative or trauma disorder is also discussed. A method of treating or controlling the ocular symptoms associated with neurodegenerative diseases or trauma with a formulation comprising one or more quinones of Formula I is also discussed. A method of treating or controlling the ocular symptoms associated with mitochondrial myopathies with a formulation comprising one or more quinones of Formula I is also discussed

No. of Pages: 66 No. of Claims: 19

(22) Date of filing of Application: 17/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: DEVICE FOR DISPLAYING TERRAIN ON A DISPLAY DEVICE OF AN 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N :10 2010 022 726.9 :04/06/2010 :Germany :PCT/DE2011/001105 :25/05/2011 :WO/2012/006983 :NA :NA	(71)Name of Applicant: 1)EADS DEUTSCHLAND GMBH Address of Applicant: Willy-Messerschmitt-Strasse 85521 Ottobrunn Germany (72)Name of Inventor: 1)SCHAFHITZEL Tobias
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an apparatus for displaying terrain on a display apparatus of an airborne vehicle, comprising a synthetic vision system having a terrain and obstruction database, an enhanced vision system with sensors (1) for recording terrain data, a height and position sensor (5) for determining the flight state data, a display apparatus (6), a processor (3) for fusion of the data from the synthetic vision system and from the enhanced vision system, wherein the height information which is produced by the synthetic vision system and the enhanced vision system is stored as pixels in a two-dimensional grid network, a graphics processor (4, 8) which send the terrain data produced by means of the fusion processor (3) to the display apparatus (6), taking account of the flight state data determined by means of the height and position sensor (5), characterized in that the fusion processor (3) using an error function for insertion of a pixel into the two-dimensional grid network, wherein the error function provides an estimate of the size of the respective cell in which the pixel is stored, from the distance between the pixel and the sensor position.

No. of Pages: 24 No. of Claims: 2

(21) Application No.11283/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: CRYSTAL OF AMIDE COMPOUND

(51) International :C07D401/12,A61K31/5377,A61P9/00

classification
(31) Priority Document No :2010137194
(32) Priority Date :16/06/2010

(32) Priority Date :16/06/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2011/063735

Application No Filing Date :15/06/2011

(87) International :WO 2011/158880

Publication No
(61) Patent of Addition to
:NA

Application Number :NA Filing Date :NA

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)TAKEDA PHARMACEUTICAL COMPANY LIMITED

Address of Applicant: 1 1 Doshomachi 4 chome Chuo ku

Osaka shi Osaka 5410045 Japan

(72)Name of Inventor: 1)KITAYAMA Masato

(57) Abstract:

Disclosed is a crystal of 1-(4-methoxybutyl)-N-(2-methylpropyl)-N-[(3S,5R)-5-(morpholine-4-ylcarbonyl)piperidine-3-yl]-1H-benzoimidazole-2-carboxamide hydrochloride that has excellent renin inhibitory activity and that is useful as a preventative or therapeutic agent for types of organ dysfunction and the like that stem from high blood pressure and hypertension. The crystal of 1-(4-methoxybutyl)-N-(2-methylpropyl)-N-[(3S,5R)-5-(morpholine-4-ylcarbonyl)piperidine-3-yl]-1H-benzoimidazole-2-carboxamide hydrochloride has powder X-ray diffraction pattern wherein the lattice spacing (d) of powder X-ray diffraction has characteristic peaks appearing in the vicinity of 26.43 ± 0.2 , 7.62 ± 0.2 , and 4.32 ± 0.2 angstroms.

No. of Pages: 52 No. of Claims: 16

(21) Application No.2270/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: VOLTAGE STEP DOWN TRANSFORMER

(51) International classification	:H02M7/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHAHBAZ AHMAD SHEIKH
(32) Priority Date	:NA	Address of Applicant :HOUSE NO 74, RAZVAN,
(33) Name of priority country	:NA	AKALPORA, MAGAM, BEERWAH BUDGAM, KASHMIR,
(86) International Application No	:NA	INDIA. Jammu & Kashmir India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAHBAZ AHMAD SHEIKH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention needs only one hundred rupee to complete while as previous art needs in lac of rupees to complete because of using copper wire which expensive

No. of Pages: 5 No. of Claims: 3

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AMMONIA STORAGE STRUCTURE AND ASSOCIATED SYSTEMS

(33) Name of priority country (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 (33) Name of priority country (PCT/EP2014/057441 (72) Name of Inventor: 1) DEMENTHON Jean Baptiste **NA* **NA*	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:1353367 :12/04/2013 :France :PCT/EP2014/057441 :11/04/2014 :WO 2014/167123 :NA :NA	` '
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(57) Abstract:

The invention relates to an ammonia storage structure (7) in particular for the slective catalytic rduction of nitrogen oxides in the exhaust gases of combustion vehicles, including at least one storage material in which the ammonia can be stored, characterized in that said structure includes at least two diffrent storage portions, each storage portion containing a storage material, and not all the storage materials of the diffrent storage portions being identical. The invention also relates to an ammonia storage and removal System of a vehicle that includes a storage chamber, including such a storage structure. The invention further relates to a slective catalytic rduction System for internai combustion engine exhaust gases, including such an ammonia storage System and to a module for feeding ammonia into the exhaust gases.

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FAST CRASH RECOVERY FOR DISTRIBUTED DATABASE SYSTEMS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :61/799609 :15/03/2013 :U.S.A. :PCT/US2014/024708 :12/03/2014 :WO 2014/150986 :NA :NA :NA	 (71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor: 1)GUPTA Anurag Windlass 2)BURCHALL Laurion Darrell 3)MADHAVARAPU Pradeep Jnana 4)FACHAN Neal
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(57) Abstract:

A distributed database system may implement fast crash recovery. Upon recovery from a database head node failure a connection with one or more storage nodes of a distributed storage system storing data for a database implemented by the database head node may be established. Upon establishment of the connection with the storage nodes that database may be made available for access such as for various access requests. In various embodiments redo log records may not be replayed in order to provide access to the database. In at least some embodiments the storage nodes may provide a current state of data stored for the database in response to requests.

No. of Pages: 68 No. of Claims: 15

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : CONTROLLER AND FLEXIBLE COILS FOR ADMINISTERING THERAPY SUCH AS FOR CANCER THERAPY

		(71)Name of Applicant: 1)NATIVIS INC. Address of Applicant:219 Terry Avenue North Seattle WA
		98109 U.S.A.
		2)BUTTERS, John, T.
	:A61N2/02,A61N2/04,A61B18/00	
(31) Priority Document No	:61/792547	4)AMMERMAN Mike
(32) Priority Date	:15/03/2013	5)CONWAY Scott
(33) Name of priority country	:U.S.A.	6)FISH Robert
(86) International Application	:PCT/US2014/030018	7) HOOD Larry
No Filing Date	:15/03/2014	8)NATHANSON Jared 9)OBERKRAMER Kevin
(87) International Publication		10)KUKULKA Kathryn
No	:WO 2014/145284	11)MARCH Andrew
(61) Patent of Addition to		(72)Name of Inventor:
Application Number	:NA	1)BUTTERS John T.
Filing Date	:NA	2)BUTTERS Bennett M.
(62) Divisional to Application	:NA	3)AMMERMAN Mike
Number	:NA :NA	4)CONWAY Scott
Filing Date	.NA	5)FISH Robert
		6)HOOD Larry
		7)NATHANSON Jared
		8)OBERKRAMER Kevin
		9)KUKULKA Kathryn
		10)MARCH Andrew

(57) Abstract:

Disclosed herein are systems and methods for providing a portable magnetic field therapy system for treatment of diseases and adverse health conditions, such as cancer.

No. of Pages: 51 No. of Claims: 23

(21) Application No.9302/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B32B1/02 :61/783994 :14/03/2013 :U.S.A. :PCT/US2014/027551 :14/03/2014 :WO 2014/152631 :NA :NA	(71)Name of Applicant: 1)BERRY PLASTICS CORPORATION Address of Applicant:101 Oakley Street Evansville IN 47710 U.S.A. (72)Name of Inventor: 1)MINNETTE Jeffrey C. 2)DRISKILL Philip A. 3)SUN David D. 4)STRASSER Rolland 5)SURTI Birju A.
(62) Divisional to Application Number Filing Date	:NA :NA	S)SCRII Briju III

(57) Abstract:

A vessel is configured to hold a product in an interior region formed in the vessel. In illustrative embodiments, the vessel includes a floor and a sidewall coupled to the floor to extend away from the floor. Together the floor and sidewall cooperate to define the interior region. A vessel in accordance with the present disclosure is configured to hold a product in an interior region. In illustrative embodiments, the vessel is an insulated container such as a drink cup. In illustrative embodiments, the vessel is a container such as a shampoo bottle.

No. of Pages: 64 No. of Claims: 86

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DIRECT DRIVE HYDROSTATIC TRANSMISSION

:NA

:NA

(51) International (71)Name of Applicant: :F16H47/02,B60K17/10,B60K17/356 classification 1)DANA ITALIA S.P.A. (31) Priority Document No :61/811581 Address of Applicant: Ten Briele 3 Sint Michiels, B-8200 (32) Priority Date :12/04/2013 Brugge Belgium (72)Name of Inventor: (33) Name of priority :U.S.A. 1)NELLUMS Richard A. country (86) International 2)GILARDINO Luca :PCT/EP2014/057451 Application No 3)ORNELLA Giulio :11/04/2014 Filing Date 4)TESSARO Nicola (87) International 5)COSOLI Ettore :WO 2014/167130 Publication No 6)SERRAO Lorenzo (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

(62) Divisional to

Application Number

Filing Date

A hydrostatic driveline and method of operating a hydrostatic driveline is provided. The hydrostatic driveline comprises a power source, hydrostatic pump, a hydrostatic motor, a direct drive link a first transmission portion and a second transmission portion. The direct drive link is in driving engagement with at least one of the power source and the hydrostatic pump. The first transmission portion is in driving engagement with a vehicle output and the hydrostatic motor. The second transmission portion is in driving engagement with the direct drive link and at least one of the vehicle output and the first transmission portion. The hydrostatic pump, the hydrostatic motor, and the first transmission portion form a first power path for the hydrostatic driveline and the direct drive link and the second transmission portion form a second power path for the hydrostatic driveline.

No. of Pages: 66 No. of Claims: 12

(22) Date of filing of Application :07/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHODS OF INCREASING RESISTANCE OF CROP PLANTS TO HEAT STRESS AND SELECTING CROP PLANTS WITH INCREASED RESISTANCE TO HEAT STRESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/779124 :13/03/2013 :U.S.A.	(71)Name of Applicant: 1)THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS Address of Applicant: 2404 North University Avenue Little Rock AR 72207 U.S.A. (72)Name of Inventor: 1)VENKATEGOWDA Ramegowda 2)PEREIRA Andy
1 (41110 41	:NA :NA :NA	

(57) Abstract:

Methods of increasing the resistance of a crop plant to heat stress and in particular methods of improving the grain yield and quality of crop plants grown under heat stress in the form of increased minimal temperatures are provided. The methods include selecting plants with increased expression of HYR and growing these plants in regions expected to experience minimal temperatures above 25°C during the growing season. Methods of screening plants for increased resistance to heat stress and methods of producing grain in regions having minimal temperatures of 25°C or more are also provided.

No. of Pages: 26 No. of Claims: 28

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NETWORK TRAFFIC MAPPING AND PERFORMANCE ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/03/2014 :WO 2014/144520 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor: 1)SEARLE Ian Roger 2)DESANTIS Peter Nicholas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An overlay network analysis method obtains data including but not limited to client packet traffic data on an overlay network, and performs one or more analyses based on the obtained data to generate and output topological and/or performance information for the overlay network and/or the network substrate on which the overlay network is implemented. Client traffic data collected for specific client resource instances may be analyzed to generate performance metrics for the overlay network between the instances. Aggregated client traffic data for specific clients may also be analyzed to generate mappings of the clients private network implementations on the overlay network, as well as performance metrics for the clients private networks on the overlay network. In addition, client traffic data from multiple clients may be aggregated and analyzed to generate mappings and performance metrics for the overlay network as a whole.

No. of Pages: 60 No. of Claims: 15

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FLIPPED CELL SENSOR PATTERN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)CYPRESS SEMICONDUCTOR CORATION Address of Applicant: 198 Champion Court, San Jose, California 95134 U.S.A. (72)Name of Inventor:
Filing Date	:18/02/2014/010/81	1)AVERY Benjamin James
(87) International Publication No	:WO 2014/163801	2)WENG Xiaoping
(61) Patent of Addition to Application	:NA	3)DENG Eileen
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of a capacitive sensor array may comprise a large sensor electrode and a plurality of small sensor electrodes, including first, second, and third small sensor electrodes. The large sensor electrode and small sensor electrodes may be formed from a single layer of conductive material. The first small sensor electrode may be located on the same lateral side of the large sensor electrode as the second small sensor electrode, may be consecutive with the second small sensor electrode in a spatial order of the small sensor electrodes along a longitudinal axis of the large sensor electrode, and may be located on an opposite lateral side of the large sensor electrode from the third small sensor electrode. For each of the small sensor electrodes, at least a portion of the small sensor electrode may be located between two interior points of the large sensor electrode.

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

(22) Date of filing of Application :08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : CRYSTALS OF LAQUINIMOD SODIUM AND IMPROVED PROCESS FOR THE MANUFACTURE 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 :N	51/785575 4/03/2013 J.S.A.	(71)Name of Applicant: 1)TEVA PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant: 5 Basel Street P.O. Box 3190 49131 Petach Tikva Israel (72)Name of Inventor: 1)FRENKEL Anton 2)LAXER Avital 3)IOFFE Vladimir 4)JANSSON Karl Erik 5)FRISTEDT Ulf Tomas
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(57) Abstract:

The present application provides subject-matter related to a mixture of crystalline laquinimod sodium particles, wherein (i) > 90% of the total amount by volume of the laquinimod sodium particles have a size of < 40 μ m or (ii) > 50% of the total amount by volume of the laquinimod sodium particles have a size of < 15 μ m and wherein one or more of further requirements are fulfilled with regard to bulk density, tapped density and the amount of certain impurities. The present application also provides a pharmaceutical composition comprising an amount of laquinimod and at least one of BH-3-HLAQ, MCQ, MCQCA, MCQME, NEA, and MCQEE. The subject invention also provides processes for preparing BH-3-HLAQ, MCQ, MCQCA, MCQME, MCQEE, and compounds prepared by said processes. Further provided is a process for testing whether a sample of laquinimod contains an undesirable impurity. Further provided are processes for (a) preparing a validated pharmaceutical composition comprising laquinimod, (b) distributing a validated batch of a pharmaceutical composition comprising laquinimod, (c) validating a batch of a pharmaceutical product containing laquinimod and (d) preparing a packaged pharmaceutical composition comprising laquinimod, each comprising determining the amount of at least one of BH-3-HLAQ, MCQ, MCQCA, MCQME, NEA, and MCQEE in a sample or batch. The subject invention further provides use of BH-3-HLAQ, MCQ, MCQCA, MCQME, MCQEE as a reference standard to detect trace amounts of the impurity in a pharmaceutical composition comprising laquinimod. Finally, the subject invention provides methods of determining the concentration of BH-3-HLAQ, MCQ, MCQCA, MCQME, MCQEE, 5-HLAQ, SPIRO-LAQ or 3 H-LAQ in a pharmaceutical composition comprising laquinimod.

No. of Pages: 264 No. of Claims: 95

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: USE OF THERMOPHILIC NUCLEASES FOR DEGRADING NUCLEIC ACIDS

(51) International classification	:C12N1/08	(71)Name of Applicant:
(31) Priority Document No	:61/794400	1)DSM IP ASSETS B.V.
(32) Priority Date	:15/03/2013	Address of Applicant :Het Overloon 1 6411 Te Heerlen
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/US2014/026379	(72)Name of Inventor:
Filing Date	:13/03/2014	1)TRUEHEART Joshua
(87) International Publication No	:WO 2014/151748	2)MCGRATH Jessica
(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 the use of a thermophilic nuclease for degrading nucleic acids in vivo and/or in situ, wherein the thermophilic nuclease is heterologous to the host cell and is produced by the host rather than being added exogenously. The present invention further relates to a genetically modified cell which was produced according to the above method. The present invention is particularly beneficial in in activating the biological activity of recombinant DNA in biomass or biomass-derived products.

No. of Pages: 72 No. of Claims: 97

(21) Application No.9327/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: EMULSIFIER COMPOSITION

(51) International classification: A23L1/035, A21D2/16, B01F17/00 (71) Name of Applicant:

(31) Priority Document No :1308502.2 (32) Priority Date :13/05/2013

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

(86) International Application :PCT/EP2014/059394

No :07/05/2014 Filing Date

(87) International Publication :WO 2014/184079

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) DUPONT NUTRITION BIOSCIENCES APS

Address of Applicant :Langebrogade 1 P.O. Box 17 DK 1001

Copenhagen K Denmark (72)Name of Inventor:

1)SPARS~ Flemming Vang

2)LAURSEN Anne Kathrine K

(57) Abstract:

There is provided an emulsifier composition comprising (a) a diacetyl tartaric acid ester of mono- and diglycerides (DATEM); (b) free acetic acid in an amount of less than 0.4 wt% based on the amount of DATEM; and (c) a salt or base, wherein the salt or base is capable of donating a metal ion to one or more carboxyiic acids present in the DATEM to form a salt of the carboxyiic acid present in the DATEM, wherein the salt or base is present in an amount to provide a degree of neutralisation of atleast 0.25 mol %.

No. of Pages: 50 No. of Claims: 25

(21) Application No.9317/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION

(51) International :A01N43/36,A01N43/40,C09D5/14

classification

(31) Priority Document No :61/806085 (32) Priority Date :28/03/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/032221

No :28/03/2014 Filing Date

(87) International Publication :WO 2014/160965

(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) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West

Philadelphia PA 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor:

1)DONNELLY Kenneth M. 2)LENOIR Pierre Marie

3) JOHANNES VILLIGER Lukas Thomas

(57) Abstract:

A synergistic antimicrobial composition containing ilurochloridone and zinc pyrithione is provided. Also provided is a method of inhibiting the growth of or controlling the growth of microorganisms in a building material by adding such a synergistic antimicrobial composition. Also provided is a coating composition containing such a synergistic antimicrobial composition, and a dry film made from such a coating composition.

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

(21) Application No.9318/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: OXABICYCLO [2.2.2] ACID GPR120 MODULATORS

(51) International classification :C07D493/08,A61K31/35,A61K31/352

(31) Priority Document No:61/782339

(32) Priority Date :14/03/2013 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2014/025287

Filing Date :13/03/2014

(87) International Publication No :WO 2014/151247

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and Province Line Road

Princeton New Jersey 08543 U.S.A.

(72)Name of Inventor:

1)ZHANG Hao

2)CHENG Peter T.W.

3)CHEN Sean 4)TAO Shiwei 5)WU Shung C. 6)NEGASH Lidet A.

(57) Abstract:

The present invention provides compounds of Formula (I): (I) or a stereoisomer, or a pharmaceutically acceptable salt thereof, wherein all of the variables are as defined herein. These compounds are GPR120 G protein-coupled receptor modulators which may be used as medicaments.

No. of Pages: 212 No. of Claims: 12

(21) Application No.9319/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

(51) International :C07D487/04,A61K31/519,A61K31/5383 classification

(31) Priority Document :61/781315

(32) Priority Date :14/03/2013 (33) Name of priority :U.S.A.

country

(86) International Application No

:PCT/US2014/021867 :07/03/2014

Filing Date

(87) International

:WO 2014/159076 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) BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and Province Line Road

Princeton New Jersey 08543 U.S.A.

(72) Name of Inventor:

1)NAD3U B. Narasimhulu

2)PATEL Manoj 3)D'ANDREA Stanley

4) ZHENG Zhizhen Barbara

(57) Abstract:

The disclosure generally relates to compounds of formula (I), including compositions and methods for treating human immunodeficiency virus (HrV) infection. The disclosure provides novel inhibitors of HIV, pharmaceutical compositions containing such compounds, and methods for using these compounds in the treatment of HIV infection.

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

(21) Application No.9353/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: QUANTITATIVE ASSESSMENT FOR CAP EFFICIENCY OF MESSENGER RNA

:C12Q1/68,C12N15/113 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) SHIRE HUMAN GENETIC THERAPIES INC. :61/784337 (32) Priority Date :14/03/2013 Address of Applicant :300 Shire Way Lexington (33) Name of priority country :U.S.A. Massachusetts 02421 U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2014/027587 1)HEARTLEIN Michael Filing Date :14/03/2014 (87) International Publication No :WO 2014/152659 2)DEROSA Frank (61) Patent of Addition to Application 3)DIAS Anusha :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention provides, among other things, methods of quantitating mRNA capping efficiency, particularly for mRNA synthesized in vitro. In some embodiments, the methods comprise chromatographic methods of quantifying capping efficiency and methylation status of the caps.

No. of Pages: 59 No. of Claims: 23

(21) Application No.9918/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND APPARATUS FOR DISPENSING ITEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F17/00 :12/80,0349 :13/05/2010 :U.S.A. :PCT/IL2011/000383 :12/05/2011 :WO 2011/141919 :NA	(71)Name of Applicant: 1)DATA DETECTION TECHNOLOGIES LTD. Address of Applicant: 12 Hartom Street 97775 Jerusalem Israel (72)Name of Inventor: 1)HOREV Noam 2)WEINBERGER Zvi
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for dispensing discrete items into a multiplicity of containers such that each of the multiplicity of containers contains at least a predetermined number of items the apparatus comprising: a conveyor for transporting items from a feeder to a location from which the items fall into the container; a counting mechanism for counting a number of items that have fallen off the conveyor into the container during operation of the conveyor and due to inertial forces after the operation; an actuator for operating or stopping the conveyor in accordance with control commands; and a computing platform for receiving a count from the counting mechanism and generating the control commands to be provided to the actuator.

No. of Pages: 34 No. of Claims: 24

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: BIS(DIFLUOROMETHYL) PYRAZOLES AS FUNGICIDES •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C0/C :61/345,796 :18/05/2010	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: Alfred-Nobel-Str. 50 40789 Monheim Germany (72)Name of Inventor: 1)PIERRE CRISTAU 2)SEBASTIAN HOFFMANN 3)JOACHIM KLUTH 4)THOMAS SEITZ 5)TOMOKI TSUCHIYA 6)PIERRE WASNAIRE 7)JRGEN BENTING 8)ULRIKE WACHENDORFF-NEUMANN
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(57) Abstract:

Bis(difluoromethyl)pyrazole derivatives of the formula (I) in which the symbols R, X, Y and Q are each as defined in the description, and agrochenlically active salts thereof, and use thereof for controlling phytopathogenic harmful fungi, and also processes for preparing compounds of the formula (1).

No. of Pages: 64 No. of Claims: 9

(21) Application No.9929/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application:16/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: SPIROHETEROCYCLIC PYRROLIDINE DERIVATIVES BASED PESTICIDES

(51) International classification

:C07D211/94,C07D405/12,C07D471/10

(31) Priority Document

:10164516.6

(32) Priority Date :31/05/2010

(33) Name of priority

country

(86) International

:PCT/EP2011/058209 Application No :19/05/2011

:EPO

Filing Date

(87) International

:WO 2011/151199 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)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72) Name of Inventor:

1)MUEHLEBACH Michel

2)SCHAETZER J¹/₄rgen Harry

(57) Abstract:

Compounds of the formula (I) wherein the substituents are as defined in claim 1 are useful as a pesticides.

No. of Pages: 187 No. of Claims: 10

(21) Application No.9930/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF CROP ENHANCEMENT

(51) International classification :A01N43/90,A01N47/06,A01P21/00

(31) Priority Document No :10164500.0 (32) Priority Date :31/05/2010

(33) Name of priority country: EPO

(86) International Application No :PCT/EP2011/057704

Filing Date :12/05/2011

(87) International Publication :WO 2011/151146

NO
(61) Potent of Addition to

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

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

(71)Name of Applicant:

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

Switzerland

(72)Name of Inventor:1)BUCHHOLZ Anke2)REINER Werner3)HAAS Ulrich Johannes

(57) Abstract:

A method of enhancing a crop by applying to the crop or a locus thereof a compound of formula (I) in which Q is i or ii or iii.

No. of Pages: 195 No. of Claims: 9

(21) Application No.10511/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: EXHAUST COOLING SYSTEM FOR INTERNAL COMBUSTION ENGINE

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:F01N13/14,F01N3/02,F01N13/08 :NA :NA :NA :PCT/JP2013/063710 :16/05/2013	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)SHINODA Yoshihisa
Filing Date (87) International Publication No	:WO 2014/184936	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cooling system for an internal combustion engine wherein an exhaust purification catalyst is arranged in the exhaust passage of the internal combustion engine said cooling system being equipped with: a cooling unit that cools the exhaust passage upstream from the exhaust purification catalyst; a heat transfer inhibition unit configured so as to inhibit the transfer of heat from the exhaust passage downstream from the location cooled by the cooling unit to the cooling unit; and a heat radiation suppression unit that is provided in a curved section in the exhaust passage running from the location where the heat transfer inhibition unit is provided to the exhaust purification catalyst and that suppresses the radiation of heat transferred from the exhaust flowing in the curved section to the atmosphere around the curved section via the curved section passage walls forming the curved section. By means of this configuration a reduction in the exhaust temperature can be prevented.

No. of Pages: 57 No. of Claims: 17

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: A WIDE BAND COMPACT ANTENNA WITH DUAL LINER POLARIZATION.

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:1104120	1)THALES
(32) Priority Date	:27/12/2011	Address of Applicant :45, RUE DE VILLIERS, 92200
(33) Name of priority country	:France	NEUILLY SUR SEINE, FRANCE France
(86) International Application No	:NA	2)UNIVERSITE DE RENNES
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CLAUZIER, OLIVIER
(61) Patent of Addition to Application Number	:NA	2)COLOMBEL, FRANCK
Filing Date	:NA	3)HIMDI, MOHAMMED
(62) Divisional to Application Number	:NA	4)LE MEINS, CYRILLE
Filing Date	:NA	

(57) Abstract:

An antenna (2) for emitting/receiving electromagnetic waves, of the type comprising a reflective plane (12), an absorptive surface (10) and two orthogonal dipoles (18) each comprising two radiating elements (4). The radiating elements (4) are substantially planar and each have a general triangular shape. Fig. 1

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMBINATIONS INCLUDING CRY34AB/35AB AND CRY3AA PROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE INCORN ROOTWORMS (DIABROTICA SPP) •

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:61/327,240	1)DOW AGROSCIENCES LLC
(32) Priority Date	:23/04/2010	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/033617	(72)Name of Inventor:
Filing Date	:22/04/2011	1)KENNETH E. NARVA
(87) International Publication No	:WO/2011/133891	2)THOMAS MEADE
(61) Patent of Addition to Application	:NA	3)KRISTIN J. FENCIL
Number	:NA :NA	4)HUARONG LI
Filing Date	.IVA	5)TIMOTHY D. HEY
(62) Divisional to Application Number	:NA	6)AARON T. WOOSLEY
Filing Date	:NA	7)MONICA BRITT OLSON

(57) Abstract:

The subject invention relates in part to Cry34Ab/35Ab in combination with Cry3Aa. The subject invention relates in part to the surprising discovery that combinations of Cry34Ab/Cry35Ab and Cry3Aa are useful for preventing development of resistance (to either insecticidal protein system alone) by a corn rootworm (Diabrotica spp.) population. As one skilled in the art will recognize with the benefit of this disclosure, corn plants producing these insecticidal Cry proteins will be useful to mitigate concern that a corn rootworm population could develop that would be resistant to either of these insecticidal protein systems alone. Plants (and acreage planted with such plants) that produce these two insecticidal protein systems are included within the scope of the subject invention.

No. of Pages: 43 No. of Claims: 29

(21) Application No.9940/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention : SPACER FOR A VACUUM GLAZING PANEL AND CORRESPONDING VACUUM GLAZING PANEL AND PRODUCTION METHOD \bullet

(51) Intermetional electrication	:B41M	(71)Nome of Applicant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:2010/0297	1)AGC GLASS EUROPE
(32) Priority Date	:18/05/2010	Address of Applicant :Chaussee de La Hulpe 166 B-1170
(33) Name of priority country	:Belgium	Bruxelles (Watermael-Boitsfort) Belgium
(86) International Application No	:PCT/EP2011/057918	(72)Name of Inventor:
Filing Date	:17/05/2011	1)SEBASTIEN CALIARO
(87) International Publication No	:WO/2011/144588	2)FRANCOIS CLOSSET
(61) Patent of Addition to Application	:NA	3)FLORENCE SCHEYVAERTS
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
I ming Date	.11/1	

(57) Abstract:

The invention relates to a spacer (8) to be sandwiched between first and second glass sheets (,) of a vacuum glazing panel, such as to maintain a first space between the glass sheets, which space forms a first cavity (d.) under a vacuum of less than 1 mbar, a sealing joint (1) being positioned on the periphery 5 of the glass sheets enclosing the first cavity. According to the invention, one such spacer (8) comprises cold-worked austenitic stainless steel.

No. of Pages: 20 No. of Claims: 14

(21) Application No.10525/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION METHOD FOR SHEET SHAPED CELL CULTURE

(51) International classification :C12N5/071,A61L27/00,C12N5/0775

(31) Priority Document No :2013105204 (32) Priority Date :17/05/2013

(33) Name of priority :Japan

country (86) International

Application No :PCT/JP2014/063058

Filing Date :16/05/2014

(87) International Publication No :WO 2014/185517

(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:

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Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku

Tokyo 1510072 Japan (72)Name of Inventor:
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2)YORI Kouichirou

(57) Abstract:

The purpose of the present invention is to provide a sheet shaped cell culture that is highly active with respect to cytokine production ability and the like and a production method for the sheet shaped cell culture. The present invention relates to: a production method for a sheet shaped cell culture that includes a step in which cells are frozen a step in which the frozen cells are thawed and a step in which a sheet shaped cell culture is formed; a sheet shaped cell culture that is produced using the production method and that is highly active; and a method in which the sheet shaped cell culture is used to treat a disease that is associated with tissue abnormality.

No. of Pages: 42 No. of Claims: 16

(21) Application No.10526/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/11/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DUCT ASSEMBLIES WITH INTERNALLY BOLTED EXPANSION JOINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:F16L51/02,F24F13/02 :NA :NA :NA :NA :PCT/US2013/041899 :20/05/2013 :WO 2014/189489 :NA :NA :NA	(71)Name of Applicant: 1)FLUOR TECHNOLOGIES CORPORATION Address of Applicant: 3 Polaris Way Aliso Viejo California 92698 U.S.A. (72)Name of Inventor: 1)JOHNSON Dennis W. 2)BROWN James Hurley 3)SMITH Fred C. 4)JACKSON Kim Moody 5)SMOAK Bradley D.
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(57) Abstract:

A contiguous duct assembly has first and second ducts that share at least one common wall element. An expansion joint is formed at the end of the contiguous duct assembly using a connector element that extends with respective portions into the internal spaces of the first and second ducts. First and second expansion fabrics are coupled to the respective portions from the inside of the ducts using fasteners that are accessible from and disposed within the internal space of the first and second ducts.

No. of Pages: 23 No. of Claims: 26

(21) Application No.3767/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMATIC DEPRESSURIZING PUMP

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C11D :102138499 :24/10/2013 :Taiwan	
(86) International Application No Filing Date	:NA :NA	CITY 235, TAIWAN, R.O.C. Taiwan (72)Name of Inventor:
(87) International Publication No	: NA	1)KUN-LIN CHANG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An automatic depressurizing pump includes an air-generating unit and an airflow control unit. The air-generating unit has a first air intake hole. An air generated by the air-generating unit drives the air control unit so as to inhale or exhale airflows through the first air intake hole. The airflow control unit includes a valve base, a first valve, a second valve, a top cover, and a resilient member.

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

(21) Application No.9953/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: FIXTURE DEVICE 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 Filing Date 	:B27B :NA :NA :NA :PCT/US2010/043380 :27/07/2010 :WO/2012/015394 :NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington Connecticut 06032 USA U.S.A. (72)Name of Inventor: 1)ARMISTEAD Jason R. 2)COLLINS James M. 3)NGUYEN Dang V.
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(57) Abstract:

A method for controlling a fixture (122) includes receiving a message from a controller (102) determining whether the message includes an address associated with the fixture (122) retrieving an identifier of the controller (102) from the message responsive to determining that the message includes an address not associated with the fixture (122) determining whether the fixture (122) includes a fixture channel (204) controlled by the controller (102) and resetting a timer (203) associated with the fixture channel (204) controlled by the controller (102) responsive to determining that the fixture (122) includes the fixture channel (204) controlled by the controller (102).

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

(22) Date of filing of Application :28/12/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRESSURE CONTROL OF THE CATALYST MIXING VESSEL

(51) International classification :C08F10/02,C08F2/01,C08F2/14 (71)Name of Applicant :

(31) Priority Document No :10171367.5 (32) Priority Date :30/07/2010

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2011/063143

Filing Date :29/07/2011 (87) International Publication No: WO 2012/013802

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

:NA Number :NA

Filing Date

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72) Name of Inventor: 1)BRUSSELLE Alain 2) DEWACHTER Daan 3)FOUARGE Louis

(57) Abstract:

The present invention relates to a process for preparing catalyst slurry in a catalyst slurry preparation system and supplying catalyst slurry to an ethylene polymerization loop reactor wherein an accurate control of the pressure within said catalyst slurry preparation system is provided. More particularly the present invention provides a method for preparing a catalyst slurry and supplying said catalyst slurry to an ethylene polymerization loop reactor said catalyst slurry comprising solid catalyst and a liquid hydrocarbon diluent wherein said method comprises the steps of: (a) feeding concentrated catalyst slurry to a mixing vessel by means of a feeding device; (b) diluting said concentrated catalyst slurry in a suitable amount of said diluent in a mixing vessel thereby obtaining a diluted catalyst slurry having a concentration suitable for use in an ethylene polymerization reaction; wherein said mixing vessel is provided with at least one pressure regulating unit connected therewith and wherein said pressure regulating unit comprises a pulsation dampener; and (c) transferring said diluted catalyst slurry from said mixing vessel to said ethylene polymerization loop reactor; characterized in that the method comprises the step of maintaining said mixing vessel essentially free of a gaseous phase by regulating the pressure in said mixing vessel using said at least one pressure regulating unit comprising the pulsation dampener.

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

(22) Date of filing of Application: 19/10/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND DEVICE FOR CONTINUOUSLY MEASURING THE LIFTING HEIGHT OF A LOAD CARRYING DEVICE OF AN INDUSTRIAL 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 		Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)GUSTMANN, MARTIN 2)GERDES, MANFRED 3)SCHMIDT, CHRISTIAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SCHMIDT, CHRISTIAN 4)HOFFMANN, MARC
(62) Divisional to Application Number Filing Date	:NA :NA	5)BECKER, RALF

(57) Abstract:

A method for continuously measuring the lifting height of a load carrying device of an industrial vehicle by a measuring device, with an extending approximately vertically extending mast (1), on which the load carrying device is movably guided in its approximately vertically extending direction, is described. With a lifting device, by which one pulley (12) is mounted about a roller axis (6) in a freely rotatable manner, is movably driven in the vertically extending direction of the mast (1). With a band-like flexible lifting element secured to the load carrying device at its one end and is guided by the load carrying device having a first portion approximately vertically upward to the pulley and in a slip-free manner around the pulley (12), is guided with its second part (9) approximately opposite to a first part (8) to a lower region of the mast (1). Fig. 1

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

(21) Application No.9959/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: DIAGNOSIS APPARATUS FOR PLANT AND ITS DIAGNOSIS METHOD

 (31) Priority Document No (32) Priority Date (33) Name of priority country (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)Hitachi Ltd. Address of Applicant:6-6 Marunouchi 1-chome Chiyoda-ku Tokyo 100-8280 Japan Japan (72)Name of Inventor: 1)KUSUMI Naohiro 2)SEKIAI Takaaki 3)EGUCHI Toru 4)FUKAI Masayuki 5)SHIMIZU Satoru
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(57) Abstract:

A plant diagnosis device and a diagnosis method are thus provided to eliminate correlative discrepancies by taking the dead times of the process signals into account based on equipment information. The plant diagnosis device includes a monitoring control device which performs monitoring control based on the value of a measured signal obtained when an operational signal is given to the plant; a process computer which stores and processes the measured signals obtained from the plant; an fault predictor diagnosis device which diagnoses fault and predictors based on the values of the operational signals and of the measured signals; a database which stores the equipment information about the plant; and a function which estimates the dead time of a given process signal relative to a diagnosis result obtained from the fault predictor diagnosis device.

No. of Pages: 49 No. of Claims: 10

(21) Application No.9968/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/11/2012 (43) Publication Date: 12/02/2016

(54) Title of the invention: CONNECTOR CAP FOR PRIMING A TRANSFUSION LINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B27B :JP 2010-121570 :27/05/2010 :Japan :PCT/US2011/038100 :26/05/2011 :WO/2011/150184 :NA :NA	(71)Name of Applicant: 1)COVIDIEN LP Address of Applicant:15 Hampshire Street Mansfield MA 02048 U.S.A. (72)Name of Inventor: 1)MIYASAKA Susumu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a connector cap which can suppress leakage of fluid and a transfusion line connection apparatus for use with the connector cap. The connector cap includes a container having a first opening and a second opening; a seal member disposed in the first opening so as to separate the inside and the outside of the container the seal member including an insertion passage formed therethrough whereby an injection tube of a male connector can be inserted from the outside to the inside of the container; and a hydrophobic filter which is disposed in the second opening.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: RESIN COMPOSITION HEAT SEALABLE FILM AND LAMINATED FILM

(51) International classification :C08L23/08,C08L23/12,C08L23/14

(31) Priority Document No :2010127129 (32) Priority Date :02/06/2010 (33) Name of priority country :Japan

(86) International Application

No :PCT/JP2011/062274

Filing Date :27/05/2011

(87) International Publication :WO 2011/152324

No (61) Patent of Addition to NA

Application Number Filing Date :NA

(62) Divisional to Application
Number

Filing Data

:NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)DU PONT MITSUI POLYCHEMICALS CO. LTD.

Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor: 1)NAKANO Shigenori 2)SUZUKI Kaoru

A resin composition which comprises (1) at least one material that is selected from among ethylene $\cdot \alpha, \beta$ -unsaturated carboxylic acid copolymers and ionomers thereof and that has a melt flow rate of 0.5 to 6g/10min, (2) at least one material that is selected from among ethylene $\cdot \alpha, \beta$ -unsaturated carboxylic acid copolymers and ionomers thereof and that has a melt flow rate of 10 to 30g/10min, and (3) at least one material that is selected from among propylene homopolymer and copolymers of propylene and one or more other α -olefins, with the ethylene $\cdot \alpha, \beta$ -unsaturated carboxylic acid copolymers and the ionomers thereof being substantially free from structural units derived from α, β -unsaturated carboxylic esters.

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

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ODUFLEX RESIZING 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 	H04J14/00 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)CIENA CORPORATION Address of Applicant: 7035 Ridge Road Hanover, MD 21076, USA U.S.A. (72)Name of Inventor: 1)SUREK, Steven Arvo 2)NICHOLS, Jeffery Thomas 3)MOYNIHAN, Jeffrey Scott 4)CHHILLAR, Mohit
Filing Date (62) Divisional to Application Number	:NA :NA	5)PRAKASH, Anurag 6)YOUNG, Alexander Gurd
Filing Date	:NA	

(57) Abstract:

An Optical channel Data Unit flex (ODUflex) resizing method, node, and network include determining that the ODUflex needs resizing, wherein the ODUflex is configured in the network on a current path between the node and a second node in the network; when the resizing is a decrease, reducing a size of the ODUflex by i) a resize decrease operation using a control plane or ii) a Link Aggregation Group and Make-Before-Break operation; and, when the resizing is an increase, increasing a size of the ODUflex by i) a resize increase operation using a control plane or ii) a Link Aggregation Group and Make-Before-Break operation. The method provides hitless resizing without using ITU Recommendation G.7044/Y.1347 (10/11) and can perform the reducing or the increasing changing bandwidth of the ODUflex by approximately 100G in less than a second.

No. of Pages: 85 No. of Claims: 20

(21) Application No.9277/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

(51) International classification :C07D471/04,A61K31/437,A61P31/18

(31) Priority Document No :61/780179 (32) Priority Date :13/03/2013

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

country (86) International

Application No :PCT/US2014/022354

Filing Date :10/03/2014

(87) International Publication No :WO 2014/164409

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and Province Line Road

Princeton New Jersey 08543 U.S.A.

(72)Name of Inventor: 1)PEESE Kevin 2)WANG Zhongyu 3)KADOW John F.

4)NAD3U B. Narasimhulu

(57) Abstract:

The disclosure generally relates to compounds of formula (I) including compositions and methods for treating human immunodeficiency virus (HIV) infection. The disclosure provides novel inhibitors of HIV pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HIV infection.

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

(21) Application No.9278/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

(51) International classification :C07D487/04,A61P31/18,A61K31/519

(31) Priority Document No :61/779858 (32) Priority Date :13/03/2013

(32) Priority Date :13/03/201 (33) Name of priority country :U.S.A.

(86) International :PCT/US2014/022501

Application No
Filing Date

10/03/2014

(87) International Publication No :WO 2014/164467

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)BRISTOL MYERS SQUIBB COMPANY

Address of Applicant :Route 206 and Province Line Road

Princeton New Jersey 08543 U.S.A.

(72)Name of Inventor:

1)NAD3U B. Narasimhulu

2)PATEL Manoj 3)PEESE Kevin 4)WANG Zhongyu

(57) Abstract:

The disclosure generally relates to compounds of formula I, including compositions and methods for treating human immunodeficiency virus (HrV) infection. The disclosure provides novel inhibitors of HGn, pharmaceutical compositions containing such compounds, and methods for using these compounds in the treatment of H infection.

No. of Pages: 99 No. of Claims: 13

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM -WIDE CHECKPOINT AVOIDANCE FOR DISTRIBUTED DATABASE SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :61/799632 :15/03/2013 :U.S.A. :PCT/US2014/025311 :13/03/2014 :WO 2014/151260 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor: 1)GUPTA Anurag Windlass 2)MADHAVARAPU Pradeep Jnana 3)BURCHALL Laurion Darrell 4)FACHAN Neal
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(57) Abstract:

A database system may maintain a plurality of log records at a distributed storage system. Each of the plurality of log records may be associated with a respective change to a data page. Upon detection of a coalesce event for a particular data page, log records linked to the particular data page may be applied to generate the particular data page in its current state. Detecting the coalesce event may be a determination that the number of log records linked to the particular data page exceeds a threshold.

No. of Pages: 68 No. of Claims: 15

(21) Application No.9283/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IN PLACE SNAPSHOTS

(51) International classification	:G06F7/00	(71)Name of Applicant:
(31) Priority Document No	:61/794658	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:15/03/2013	Address of Applicant :P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/025262	(72)Name of Inventor:
Filing Date	:13/03/2014	1)GUPTA Anurag Windlass
(87) International Publication No	:WO 2014/151237	2)MADHAVARAPU Pradeep Jnana
(61) Patent of Addition to Application	:NA	3)MCKELVIE Samuel James
Number	:NA	4)FACHAN Neal
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A database system may maintain a plurality of log records at a distributed storage system. Each of the plurality of log records may be associated with a respective change to a data page. A snapshot may be generated that is usable to read the data as of a state corresponding to the snapshot. Generating the snapshot may include generating metadata that is indicative of a particular log identifier of a particular one of the log records. Generating the snapshot may be performed without additional reading copying or writing of the data.

No. of Pages: 69 No. of Claims: 15

(21) Application No.2273/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOAP BASED SUNSCREEN COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K8/35, A61Q17/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LTMOREAL Address of Applicant:14, rue Royale 75008, Paris, France, France (72)Name of Inventor: 1)NILMONI GHOSH 2)MAHESH BURSHE
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(57) Abstract:

The present invention relates to a composition comprising: a) one or more fatty acids selected from the group consisting of straight or branched saturated fatty acids in C8-C30, b) at least one basic agent, c) at least one lipophilic UV absorption agent, d) at least hydrophobic silica aerogel particles, and e) at least one aqueous phase.

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

(21) Application No.9271/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MEASUREMENT MODULE FOR A FUSE HOLDER BASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01H85/02 :13382082.9 :14/03/2013 :EPO :PCT/ES2014/070187 :14/03/2014	(71)Name of Applicant: 1)PRONUTEC S.A.U. Address of Applicant: Parque Empresarial Boroa Parcela 2C 1 E 48340 Amorebieta (Vizcaya) Spain (72)Name of Inventor: 1)GOMEZ BARBERO Jose Julio
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/140405 :NA :NA :NA :NA	

(57) Abstract:

The invention relates to a measurement module (100, 100, 101, 10, 100) for a fuse-holder base, which is very versatile, useful and optimised compared to existing measurement modules, requiring less space for cables. The measurement module (100, 100, 101, 10, 100) can be connected to output contacts (5, 5) of a fuse-holder base (1), to which at least one intensity transformer is assembled in order to provide at least one analog current measurement signal. In addition, the measurement module (100, 100, 101, 10, 100) comprises an analog to-digital converter (40) with at least one analog input (41) configured to receive the analog current measurement signal and with at least one digital connection port including at least one digital output (110).

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

(22) Date of filing of Application :09/06/2014

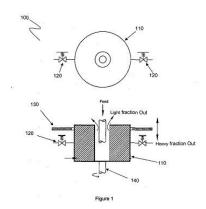
(43) Publication Date: 12/02/2016

(54) Title of the invention : INNOVATIVE ONLINE CENTRIFUGE WITH DYNAMIC HEAVY PART DISCHARGE AND AN APPARATUS FOR THE SAME

	:B04B	(71)Name of Applicant :
(51) International classification	1/00,	1)UMESH VENKATESH KULKARNI
	B04B5/06	Address of Applicant :D-1102, KUMAR KSHITIJ,
(31) Priority Document No	:NA	SAHAKARNAGAR 2, PUNE-411009, MAHARASHTRA,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)UMESH VENKATESH KULKARNI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The present invention provides a centrifugal separation comprising a rotating body rotatably body and at least one valve mounted on the rotating body. The rotating body rotates at a predetermined speed to generate centrifugal force required to separate suspended solids or heavy particle from the liquid. The valve is operated intermittently for removing the separated solids or heavy particles.



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

(21) Application No.2421/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A NOVEL MODIFIED RELEASE PHARMACEUTICAL COMPOSITION OF SITAGLIPTIN OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

:A61K9/20, A61K31/4985 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)WOCKHARDT LIMITED (32) Priority Date Address of Applicant :D-4, MIDC Area, Chikalthana, :NA (33) Name of priority country Aurangabad Maharashtra India :NA (86) International Application No (72) Name of Inventor: :PCT// Filing Date :01/01/1900 1)Kodgule, Mandar Madhukar (87) International Publication No : NA 2)Bansal, Amit (61) Patent of Addition to Application 3) Lalge, Manohar :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

(57) Abstract:

The present invention relates to a novel modified release pharmaceutical composition of sitagliptin or pharmaceutically acceptable salt thereof. In particular the present invention relates to a novel modified release composition of sitagliptin or pharmaceutically acceptable salt thereof that achieves desired minimum effective plasma concentration of the sitagliptin sufficient for effective glycemic control in patients with type 2 diabetes mellitus. A method of improving glycemic control in adults with type 2 diabetes mellitus and reducing or eliminating fluctuations in plasma concentration of sitagliptin is also provided by the present invention.

No. of Pages: 61 No. of Claims: 21

(21) Application No.2422/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A NOVEL MODIFIED RELEASE PHARMACEUTICAL COMPOSITION OF DPP-IV INHIBITORS OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(71) T	A C11721/00 A C1170/00	(711) BI CA II A
(51) International classification	:A61K31/00, A61K9/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(33) Name of priority country	:NA	Aurangabad Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Kodgule, Mandar Madhukar
(87) International Publication No	: NA	2)Bansal, Amit
(61) Patent of Addition to Application	:NA	3)Lalge, Manohar
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel modified release pharmaceutical composition of DPP-IV inhibitors or pharmaceutically acceptable salt thereof. In particular the present invention relates to a novel modified release composition of DPP-IV inhibitors or pharmaceutically acceptable salt thereof that achieves desired minimum effective plasma concentration of the DPP-IV inhibitor sufficient for effective glycemic control in subjects with type 2 diabetes mellitus. A method of improving glycemic control in adults with type 2 diabetes mellitus and reducing or eliminating fluctuations in plasma concentration of DPP-IV inhibitors is also provided by the present invention.

No. of Pages: 56 No. of Claims: 20

(22) Date of filing of Application :28/07/2014

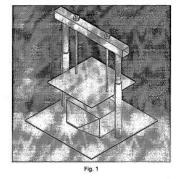
(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM FOR DEWATERING PAINT SLUDGE AND SEPARATING METALLIC AND NON-METALLIC CONTENT OF IT

(51) International classification	:E01C3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R&D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GANESH KASHINATH PATIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for separating metallic and non-metallic content of paint sludge and dewatering thereof. The said system comprises a pair De-sludger mechanism for Non-metallic& Metallic booth having mechanical scrapper blades, for separating out paint sludge, attached to sprockets & chain. Driven by the electrical geared unit. A differential type duct with pair of hoppers at one end, aligned to receive sludge from the said scrapper for metallic and non metallic sludge having the provision for easy attach & de-attach of paint Sludge bags at out let at other end, fitted vertically with said one end top between the said metallic and non-metallic booths. A limit switch provided at each of common sludge collection hopper for stopping for 3 sec to remove the water. A pneumatic pressing mechanism with pressure regulated ram provided to remove the remaining water content present in paint sludge Gunny bag. REFERENCE TO FIGURE 2



No. of Pages: 13 No. of Claims: 5

(22) Date of filing of Application :31/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: POLYURETHANE FOR AUTOMOTIVE SEAT DAMPER/GROMMET FITTED TO SEAT BASE

(74)	D 503 10 150	7127
(51) International classification	:B60N2/52	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Varroc Polymers Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant :Research and Development Center,
(33) Name of priority country	:NA	Varroc Polymers Pvt.Ltd., (VPPL-R&D), Plot No. M-138, 139,
(86) International Application No	:NA	MIDC, Industrial Area, Aurangabad Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Vikas Pramod Tyagi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention comprises a damper or seat pad or a grommet at the interphase between the Seat Base and the chassis of an automobile vehicle, that helps to subdue or dampening or dissipating effect of the shocks and rattling sound that emanates from seat base between the Seat Assembly and the chassis of the automobile while the automobile vehicle is running; wherein the damper or the grommet is made from Semi-Rigid Integral-Skin Polyurethane foam, and a method of making the grommet from Semi-Rigid Integral-Skin Polyurethane foam. The invention also comprises a Seat Assembly comprising a damper as described above.

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

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SEPARATING VALUABLE PETROLEUM PRODUCTS FROM CLARIFIED SLURRY OIL

(51) International classification	:C10G21/00, C10G73/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3rd Floor, Maker Chamber-IV, 222,
(33) Name of priority country	:NA	Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NAGARATHINAM SHENBAGA MURTHY
(61) Patent of Addition to Application	:NA	2)RATHOD VIRENDRA JIVRAJBHAI
Number		3)DESAI RAVISHANKAR VISHVASRAO
Filing Date	:NA	4)TALATI MAYUR NAVINCHANDRA
(62) Divisional to Application Number	:NA	5)LINTOAN JOHN
Filing Date	:NA	6)SINGH VISHNU

(57) Abstract:

The present disclosure provides a process for the separation of valuable petroleum products from clarified slurry oil by deep vacuum fractionation with gradual increase in temperature of the fractionation column. The rubber extender oil obtained is further processed to obtain rubber extender oil having less than 1 wt % asphaltene content and a PCA content of more than 3 wt %. The deep vacuum fractionation also produces other valuable products including lighter fractions (Diesel/LDO and/or Wash Oil), Cycle oil and petroleum pitch.

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

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

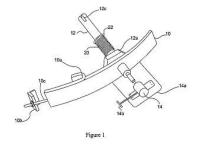
(43) Publication Date: 12/02/2016

(54) Title of the invention : A SYSTEM FOR ALERTING AND PREVENTING LEAKAGE OF COMBUSTIBLE GASES AND REPORTING AND MONITORING GAS LEVEL.

(51) International classification	:G06F15/19	(71)Name of Applicant :
(31) Priority Document No	:NA	1)REGENT R&D TECHNOLOGIES P. LTD
(32) Priority Date	:NA	Address of Applicant :645/1, C/O RASKAR PALACE,
(33) Name of priority country	:NA	RASKAR CAMPUS, BIBVEWADI MAIN ROAD,
(86) International Application No	:NA	BIBVEWADI, PUNE. MAHARASHTRA. 411037. Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AMOL PANJABRAO KORE
Filing Date	:NA	2)ASHISH CHANDRAKANT GAIKWAD
(62) Divisional to Application Number	:NA	3)KRISHNAKANT VASANTRAO RASKAR
Filing Date	:NA	

(57) Abstract:

The present invention provides a system for detecting, preventing and alerting on leakage of combustible gas, and reporting and monitoring gas level,. The system having a fixture secured, a coupling rod, a driving means, a first device and a second device. The fixture is secured on a cylinder of combustible gas. The coupling rod is retractably disposed on the fixture, a first end of the coupling rod is coupled with a knob of a combustible gas regulator. The driving means is connected to other end of the coupling rod. The first device is disposed on the cylinder and connected with the driving means, the first device capable of detecting gas leakage and operating the driving means to turn OFF the regulator on detecting leakage of the gas from the cylinder. The second device is coupled with the MCB switch and communicating with the first device, wherein the second device upon receiving triggers from the first device upon gas leakage, the second device alerts generates alerts and communicates to a predefined phone number by message and trips the MCB switch for cutting OFF electric supply.



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

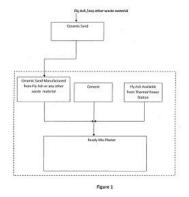
(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DRY READY MIX PLASTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	C04B 28/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)The Tata Power Company Limited Address of Applicant: A block 2nd floor, 34, Sant Tukaram Road, Carnac-Mumbai 400009, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)Nallathambi Kannan 2)Parag Railkar
\mathcal{E}		· ·
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter is directed to a dry ready mix plaster prepared using a combination of predetermined ratio of raw materials. The raw materials used are ceramic sand, cement, and fly ash. The ceramic sand is manufactured from fly ash; and the cement used is either Ordinary Portland Cement (OPC); or Portland Pozzolan Cement (PPC). The raw materials are mixed together in the ratio 60-80% of ceramic sand; 10-20% of cement; and 10-20% of fly ash. The mixture of raw materials prepared therein is then mixed with water to prepare and use as a plaster. The dry ready to use plaster prepared using the present composition of raw materials possess distinct characteristics such as, light in weight, easy to handle, good workability, good finish, ready to use, and less wastage of material, thus, making it a readily marketable product.



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

(21) Application No.2410/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ORAL PHARMACEUTICAL COMPOSITION OF LURASIDONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)LUPIN LTD. Address of Applicant:159, CST Road, Kalina, Santacruz (East), Mumbai 400 098, Maharashtra Maharashtra India (72)Name of Inventor: 1)AVACHAT, Makrand, Krishnakumar 2)KULKARNI, Suchet, Shireesh 3)SAWAI, Tushar, Shriram 4)GANDHI, Bipin, Raychand
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(57) Abstract:

Provided is an oral pharmaceutical composition comprising lurasidone or pharmaceutically acceptable salts thereof; one or more water-soluble pharmaceutical excipients, a disintegrating agent consisting essentially of a single disintegrating agent. The composition is free of starch. The present oral pharmaceutical composition of lurasidone or pharmaceutically acceptable salts of the invention exhibits an invariant level of dissolution even when the content of lurasidone or pharmaceutically acceptable salts thereof is varied.

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

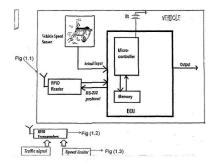
(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: TRAFFIC RULES VIOLATION DETECTION USING SENSORS

	G00G	7127
	:G08G	(71)Name of Applicant :
(51) International classification	1/00,	1)PRASAD MAHURKAR
	G08G1/09	Address of Applicant :201, UNIVERSAL MARVEL, NEW
(31) Priority Document No	:NA	SNEHA NAGAR, NAGPUR - 440015 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PRASAD MAHURKAR
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Traffic violations are a major problem. Monitoring these traffic violations by human intervention over a wider area is too complicated due to the increasing population. The main motive behind this paper is to reduce these reckless accidents for which we propose a system that governs and controls the speed of the vehicle without any direct inconvenience to the driver. There are instances where the speed of the automobile is beyond the expected speed limit or the driver does not obey the traffic signals. An RFID reader present in the vehicle senses the RFID tag linked with a red traffic light or senses the vehicle speed limit on the tag attached to the speed limit signboard. The Electronic Control Unit (ECU) present in the vehicle will then decide upon the required control measure by comparing the tag information with real time speed of the automobile. Finally the proposed speed control simulation techniques and electrohydraulic braking system is explained in detail.



No. of Pages: 11 No. of Claims: 8

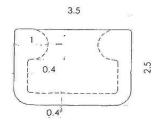
(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED ORTHODONTIC BRACKETS WITH PROTECTIVE DEVICE(CAPS

(51) International classification	:A61C 7/00, A61C 1/00	(71)Name of Applicant: 1)USTAD USMAN NISAR Address of Applicant: PLOT NO 12, SURVEY NUMBER 124/1B, BANKAR MALA, KHARJUL NAGAR, NEAR
(31) Priority Document No		GAJANAN PARK, CHEHEDI SHIV, NASHIK ROAD,
(32) Priority Date	:NA	NASHIK, MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)USTAD USMAN NISAR
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 is related to an orthodontic bracket system with protective device. More specifically, the present invention related to modification of orthodontic bracket with position to place the protective caps. The modified orthodontic bracket system with protective device prevents irritation of oral mucosa and enhances esthetics by camouflaging presence of metallic brackets. This modification in orthodontic bracket allows for placement of removable protective elastic caps or covers over bracket that covers the labial aspect of brackets.



Drawing No: 1

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

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: 5-NITROFURANYL-4-OXO-2-THIOXOTHIAZOLIDIN-3-YL DERIVATIVES FOR THE TREATMENT OF TUBERCULOSIS.

(51) International classification	:C07D 471/00	
(31) Priority Document No	:NA	Address of Applicant :RKDF INSTITUTE OF
(32) Priority Date	:NA	PHARMACEUTICAL SCIENCES, INDORE-DEWAS BYPASS,
(33) Name of priority country	:NA	ARANDIA, INDORE-452 016, MADHYA PRADESH, INDIA.
(86) International Application No	:NA	Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GUPTA REVATHI ARUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Thioxothiazolidine phenylacetamide Derivatives of the formula (1): and their pharmacologically acceptable salts are novel compounds, which exhibit an excellent antimycobacterial activity against M. Tuberculosis, and low toxicity and are of valuable therapeutic agent for the treatment of tuberculosis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2437/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: LONG ACTING OPHTHALMIC SUSPENSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	9/00 :NA :NA :NA	(71)Name of Applicant: 1)SUN PHARMA ADVANCED RESEARCH COMPANY LTD. Address of Applicant: 17B, Mahal Industrial Estate, OFF Mhakali Caves Road, Andheri (E) Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)Khopade Ajay Jaysingh
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	2)Halder Arindam
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an aqueous suspension comprising (a) reversible clusters of drug loaded nano-resin particles, said clusters have a D50 value of at least 2 micrometers and said drug loaded nano-resin particles have a particle size distribution characterized in that the D90 value is 70 nanometers to 900 nanometers, and (b) a suspending agent.

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

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A Novel Approach to Improve Bit Error Rate Performance of OFDM System

(51) International classification	:H03K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RATHKANTHIWAR, Shubhangi, Vikas
(32) Priority Date	:NA	Address of Applicant :GF-07, Arihant Arcade, Priyadarshini T
(33) Name of priority country	:NA	point, Hingna road, Nagpur 440036 Maharashtra, India.
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)RATHKANTHIWAR, Shubhangi, Vikas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

Aspects of the present application relate to development of new technique for signal detection in OFDM based transceiver system. OFDM system model of the present disclosure can be configured in wireless communication system to increase the resistance of the system against nonlinear distortion, interference among frequency channel, RF impairments and fading multipath problems and provides improved bit error performance by reducing in band distortions. Present disclosure can also be used to reduce the problem of spectral out of band re-growth. Additionally, as frequency band allotted to operators is limited, and such limited band is used for serving a huge geographical area, aspects of the present application provide signal detection techniques with improved bit error rate performance and reduced spectral re-growth of the system with available band of frequency. According to one embodiment, in order to compensate above-mentioned drawbacks and to improve performance of the incorporating system, soft computing technique based on artificial neural networks can be introduced and configured to apply concepts of vector quantization to migratory signal, adopt supervised learning with competitive feature, derive meanings from complex and imprecise data. Neural networks learn adaptively and can perform tasks, which are based on experiences from past works.

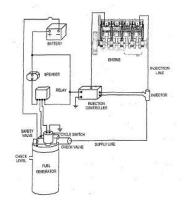
No. of Pages: 39 No. of Claims: 9

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONTINUOUS DECARBONIZATION IN I.C. ENGINE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	:F02B77/04, F02M35/10, F02M65/00 :NA :NA :NA	(71)Name of Applicant: 1)BHAGWAT RAJARAM PATIL Address of Applicant: 24, PASAYDAN, MITRANAGAR, NEAR KHAJAMIYA, JALGAON, MAHARASHATRA-425001. Maharashtra India (72)Name of Inventor: 1)BHAGWAT RAJARAM PATIL 2)BBADEER BAMCHANDRA MAHAJAN
Application No Filing Date	:NA	2)PRADEEP RAMCHANDRA MAHAJAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:



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

(22) Date of filing of Application :01/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATIC FAULT RECOVERYAND TRUE OUTPUT EXTRACTION DURING HIGH LEVEL SYNTHESIS

(51) International classification	:H04B7/212, H04J3/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, INDORE
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Technology, Indore,
(33) Name of priority country	:NA	PACL Campus, Near Veterinary College, Survey No. 113/2-B,
(86) International Application No	:PCT//	Mhow, MP, India, PIN: 453441 and also having a place of
Filing Date	:01/01/1900	business at IET DAVV Campus, M Block, Khandwa Road,
(87) International Publication No	: NA	Indore, MP, India, PIN: 452017 Madhya Pradesh India
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)SENGUPTA, Anirban
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and method for transient fault isolation, hardware Trojan fault detection/isolation and true output extraction during high level synthesis of at least one other system are disclosed. The present invention discloses an efficient and cost effective equivalent circuit system with Double Modular Redundancy (DMR) scheme to isolate a correct output. In one implementation, the present invention provides a system comprising at least one comparator means (904), at least one OR-ing means (906), and at least one multiplexer means (908).

No. of Pages: 43 No. of Claims: 16

(21) Application No.2479/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014 (43) Publication Date : 12/02/2016

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

(51) International classification	:C07H19/16, C07H1/02, C07H19/06	(71)Name of Applicant: 1)LUPIN LIMITED
(31) Priority Document No	:NA	Address of Applicant :159 CST Road, Kalina, Santacruz
(32) Priority Date	:NA	(East), Mumbai-400 098, State of Maharashtra, India Maharashtra
(33) Name of priority country	y:NA	India
(86) International	:PCT//	(72)Name of Inventor:
Application No	:01/01/1900	1)ROY, Bhairab, Nath;
Filing Date		2)SINGH, Girij, Pal;
(87) International Publication	l . NIA	3)SHRIVASTAVA, Dhananjai;
No	: NA	4)MEHARE, Kishor, Gulabrao;
(61) Patent of Addition to	:NA	5)MALIK, Vineet;
Application Number	:NA	6)DEOKAR, Sharad, Chandrabhan;
Filing Date	:NA	7)DANGE, Abhijeet, Avinash;
(62) Divisional to	.NI A	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention pertains to process for preparing nucleoside phosphoramidate and its intermediate. The present invention provides novel intermediate, its process for preparation and its use for the preparation of Sofosbuvir.

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

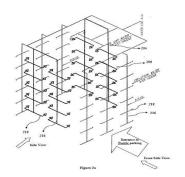
(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A METHOD AND SYSTEM TO EXTINGUISH FIRE IN A DYNAMICALLY CHANGING COMPLEX STACK ENVIRONMENT.

(51) International classification	:A62C5/02, A62C35/00,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEEPAK PRADHAN
(32) Priority Date	:NA	Address of Applicant :602, 6TH FLOOR, DOLI
(33) Name of priority country	:NA	CHAMBERS, BEHIND STRAND CINEMA, COLABA,
(86) International Application No	:NA	MUMBAI - 400005 Maharashtra India
Filing Date	:NA	2)ZYGMUNT MAREK LADA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)DEEPAK PRADHAN
Number	:NA	2)ZYGMUNT MAREK LADA
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fire extinguishing system is disclosed for stationary parking platforms, wherein vehicle ingress and egress is carried out through a vertically and horizontally moving mechanical, hydraulic or robotic pallet. A plurality of primary fluid conduits and secondary fluid conduits are installed at each level of parking. The fire extinguishing system utilizes a plurality of nozzles placed collaterally along the length of the each secondary fluid conduits within the each occupancy unit to generate a fluid mist of about 25 micron to about 80 micron at a fluid operating pressure of about 12 bar to about 22 bar.



No. of Pages: 33 No. of Claims: 12

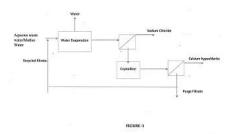
(22) Date of filing of Application :29/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A NOVEL PROCESS FOR RECOVERY OF CALCIUM HYPOCHLORITE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C01F11/28 :NA :NA :NA	(71)Name of Applicant: 1)GEIST Research Private Limited Address of Applicant: L-9A, Phase-1, Verna Industrial Estate, Verna, Goa, India Goa India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Sanjay Jain
(87) International Publication No	: NA	2)Mr. Vikram Dhumal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel process to recover a high strength Calcium Hypochlorite from aqueous waste water stream by selective crystallization of sodium chloride and calcium hypochlorite by changing process parameters such as pressure, temperature, mixing etc. The main advantage of the present invention is related to production process for recovery of Calcium Hypochlorite from the mother water stream/ aqueous waste water stream generated from Calcium Hypochlorite production process thus improving the overall yield of the production process.



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

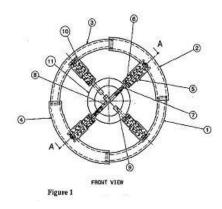
(22) Date of filing of Application :25/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMOBILE STEERING WHEEL WITH VARIABLE DIAMETER MECHANISM.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1/00 :NA :NA :NA	(71)Name of Applicant: 1)MR. PRANAV ANIL SHINDE Address of Applicant: 27/1/2, ROW HOUSE NO 20, INDRAPRASTHA SOCIETY, NEAR RAJAS SOCIETY KATRAJ, PUNE 411046, MAHARASHTRA STATE, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. PRANAV ANIL SHINDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an automobile steering wheel with variable diameter mechanism for changing the diameter of steering wheel. The said mechanism consists 4 flexible members '1','2','3' and '4' which are forced in and out to change the diameter. Said coaxial sliding members '5' and '6' assist the 4 members to change the diameter without losing structural integrity of the mechanism. Said spring MO' ensures enough force to make the steering wheel retract when lever '8' is disengaged from ratchet '7' When the members '2' and '4' are forced in by the operator the other two members '1' and '2' get slides in and the diameter is reduced. During this operation the ratchet is moved further and gets lock into the lever. When the diameter has to be increased the lever '8' is pulled up causing the ratchet '7' to get free and springs '10' force the members outwards increasing the diameter.



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

(21) Application No.2494/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DOUBLE CUT SCISSOR FOR PLASTIC PULVERIZER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)PANCHAL PARESH BACHUBHAI
(32) Priority Date	:NA	Address of Applicant :B/303,PARAS GALAXY
(33) Name of priority country	:NA	RECIDENCY NR.SHUBHAM BUNGLOWS HARIDARSHAN
(86) International Application No	:PCT// /	CROSS ROAD, NAVA NARODA :382330 GUJARAT, INDIA
Filing Date	:01/01/1900	Gujarat India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application NumberFiling Date	:NA :NA	1)PANCHAL PARESH BACHUBHAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Abstract In the DOUBLE CUT SCISSOR FOR PLASTIC PULVERIZER, first, plastic granules are load from hopper (1), which is further entered into double cut scissor blades mill(2) for cutting and grinding plastic granules, which is further transfer by blower (c) provided into Cyclone (4) through suction pipe (3). Rotary valve (5) is provided under the cyclone (4) to pass moisture free powder into vibration screen, wherein vibration screen is used to segregation of fine quality powder for the further use and other remaining powder is go back to Hooper. In the present invention, penal board is provided to operate the machine and motor is used for continuously rotate the blades.

No. of Pages: 14 No. of Claims: 3

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ARRANGEMENT FOR MOUNTING AN ANTI-THEFT DEVICE ON A MOTORCYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:B62H5/20, B62H5/02 :NA :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)BAJAJ AUTO LIMITED Address of Applicant: Akurdi, Pune 411035, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)DHOKALE SATISH MACHINDRANATH 2)BHATNAGAR ROHIT YATENDRA 3)PATWARDHAN VIVEK NILKANTH
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(57) Abstract:

An arrangement for mounting an anti-theft device on a two wheeled vehicle is disclosed. The vehicle is provided with a supplementary frame for mounting at least one of a front cowl and headlight arrangement. The supplementary frame has members on which the anti-theft device can be mounted. After mounting the headlight and the front cowl on the frame structure, these components partially cover the anti-theft device. Therefore additional covers are not required to protect the anti-theft device. The anti-theft device may include a GPS device configured to transmit location information of the vehicle. Additionally, the anti-theft device may also include an alarm. The alarm is triggered when the GPS device is tampered with or it is sensed that the motorcycle is about to be stolen (reference figure 1).

No. of Pages: 22 No. of Claims: 16

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

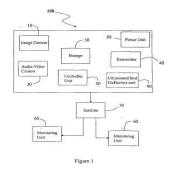
(43) Publication Date: 12/02/2016

(54) Title of the invention : A SYSTEM FOR REAL-TIME SURVEILLANCE, TRACKING, MONITORING AND REPORTING STATUS OF AN AIRCRAFT

No :NA Filing Date (87) International Publication :NA No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application :NA Number Filing Date (64) Patent of Application :NA Filing Date (65) Divisional to Application :NA Filing Date (66) Patent of Addition to :NA Filing Date (67) Divisional to Application :NA Filing Date (68) Divisional to Application :NA Filing Date	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	n:NA :NA :NA 1:NA :NA :NA :NA :NA	Address of Applicant:645/1, C/O RASKAR PALACE, RASKAR CAMPUS, BIBVEWADI MAIN ROAD, BIBVEWADI, PUNE, MAHARASHTRA, 411037. Maharashtra India (72)Name of Inventor: 1)KADAMBARI KRISHNAKANT RASKAR 2)KRISHNAKANT VASANTRAO RASKAR 3)AMOL PANJBRAO KORE 4)ASHISH CHANDRAKANT GAIKWAD
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(57) Abstract:

The present invention provides a system for real-time surveillance, tracking, monitoring and reporting status of an aircraft. The system having an image camera, an audio video camera a storage, a communication module and a controller unit. The image camera is provided for capturing images of the aircraft. The audio video camera is provided for capturing video with audio recording of the aircraft. Further, the image camera and the audio video camera are disposed on a vertical tail fin of the aircraft, thereby enabling to capture images and audio-video of entire top portion of the aircraft. The storage is provided for storing captured images and audio-video files. The communication module is provided for transmitting data to a communication satellite. The controller unit connected to the image camera, the audio-video camera and the communication module for controlling operation thereof. The captured images, audio-video data and the coordinates of the planes received from monitoring device of the aircraft are stored in the storage the system and the controller unit enables to collect data from the storage and transmitted the data though the communication module to the satellite, further the data from the satellite is sent to plurality of monitoring units.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: YARN SUITABLE FOR KNITTING FIBRICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D04B 15/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV, 222, Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)RAKSHIT ANUP KUMAR 2)PALIT SUBRATA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SHARMA MAHESH 4)MANE BHALCHANDRA RAMCHANDRA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention disclosed in the present disclosure relates to a yarn comprising a blend of (A) polyester fibre having shrinkage capacity in the range of 20 to 22 % and (B) a polyester fibre having shrinkage capacity in the range of 2 to 3 % (B), the shrinkage capacities being measured at a temperature of 130 oC. The shrinkage capacity of the yarn of the present disclosure ranges from 15 to 18 % and the ratio of A to B ranges from 1:2 to 1:0.5.

No. of Pages: 10 No. of Claims: 9

(22) Date of filing of Application :01/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF SUNITINIB

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D403/06, A61K31/404 :NA :NA :NA :NA :NA	1)CIPLA LIMITED Address of Applicant: Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, Maharashtra. India. Maharashtra India (72)Name of Inventor:
	:NA : NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a simple process for the preparation of highly pure intermediate compound 5-formyl-2,4-dimethyl-lH-pyrrole-3-carboxylic acid (2-diethylaminoethyl) amide through acid-base treatment. The invention further provides use of 5-formyl-2,4-dimethyl-lH-pyrrole-3-carboxylic acid (2-diethylaminoethyl) amide for the preparation of substantially pure sunitinib or pharmaceutically acceptable salts • thereof

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

(22) Date of filing of Application :01/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM AND METHOD FOR FORECASTING A TIME SERIES DATA

(51) International classification	:G06F15/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)HEDA, Ashish
(87) International Publication No	: NA	2)AIRANI, Rajeev
(61) Patent of Addition to Application Number	:NA	3)SAXENA, Avneet
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System and method for forecasting a time series data is disclosed. The method comprises receiving a historical time-series data comprising a series data and a non-stationary series data. The historical time-series data is processed to obtain a unified time series data. On the unified time series data, a data distribution is plotted and the data distribution is validated based upon a rate function associated with a Large Deviation Theory (LDT). The unified time series data is split validated into vectors based on autocorrelation function (ACF). The unified time series data is further validated. A mixture of Gaussian distribution models is applied and weights are assigned to each of the Gaussian distribution model. By controlling the weights based upon various what-if scenarios, a resultant Gaussian time series data is generated. The resultant Gaussian time series data indicates forecasted time series data of the historical time series data.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :25/07/2014

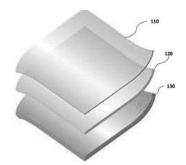
(43) Publication Date: 12/02/2016

(54) Title of the invention : INNOVATION FOR REVERSE PRINTED HEAT SEALABLE IN MOULD LABEL USED IN MOULDING PROCESS OF PLASTIC COMPONENTS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	45/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. KIRAN M. SHAH Address of Applicant:802/803, PARK SIDE-2, RAHEJA ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL PARK, BORIVALI EAST, MUMBAI - 400066 MAHARASHTRA, INDIA. Maharashtra India
Filing Date (87) International Publication No	:NA : NA	2)MRS. PIYALI BHOWMIK SARKAR (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)MR. KIRAN M. SHAH 2)MRS. PIYALI BHOWMIK SARKAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In accordance with an aspect of the present invention, a reverse printed in-mold label is provided. The invention includes a transparent film with one surface printed by a required design and another surface coated with an in-mold adhesive coating so as to achieve sealing properties on the transparent film. The invention then includes shaping of the transparent film with a desired shape to form a label. In an embodiment the in-mold adhesive coating is selected on a basis of required molding process so as to fuse or bond the transparent film with a formed object in the molding process.



No. of Pages: 24 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HIGH LIFT GENERATING AEROFOIL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B64C3/50 :NA :NA :NA :PCT//	(71)Name of Applicant: 1)Dr. RAJAN J. BHATT Address of Applicant: 5, SANIDHYA DUPLEX, NEAR RAJESH TOWERS, OFF. GOTRI ROAD, BARODA GUJARAT - INDIA Gujarat India
Filing Date		(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. RAJAN J. BHATT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A High Lift Generating Aerofoil constructed for serving as fuselage of an aircraft having vertices as listed in Table and shown in the figure having a larger cross sectional area (6) per unit of chord length (1) and positive camber (7) throughout the chord length (1). It has maximum camber of 4.76% located at .38C (38% of chord) from the Leading edge (4) and maximum thickness of 19.23% located at .34C (34% of chord) from the Leading edge (4). The Aerofoil has a high lift coefficient and a low drag coefficient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2448/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ACTIVE FUSELAGE FOR AIRCRAFT

(51) International classification	·R64C1/26_R64C3/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. RAJAN J. BHATT
(32) Priority Date	:NA	Address of Applicant :5, SANIDHYA DUPLEX, NEAR
(33) Name of priority country	:NA	RAJESH TOWERS, OFF. GOTRI ROAD, BARODA GUJARAT
(86) International Application No	:PCT// /	- INDIA Gujarat India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. RAJAN J. BHATT
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fuselage of aircraft constructed on the shape of an aerofoil, generating higher lift. The chord (9) of the aerofoil forms a longitudinal axis of the fuselage which has a leading edge (3) and a trailing edge (4) having radii (7 & 8), as per the size of an aircraft. The aircraft fuselage has a rectangular cross section (15) at all points along the longitudinal axis (9) and whose both side walls (5) are flat and reveal an identical, mirrored 2D aerofoil profile in side view. The aircraft fuselage whose width (17) is uniform and constant over the entire length and side wall surfaces (5) which are profiled in the shape of an aerofoil with a significant positive camber (10).

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

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PROCESS FOR OBTAINING FLURBIPROFEN WITH HIGH PURITY

		(71)Name of Applicant:
(51) International classification	:C07C51/02, C07B57/00	1)FDC LIMITED
(31) Priority Document No	:NA	Address of Applicant :142-48, S.V. Road, Jogeshwari (West),
(32) Priority Date	:NA	Mumbai - 400 102, Maharashtra, India. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)CHANDAVARKAR, Mohan Anand
Filing Date	:01/01/1900	2)IYER, Ramkrishnan Ramachandran
(87) International Publication No	: NA	3)JOSHI, Vinay Anant
(61) Patent of Addition to Application	:NA	4)KANEKAR, Santosh Anant
Number	:NA	5)GIRKAR, Arvind Tukaram
Filing Date	:INA	6)KARVE, Yogendra Vishnu
(62) Divisional to Application Number	:NA	7)PATIL, Milind Shinde
Filing Date	:NA	8)PATIL, Tushar Prabhakar
		9)NORONHA, Dujon Norbert

(57) Abstract:

ABSTRACT: The present invention discloses an improved process for obtaining Flurbiprofen with high purity.

No. of Pages: 15 No. of Claims: 5

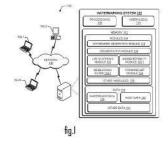
(22) Date of filing of Application :29/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DIGITAL WATERMARKING

(51) International classification	:G06T 1/00, G06K19/14, G07F7/10	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)CHALAMALA, Srinivasa Rao
Filing Date	:NA	2)KAKKIRALA, Krishna Rao
(87) International Publication No	: NA	3)GARLAPATI, Bala Mallikarjunarao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System(s) and method(s) for embedding and extracting a watermark from a digital media are described. The method may include embedding a set of watermark bits in a NN block of the digital media based on a local binary pattern (LBP) synthesis process. The LBP synthesis process comprises changing a value of a neighbor of a central pixel of the NN block to make the value of the neighbor greater than a value of the central pixel when a watermark bit corresponding to the neighbor is '1' and changing the value of the neighbor of the central pixel to make the value of the neighbor lesser than the value of the central pixel when the watermark bit corresponding to the neighbor is '0'.



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

(22) Date of filing of Application :30/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A DUST EJECTION SYSTEM FOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F01N5/04, F01N1/14, :NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)FLEETGUARD FILTERS PVT. LTD. Address of Applicant: "Kirloskar House™, 100, Anand Park, Aundh, Pune 411 007, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)DHAM TARUN HARIVANSHLAL 2)GAIKWAD YOGESH KALURAM
` '	:NA :NA :NA :NA	

(57) Abstract:

The present disclosure envisages a dust ejection system. The system in accordance with the present disclosure comprises an air cleaner with a dust bowl. The dust bowl collects dust filtered from air disposed within the air cleaner. A venturi is also present in the system which has a substantially middle portion connected to the dust bowl. This venturi further has an inlet and an outlet. The system further comprises a pressure reducer disposed in vicinity of the inlet of the venturi. Where, in an operative configuration, the pressure reducer reduces pressure in the venturi thereby facilitating suction of the dust from the dust bowl and further facilitating ejection of the dust through the outlet of the venturi.

No. of Pages: 19 No. of Claims: 6

(22) Date of filing of Application :25/07/2014

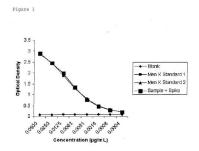
(43) Publication Date: 12/02/2016

(54) Title of the invention : HIGHLY SENSITIVE IMMUNOASSAY FOR RAPID QUANTIFICATION OF MENINGOCOCCAL CAPSULAR POLYSACCHARIDE ANTIGENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	39/00, G01N 33/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SERUM INSTITUTE OF INDIA LTD. Address of Applicant: 212/2, Off Soli Poonawalla Road, Hadapsar, Pune 411 028, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)KALE SAMEER MANOHAR 2)SHARMA PANKAJ KESHAV 3)GAIROLA SUNIL JAGDISHPRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the field of immunoassays for Gram negative bacteria, in particular N. meningitidis. The invention provides a simple and affordable immunoassay to quantitate polysaccharides in meningococcal vaccines for the evaluation of antigen content and lot-to-lot manufacturing consistency. The inventors have found a Sandwich ELISA that can be applicable for the quantitation and identification of N.meningitidis serogroup X polysaccharide in a multivalent meningococcal polysaccharide-protein conjugate vaccine as well as in a multivalent meningococcal plain polysaccharide vaccine. Said assay employs a polyclonal antibody as capture antibody and a novel monoclonal antibody against serogroup X polysaccharide as detection antibody. Further the assay is rapid, robust and reproducible.



No. of Pages: 37 No. of Claims: 26

(22) Date of filing of Application :01/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : MESH TRANSFORMATIONS FOR SIMULATION OF MANUFACTURING PROCESSES AND PRODUCTS

(51) International classification	:G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VALE, Sushant S
(87) International Publication No	: NA	2)REDDY, Sreedhar S
(61) Patent of Addition to Application Number	:NA	3)GAUTHAM, B P
Filing Date	:NA	4)SINGH, Amarendra Kumar
(62) Divisional to Application Number	:NA	5)YEDDULA, Raghavendra Reddy
Filing Date	:NA	

(57) Abstract:

A method and system is provided for transforming mesh for simulating manufacturing processes and products. The present application provides a method and system for transforming mesh for simulating at least one manufacturing process and at least one product comprises of selecting one or more transformation rules; executing the selected one or more transformation rules for obtaining a transformation chain; and executing the obtained transformation chain for obtaining a transformed mesh data using a transformation engine.

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

(21) Application No.2423/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A process for the preparation of intermediate of azole derivative

(51) International classification	:C07D521/00, C07C59/115	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(33) Name of priority country	:NA	Aurangabad Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)Khunt, Rupesh Chhaganbhai
(87) International Publication No	: NA	2)Rafeeq, Mohammad
(61) Patent of Addition to Application	:NA	3)Merwade, Arvind Yekanathsa
Number	:NA	4)Deo,Keshav
Filing Date	.IVA	
(62) Divisional to Application Number	::NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of intermediate of azole derivative. Further, the present invention relates to a process for the preparation of (2R)- 2^{TM} , 5^{TM} -difluoro-2-(3,4,5,6-tetrahydro-2H-pyran-2-yloxy)-propiophenone or a pharmaceutically acceptable slat thereof, which is a key intermediate of Isavuconazole

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :26/07/2014 (43)

(43) Publication Date: 12/02/2016

(54) Title of the invention: A process for the preparation of isavuconazonium iodide hydrochloride

(51) International classification	:C07C 51/00, C07C 17/00	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Khunt, Rupesh Chhaganbhai
(33) Name of priority country	:NA	2)Rafeeq, Mohammad
(86) International Application No	:PCT//	3)Merwade, Arvind Yekanathsa
Filing Date	:01/01/1900	4)Deo,Keshav
(87) 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 the process for the preparation isavuconazonium iodide hydrochloride, having purity more than 99%. A further aspect of the present invention relates to conversion of isavuconazonium iodide hydrochloride to isavuconazonium or a pharmaceutically acceptable salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2425/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: An improved process for the preparation of highly pure Pidotimod

(51) International classification (31) Priority Document No.	:A61K31/427, A61P37/04, A61K47/02	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana,
(32) Priority Date (33) Name of priority country (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 :PCT// :01/01/1900 : NA :NA :NA :NA :NA	Aurangabad Maharashtra India (72)Name of Inventor: 1)Sinha, Rohit Kumar 2)Rafeeq,Mohammad 3)Merwade, Arvind Yekanathsa 4)Deo, Keshav

(57) Abstract:

The present invention relates to an improved process for the preparation of Pidotimod, substantially free of impurities, to get high yield and purity.

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

(21) Application No.2426/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF TREATING BACTERIAL INFECTIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/519 :NA :NA :NA	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(86) International Application No Filing Date	:PCT// :01/01/1900	(72)Name of Inventor : 1)Patel, Anusuya
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	2)Patel,Mahesh Vithalbhai
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of treating bacterial infections in a diabetic subject, said method comprising administrating high dose of Cephalosporin antibacterial agent or pharmaceutical acceptable derivative thereof, wherein said Cephalosporin exhibits altered pharmacokinetic parameters in a diabetic subject.

No. of Pages: 24 No. of Claims: 10

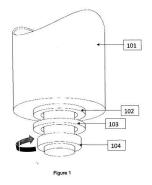
(22) Date of filing of Application :29/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CENTRIFUGE WITH MAGNETIC LEVIATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16C 32/00, F04D29/28, F04D25/08 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)UMESH VENKATESH KULKARNI Address of Applicant: D- 1102, KUMAR KSHITIJ, SAHAKARNAGAR 2, PUNE 411009, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)UMESH VENKATESH KULKARNI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT A MAGNETIC LEVITATION SYSTEM FOR REDUCING LOAD ON BEARINGS OF A ROTATING BODY The present invention provides a magnetic levitation system for reducing load on bearings of a rotating body having a shaft. The system comprises a first magnet adapted fixedly on the shaft of the rotating body and a second magnet adapted as a stationary magnet and mounted below the first magnet. The first and second magnets are arranged in such a way that similar poles of the first magnet and the second magnet faces towards each other repelling each other thereby reducing load being exerted on the bearing of the rotating body. This increases the life of the bearings and reduces electricity consumption. The magnetic levitation system as depicted in the present application can be used for any rotating bodies, including but not limited to centrifuges, rolling mills, automotive vehicles, transportation belts used in the various industries and the like. Reference figure: Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2432/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A YARN FOR WOVEN FABRICS

	.D02D	(71) Nome of Applicant
(51) International classification	:D03D 11/00.	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED
(51) International classification	D02G1/02.	
(31) Priority Document No	:NA	Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RAKSHIT ANUP KUMAR
Filing Date	:NA	2)PALIT SUBRATA
(87) International Publication No	: NA	3)SHARMA MAHESH
(61) Patent of Addition to Application Number	:NA	4)MANE BHALCHANDRA RAMCHANDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a yarn having shrinkage capacity in the range from 12 to 15%. The yarn comprises a blend of (A) a polyester fibre having shrinkage capacity in the range of 20 to 22 % at a temperature of 130 oC and (B) a polyester fibre having shrinkage capacity in the range of 2 to 3 % at a temperature of 130 oC, in a ratio from 1:5 to 1:2. The present disclosure also relates to a woven fabric comprising the yarn of the present disclosure.

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

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3199/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014

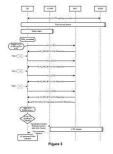
(43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD TO IMPROVE THE CIRCUIT SWITCHED SERVICES AVAILABILITY TO THE USER

(51) International classification :H04W,I	H041 (71)Name of Applicant:
(31) Priority Document No :NA	1)SAMSUNG R&D INSTITUTE INDIA-BANGALORE
(32) Priority Date :NA	PRIVATE LIMITED
(33) Name of priority country :NA	Address of Applicant :# 2870, Orion building, Bagmane
(86) International Application No :NA	constellation Business park, Outer Ring Road, Doddanakundi
Filing Date :NA	Circle, Marathahalli post, Bangalore 560 037, Karnataka, India
(87) International Publication No : NA	Karnataka India
(61) Patent of Addition to Application Number :NA	(72)Name of Inventor:
Filing Date :NA	1)BIRADAR, Anand
(62) Divisional to Application Number :NA	2)BHAT, Bharat
Filing Date :NA	

(57) Abstract:

METHOD OF IMPROVING CIRCUIT SWITCHED SERVICE AVAILABILITY TO USER EQUIPMENT The present invention describes a method of improving circuit switched (CS) services availability to user equipment. In one embodiment, the method includes sending, by a user equipment (UE), at least one location area update (LAU) message to initiate a location update procedure to a CS core network (CN); determining a CS signaling connection which is released due to a failure in the location update procedure; identifying an ongoing packet switched (PS) signaling connection when the CS signaling connection is released; releasing the identified ongoing PS signaling connection; and performing a public landline mobile network (PLMN) selection for obtaining CS services from the network in response to releasing the identified ongoing PS signaling connection. Thus, the present invention provides continuous CS services to the UE even in case of abnormal scenarios. Upon successfully updating the location area with the selected PLMN, the UE can avail both PS and CS services from the core network. Figure 3



No. of Pages: 23 No. of Claims: 7

(21) Application No.3281/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A NOVAL WATER BASED METAL WORKING FUID COMPOSITION

(51) International classification	:C10M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.S. RAVI
(32) Priority Date	:NA	Address of Applicant :#3, 17TH CROSS, K.R. ROAD,
(33) Name of priority country	:NA	INDUSTRIAL LAYOUT, BANASHANKARI 2ND STAGE,
(86) International Application No	:NA	BANGALORE - 560 070 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G.S. RAVI
(61) Patent of Addition to Application Number	:NA	2)PALANI BASKAR
Filing Date	:NA	3)PAYAL D KALK
(62) Divisional to Application Number	:NA	4)DEEPTI BAPAT
Filing Date	:NA	

(57) Abstract:

This invention is a composition of an ester resulting from the reaction of an oligomer of ethylene oxide in presence of a catalyst, with fatty acids. The resulting water based metal working fluid additive is useful as it imparts property of stable micro-emulsion and helps improving the wear life, coefficient of friction and other tribological properties among other uses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3282/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: POWER CASCADING SYSTEM

(51) International classification	:C12C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)B.N. JAGADEESHA
(32) Priority Date	:NA	Address of Applicant :NO. 12, DHANALAKSHMI STREET,
(33) Name of priority country	:NA	JANAKI NAGAR, VALASARAVAKKAM, CHENNAI - 87
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)B.N. JAGADEESHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		4

(57) Abstract:

The present invention is a power cascading system used in breweries, diary plant, and wherever large scale air conditioning system is used. In breweries the requirement of power is highly varying between 20 to 80%. There may be about 12 beer tank in a large scale brewery. Here a single VFD or Variable frequency drive is used to switch on a series of compressor and maintain an uniform temperature in all the beer tanks. The cooling system basically contains a single glycol pump, a series of beer tanks, series of compressors which in turn is connected to condenser. Usually the Compressor Switches on based on the variation in temperature. But in this system the variation of pressure is detected. The variable frequency drive(VFD) switches on the Compressor one after another like a cascade automatically based on the requirement of cooling for beer. In power cascading system any compressor can be a master. A master means the Compressor to which variable frequency drive VFD is attached and that controls all other compressors. VFD can also be used wherever the load is highly variable.

No. of Pages: 19 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3283/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DESUPERHEATER

(51) International classification	:F25B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)B.N. JAGADEESHA
(32) Priority Date	:NA	Address of Applicant :NO. 12, DHANALAKSHMI STREET,
(33) Name of priority country	:NA	JANAKI NAGAR, VALASARAVAKKAM, CHENNAI - 87
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)B.N. JAGADEESHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a Desuperheater that can be used in large scale refrigeration plants such as Breweries, Diary Plant, Hotels, Malls, etc., It particularly reduces temperature of superheated AMMONIA and in the process generates hot water that can be circulated in the steam plant or wherever hot water is required. In this process the water is heated at a loss of 15 °C A T. The invention discloses a Desuperheater with Plate Heat Exchanger, inlets, Outlets, Bye Pass valves that are connected to compressor, condenser and Control valves. The Desuperheater reduces load of condenser, generates hot water, prevents loss of heat to the atmosphere and saves power.

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

(21) Application No.3203/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF DEGARELIX ACETATE

(51) International classification	:C07K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AURO PEPTIDES LTD
(32) Priority Date	:NA	Address of Applicant :THE WATER MARK BUILDING,
(33) Name of priority country	:NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY,
(86) International Application No	:NA	HYDERABAD - 500 084 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AGASALADINNI NAGANA GOUD
(61) Patent of Addition to Application Number	:NA	2)MOHAMMED ABDUL SHAFEE
Filing Date	:NA	3)MALEPATI KISHORE KUMAR
(62) Divisional to Application Number	:NA	4)SANDIP BALASAHEB ADAK
Filing Date	:NA	

(57) Abstract:

A process for the preparation of Degarelix or a pharmaceutically acceptable salt thereof; using liquid phase peptide synthesis (LPPS) by azide method proceeds via the coupling of suitable N-terminal peptide hydrazide with suitable C-terminal peptide.

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : AN APPARATUS AND METHOD BASED ON ONE'S COMPLEMENT SUBTRACTION RECODING TECHNIQUE OF INTERGER IN ELLIPTICAL CURVE CRYPTOGRAPH FOR THE WIRELESS SENSOR NETWORK PLATFORM

		(71)Name of Applicant:
(#4) Y	***	1)PROF. DR. PRITAM GAJKUMAR SHAH SRI
(51) International classification	:H04L	VENKATESHWARA COLLEGE OF ENGINEERING
(31) Priority Document No	:NA	BANGALORE
(32) Priority Date	:NA	Address of Applicant :301, SUBHODAYA ENCLAVE,
(33) Name of priority country	:NA	NEXT TO PF OFFCE, RR NAGAR, BANGALORE - 560 098
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PROF. DR. PRITAM GAJKUMAR SHAH PROFESSOR
(61) Patent of Addition to Application Number	:NA	& DEAN SRI VENKATESHWARA COLLEGE OF
Filing Date	:NA	ENGINEERING BANGALORE
(62) Divisional to Application Number	:NA	2)MR. JAVERIA AMBAREEN ASSISTANT PROFESSOR
Filing Date	:NA	HKBK COLLEGE OF ENGINEERING, BANGALORE
		3)MS. ANUSHA K P, M. TECH. SRI VENKATESHWARA
		COLLEGE OF ENGINEERING BANGALORE

(57) Abstract:

An apparatus and method based on ones complement subtraction to represent positive integer k in scalar multiplication for Elliptical Curve Cryptography is carefully investigated. Our algorithm offers less Hamming weight and will remarkably improve the computational efficiency of scalar multiplication by reducing Hamming weight in Elliptical Curve Diffie Hellman (ECDH) scheme on wireless sensor network platform for calculating public key by sensor nodes. By the way of example, the method of recoding is utilized in ECDH scheme, i.e. the number of ones in binary format of positive integer reduces the computational cost of addition and doubling operations on elliptical curve scalar multiplication and thus reduces the public key calculation time on wireless sensor network platform. The presented method also reduces the memory required for pre-calculating public key on wireless sensor nodes and is much simpler than non adjacent forms.

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

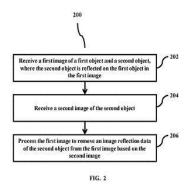
(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR AUTOMATICALLY SUPPRESSING AND IMAGE REFLECTION DATA FROM AN IMAGE

		(71)Name of Applicant:
(51) International classification	:G06F,G01B	1)Samsung R & D Institute India- Bangalore Private
(31) Priority Document No	:NA	Limited
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Phanish Hanagal Srinivasa Rao
(61) Patent of Addition to Application Number	:NA	2)Venkat Ramana Peddigari
Filing Date	:NA	3)Divya Prakash
(62) Divisional to Application Number	:NA	4)Pramati Sudhindra Kalwad
Filing Date	:NA	5)Radha Purnima Dasari
		6)Naveen Kumar Penda Narsing

(57) Abstract:

ABSTRACT A method and system for automatically suppressing or removing an image reflection data in an electronic device is provided. The method includes receiving, from a first imaging sensor, a first image of a first object and a second object, wherein the second object is reflected on the first object in the first image. Further, the method includes receiving, from a second imaging sensor, a second image of the second object. Further, the method includes processing the first image to suppress the image reflection data of the second object from the first image based on the second image. FIG. 2



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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMBINED DETERMINISTIC AND PROBABILISTIC MATCHING FOR DATA MANAGEMENT

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date SA	1)INTERNATIONAL BUSINESS MACHINES (708/2013) S.A. Address of Applicant :New Orchard Road, Armonk, New York 10504, USA U.S.A. (72)Name of Inventor : 1)Subashree Natarajan 2)Ankur B. Shah
(62) Divisional to Application Number :NA Filing Date :NA	A

(57) Abstract:

A method for data management. The method includes a computer selecting a first data record and a second data record. The computer determines whether the first data record and the second data record share a deterministic matching category. Responsive to determining the first data record does not share a deterministic matching category with the second data record, the computer determines whether the first data record and the second data record share a probabilistic matching category.

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

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: NEAR FIELD PROBE FOR A FLOW METER AND AN ASSOCIATED METHOD THEREOF

:A61B	(71)Name of Applicant:
:NA	1)General Electric Company
:NA	Address of Applicant: 1 River Road, Schenectady, New York
:NA	12345, USA U.S.A.
:NA	(72)Name of Inventor:
:NA	1)KUMAR, SUNDEEP
: NA	2)NAYAK, MOHANDAS
:NA	3)SUDDALA, VIPIN RAJU
:NA	4)BALL, IAIN DAVID
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The near field probe includes a housing having a bore. A pin having a sensing tip, disposed at a center of the bore. A non-magnetic seal is disposed in the bore, between the pin and the housing. The non-magnetic seal includes a hemispherical-shaped portion disposed covering the sensing tip of the pin.

No. of Pages: 24 No. of Claims: 22

(21) Application No.3293/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AMORPHOUS FORMS OF ELIGLUSTAT HEMITARTARATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Reddy TM s Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :8-2-337, Road No. 3, Banjara Hills,
(33) Name of priority country	:NA	Hyderabad, Telangana, India. Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Peddy Vishweshwar
(87) International Publication No	: NA	2)Dharma Jagannadha Rao Velaga
(61) Patent of Addition to Application Number	:NA	3)Sunitha Vyala
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application relates to the solid state forms of Eliglustat hemitartrate and the processes for the preparation thereof. The application further provides solid dispersion of Eliglustat hemitartrate having Eliglustat hemitartrate in amorphous form.

No. of Pages: 33 No. of Claims: 10

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM OF HANDLING MEASUREMENT GAP IN DUAL CONNECTIVITY

		(71)Name of Applicant:
(51) International classification	:H04W	1)Samsung R & D Institute India- Bangalore Private
(31) Priority Document No	:NA	Limited
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anshuman Nigam
(61) Patent of Addition to Application Number	:NA	2)Gert-Jan Vanleishout
Filing Date	:NA	3)Himke Vandervelde
(62) Divisional to Application Number	:NA	4)Seonghun Kim
Filing Date	:NA	5)Wooseong Kim
		6)Sangbum Kim

(57) Abstract:

The embodiments herein provide a method and system for controlling the data scheduling during a measurement gap a UE operating in dual connectivity. The method includes determining, by a MeNB, a set of frames of a SeNB with respect to a set of subframes of the MeNB based on a frame time difference. The set of subframes of the SeNB overlaps with the set of subframes of the MeNB on which the measurement gap is configured. Based on the overlapping subframes reported to the SeNB, the SeNB avoids data scheduling for the UE on the set of overlapping subframes. FIG.10



No. of Pages: 83 No. of Claims: 38

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTEGRATED ASSEMBLY FOR EVAPORATIVE EMISSION CONTROL

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number	:F02M :NA
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(57) Abstract:

The invention relates to an integrated assembly (100) for evaporative emission control in a vehicle. The integrated assembly (100) comprises a canister (101) which is adapted to collect a fuel vapor from a fuel tank (105). Further the integrated assembly comprises a purge valve (102) adapted to purge fuel vapors adsorbed in the canister (101) to an intake manifold (104) of an engine and a control unit (103) adapted to operate the purge valve (102) based on a predetermined engine operating conditions. The purge valve (102), the canister (101) and the control unit (103) of the integrated assembly (100) is enclosed in a common housing (107). Reference figure: Figure 1

No. of Pages: 10 No. of Claims: 7

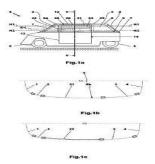
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A MOTOR VEHICLE SIDE DOOR

(51) International classification(31) Priority Document No(32) Priority Date	:B60J :1313459.8 :29/07/2013	,
(33) Name of priority country	:U.K.	Dearborn, Michigan 48126 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GERHARDT, Torsten
(87) International Publication No	: NA	2)PARIS, Jose
(61) Patent of Addition to Application Number	:NA	3)LICHTER, Martin
Filing Date	:NA	4)KNUETTEL, Martin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motor vehicle 5 having a side door 10 is disclosed having lower and upper parts 13 and 14. The upper part 14 comprises a window surround 20 for fixed and drop-down windows 21, 22. The fixed window 21 has a much larger barrel radius of curvature than the drop-down window 22 and the inclusion of the fixed window 21 reduces the chord length of the drop-down window 22 between a beltline 9 of the motor vehicle 5 and an lower edge of the fixed window 21. This combination allows the use of more tumblehome on the motor vehicle 5 without needing to increase the thickness of the lower part 13 of the side door 10 in order to accommodate the drop-down window 22 when it is lowered.



No. of Pages: 49 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3297/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EFFICIENT ENERGY MANAGEMENT SYSTEM

(51) International classification	:F21V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)N Appala Raju
(32) Priority Date	:NA	Address of Applicant :D. No- 56-25-1, Kancharapalam,
(33) Name of priority country	:NA	Vishakapatnam, Andhra Pradesh Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)N Appala Raju
(87) 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:

Effective energy management of street light system comprising of three modules namely monitoring system, powering system and intensity control system where these modules help in controlling, identifying and managing different factors like burn out condition and thereof as described in the invention at an individual lamp level from a remote location using different methodologies for efficient energy management in the street light system.

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

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD, IMAGE PROCESSING COMPONENT AND APPARATUS FOR IDENTIFICATION OF STRABISMUS CONDITION IN EYE

(51) International classification	·A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BMS College of Engineering
(32) Priority Date	:NA	Address of Applicant :PB No. 1908, Bull Temple Road,
(33) Name of priority country	:NA	Bangalore Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JOSHI MANISHA SHIVARAM
(87) International Publication No	: NA	2)ARPITHA RAO
(61) Patent of Addition to Application Number	:NA	3)SAMHITHA Y M
Filing Date	:NA	4)H N SUMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

METHOD, IMAGE PROCESSING COMPONENT AND APPARATUS FOR IDENTIFICATION OF STRABISMUS CONDITION IN EYE ABSTRACT [0046] The method, image processing component and apparatus described herein detect the obvious cases of Strabismus in pediatric binocular eye images. In this technique, the pupil and Purkinje reflection are detected and extracted, then corelation is done between the Centre of the pupil and Centre of Purkinje reflection. If the Purkinje reflection lies outside the pupil then the subject will have a certain degree of Strabismus, depending upon how far is it from the pupil, this basis is used to generate a quantitative output for the degree of Strabismus condition.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT

(51) International classification	:C02F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vivekananda Kendra
(32) Priority Date	:NA	Address of Applicant :Vivekanandapuram, Kanyakumari
(33) Name of priority country	:NA	629702, Tamil Nadu, INDIA. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)G. Vasudeo
(87) International Publication No	: NA	2)V. Ramakrishnan
(61) Patent of Addition to Application Number	:NA	3)V. Muneeswaran
Filing Date	:NA	
(62) Divisional to Application Number	:1604/CHE/2009	
Filed on	:07/07/2009	

(57) Abstract:

ABSTRACT TITLE: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT The invention comprises a biogas producing apparatus comprising gas holder drum, a digester and gas holder having built in structural design features as scum breakers. The apparatus further comprises one or more of the following features: (a) an inlet pipe wherein the inlet pipe is integrated with the gas holder drum, (b) gas holder drum having a central pipe (a guide pipe) (c) the inlet pipe integrated with the gas holder drum is attached to the central pipe, (d) an outlet pipe such that the pipe originates inside the digester tank near upper end, (e) a pipe that is provided at its bottom with an emergency slurry drain (11), (f) a water jacket around the digester, (g) an outlet water drain which connects to the water jacket, and (h) providing a substrate drain for emptying contents of the digester.

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT

:C02F	(71)Name of Applicant:
:NA	1)Vivekananda Kendra
:NA	Address of Applicant :Vivekanandapuram, Kanyakumari
:NA	629702, Tamil Nadu, India. Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)G. Vasudeo
: NA	2)V. Ramakrishnan
:NA	3)V. Muneeswaran
:NA	
:1604/CHE/2009	
:07/07/2009	
	:NA :NA :NA :NA :NA :NA :NA :NA :1604/CHE/2009

(57) Abstract:

ABSTRACT TITLE: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT The invention comprises a biogas producing apparatus comprising gas holder drum, a digester and an inlet pipe wherein the inlet pipe is integrated with the gas holder drum and is interconnected to central pipe (a guide pipe) at several points. The apparatus further comprises one or more of the following features: (a) gas holder having built in structural design features as scum breakers, (b) gas holder drum having a central pipe (a guide pipe), (c) an outlet pipe such that the pipe originates inside the digester tank near upper end, (d) a pipe that is provided at its bottom with an emergency slurry drain (11), (e) a water jacket around the digester, (f) an outlet water drain which connects to the water jacket, and (g) providing a substrate drain for emptying contents of the digester,

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EVAPORATIVE EMISSION 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 	:F02M :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)SDHFLK Address of Applicant: JSADFLK (72)Name of Inventor: 1)HSLKJ
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present subject matter discloses an evaporative emission control system (200) for a three-wheeled vehicle. The evaporative emission control system (200) disclosed herein includes an internal combustion engine (202) mounted rearwardly of the vehicle. The engine (202) is disposed in a space substantially downwardly of one or more cabin mounting towers (210). The system further includes a fuel tank (208). Further, an evaporative emission control device (212) for treating fuel vapors expelling from the fuel tank (208) is disposed substantially upward of the engine (202) in a vicinity of the fuel tank (208). The control device (212) is disposed in at least one of a substantially leftward, substantially rearward, and substantially upward direction of the fuel tank (108) with respect to a vehicle front.

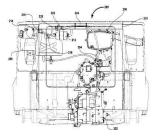


FIG. 2

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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONTROLLED RELEASE COMPOSITIONS COMPRISING POTASSIUM CHLORIDE

(4)	G0434	7127
(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :THE WATER MARK BUILDING,
(33) Name of priority country	:NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY,
(86) International Application No	:NA	HYDERABAD - 500 084 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH RAKESH
(61) Patent of Addition to Application Number	:NA	2)CHOKKASANDRA JAYARAMA REDDY
Filing Date	:NA	VENUGOPALA
(62) Divisional to Application Number	:NA	3)MEENAKSHISUNDERAM SHIVAKUMARAN
Filing Date	:NA	

(57) Abstract:

The present invention relates to oral controlled release compositions comprising potassium chloride. The present invention also relates to improved process for preparing oral controlled release compositions comprising potassium chloride. The present invention further relates to methods of treatment of hypokalemia with or without metabolic alkalosis using oral controlled release compositions comprising potassium chloride.

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

(21) Application No.3213/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN ELECTRONIC CONTROL UNIT (ECU) FLASHING DEVICE

(51) International classification :F02I	(71)Name of Applicant :
(31) Priority Document No :NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date :NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country :NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No :NA	India
Filing Date :NA	2)Robert Bosch GmbH
(87) International Publication No : NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number :NA	1)LADDGIRI Lakshmi Narasimha Prathap
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

An electronic control unit (ECU) flashing device for flashing an ECU is disclosed. The ECU flashing device comprises an ECU detection module (105) for identifying the ECU, a program retrieving module (110) for retrieving an ECU program, corresponding to the identified ECU, from a database, and a programming module (115) adapted to perform flashing of said ECU program into said ECU. Reference figure: Figure 1

No. of Pages: 10 No. of Claims: 11

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A METHOD AND DEVICE FOR MONITORING A CATALYTIC CONVERTER

(51) International classification	:F01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JOHNSON Jeevan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device 100 to monitor a catalytic converter 300 of a vehicle is disclosed. The device 100 comprises a temperature electronic control unit (ECU) 101 to calculate a plurality of upstream temperature values of exhaust gas entering the catalytic converter 300 based on at least one engine operating parameter at at least one engine operating point; a downstream temperature sensor 102 to measure a plurality of downstream temperature values of exhaust gas leaving the catalytic converter 300 at the at least one engine operating point; the temperature ECU 101 to integrate the measured downstream temperature values; the temperature values; the temperature ECU 101 to calculate a difference between the integrated downstream temperature values and the integrated upstream temperature values and decide the operating state of the catalytic converter 300 based on the difference. Reference figure: Figure 1

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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CANISTER FOR A THREE-WHEELED VEHICLE

(51) International classification :B6 (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 Filing Date :Na	Address of Applicant :JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)PADUBIDRI, GANESH RAO 2)KRISHNABHATTA, NAGARAJA
(62) Divisional to Application Number :NA Filing Date :NA	A

(57) Abstract:

The present subject matter discloses an evaporative emission control system (200) for a three-wheeled vehicle. The evaporative emission control system (200) disclosed herein includes an internal combustion engine (202) mounted rearwardly of the vehicle. The engine (202) is disposed in a space substantially downwardly of one or more cabin mounting towers (210). The system further includes a fuel tank (208). Further, an evaporative emission control device (212) for treating fuel vapors expelling from the fuel tank (208) is disposed substantially upward of the engine (202) and farther away from the fuel tank (208). The control device (212) is disposed in at least one of a substantially upwardly rightward, and substantially upwardly leftward of the engine (202) when viewed from a rear side of the three-wheeled vehicle.

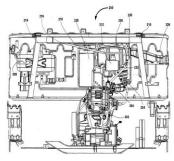


FIG. 2

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

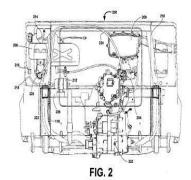
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A CANISTER DEVICE

(51) International classification	:F02M25/00	(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)PADUBIDRI, GANESH RAO
(61) Patent of Addition to Application Number	:NA	2)KRISHNABHATTA, NAGARAJA
Filing Date	:NA	3)MALUVADU SUNDARAMAN, ANANDKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

The present subject matter discloses an evaporative emission control system (200) for a three-wheeled vehicle. The evaporative emission control system (200) disclosed herein includes an internal combustion engine (202) mounted rearwardly of the vehicle. The engine (202) is disposed in a space substantially downwardly of one or more cabin mounting towers (210). The system further includes a fuel tank (208). Further, an evaporative emission control device (212) for treating fuel vapors expelling from the fuel tank (208) is disposed substantially downwardly of the fuel tank (208), substantially leftwardly of the internal combustion engine (202), and in a vicinity of at least one longitudinal member (118) and at least one cross member (122) of the vehicle.



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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EVAPORATIVE EMISSION CONTROL SYSTEM FOR A THREE-WHEELED VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F02M25/00 :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	:NA	(72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)PADUBIDRI, GANESH RAO 2)KRISHNABHATTA, NAGARAJA
Filing Date (62) Divisional to Application Number	:NA :NA	3)MALUVADU SUNDARAMAN, ANANDKUMAR
Filing Date	:NA	

(57) Abstract:

ABSTRACT EVAPORATIVE EMISSION CONTROL SYSTEM FOR A THREE-WHEELED VEHICLE The present subject matter discloses an evaporative emission control system (200) for a three-wheeled vehicle. The evaporative emission control system (200) disclosed herein includes an internal combustion engine (202) mounted rearwardly of the vehicle. The engine (202) is disposed in a space substantially downwardly of one or more cabin mounting towers (210). The system further includes a fuel tank (208). Further, an evaporative emission control device (212) for treating fuel vapors expelling from the fuel tank (208) is disposed substantially upward of the engine (202) in a vicinity of the fuel tank (208). The control device (212) is disposed in at least one of a substantially rearward, substantially rightward, and substantially upward direction of the fuel tank (108) when viewed from a rear side of the vehicle.

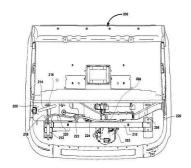


FIG. 2

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : SOLAR POWER WHEN SOLAR PANEL IS AT DIFFERENT DISTANCE FROM SOURCE BY R. VELMURUGAN

(51) International classification	:H01L31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)R. VELMURUGAN
(32) Priority Date	:NA	Address of Applicant :146/5, NORTH DTREET,
(33) Name of priority country	:NA	SENGAMEDU (VILL), AVINANGUDI (OPP), TITTAGUDI
(86) International Application No	:NA	(T.K), CUDDALORE (DT) - 606 112 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT One day night i kept a solar panel towards yellow colour solar power emitting light, the solar panel exhibit volatage and current when i connect multimeter with solar panel then i vary distance of solar panel with light this incidence induce me to construct relation for electric power when solar panel is at different distance, different areas having solar panel also used during my experiment. Above written facts are background of invention.

No. of Pages: 5 No. of Claims: 4

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : STAGGERED FLUID UNLOADER CIRCUIT FOR A HYDRAULIC SYSTEM HAVING MULTIPLE PUMPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F04B :61/863,632 :08/08/2013 :U.S.A. :NA :NA :NA	, , , ,
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A machine has two fixed displacement pumps driven by an engine to supply fluid to control valves that operate hydraulic actuators. The control valves have open centers connected in series forming a path from the pumps to a tank. Flow through that path passes through an orifice, creating a pressure differential. The output of each pump is connected to a separate unloader valve that is operated by the pressure differential. The unloader valves open at different thresholds of the pressure differential to convey the output flow from the associated pump to the tank. Thus, all the flow from one pump is dumped into the tank when fluid required to operate the machine is less than a first level, and all the flow from the other pump is dumped into the tank when no fluid is required. This operation reduces the power demands the pumps place on the engine.

No. of Pages: 21 No. of Claims: 23

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : PASSIVE LOAD AND ACTIVE VELOCITY BASED FLOW COMPENSATIN FOR A HYDRAULIC TRACTOR HITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A01B :13/959,186 :05/08/2013 :U.S.A. :NA	Address of Applicant :2239 PEWAUKEE ROAD, WAUKESHA, WI 53187 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 Filing Date	:NA : NA :NA :NA :NA :NA	1)SCHEDGICK, DAVID J.

(57) Abstract:

Abstract of the Disclosure A hitch on a vehicle is raised and lowered by a hydraulic actuator controlled by an electrically operated valve. A control system receives a command that indicates a designated velocity and uses the command to operate the valve. Based on a reference external force exerted on the hitch, the control system is configured with relationships for converting a plurality of command values to corresponding electric current levels for operating the valve. The cont rol system compensates for effects due to differences between the actual force acting on the hitch and the reference external force. Velocity feedback adjusts the electric current level applied to the valve. The passive load force control provides a predictor of the hitch load force to eliminate overshoot/undershoot of hitch motion. During hitch motion, the velocity feedback also compensates for effects due to load and hitch geometry changes that occur. QBV22010620.1 -21-

No. of Pages: 24 No. of Claims: 21

(22) Date of filing of Application :04/07/2014

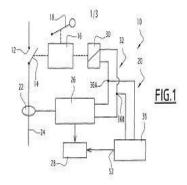
(43) Publication Date: 12/02/2016

(54) Title of the invention: DEVICE FOR DETECTING RESETTING OF A CIRCUIT BREAKER, ACTUATOR OF A SEPARATING MECHANISM OF THE CIRCUIT BREAKER CONTACTS, ELECTRIC CIRCUIT BREAKER AND USE OF AN INDUCED CURRENT TO GENERATE A RESETTING INDICATION SIGNAL

(51) International classification :H01H71/0 (31) Priority Document No :13 56745 (32) Priority Date :09/07/2013 (33) Name of priority country :France (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :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)HOUBRE, Pascal 2)ODILLE, Fabien
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(57) Abstract:

The detection device (35) according to the invention makes it possible to detect resetting of an electric circuit breaker (10). The electric circuit breaker (10) comprises fixed (12) and moving (14) contacts, the moving contact (14) being capable of moving between an open position, in which the fixed and moving contacts (12, 14) are separated, and a closed position, in which the moving contact (14) is pressed against the fixed contact (12), a mechanism (16) for separating the contacts (12, 14), a lever (18) for resetting the mechanism (16) from the open position to the closed position of the moving contact (14), and an actuator (20) for actuating the separator mechanism (16), the actuator (20) including an electromagnetic coil and a core movable between an idle position and a working position in which the separating mechanism (16) is actuated, the coil being capable of causing the moving core to move from its idle position to its working position. The detection device (35) comprises means to generate a resetting indication signal from an electric pulse, the electric pulse corresponding to an electric current induced in the coil by the movement of the moving core from its working position to its idle position during resetting of the circuit breaker. Figure 1



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

(22) Date of filing of Application :01/07/2014

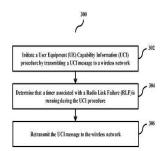
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM TO ENSURE CALL HANDLING AND CONNECTIVITY IN A WIRELESS SYSTEM

(51) International classification :H04L (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)Samsung R & D Institute India- Bangalore Private Limited Address of Applicant: # 2870, Orion Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore-560037 Karnataka India (72)Name of Inventor: 1)Neha Sharma 2)Akhil Madan Panchabhai 3)Amith Rai 4)Naveen Bodapati 5)Varun Kumar
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(57) Abstract:

Embodiments herein provide a method and system for optimizing a User Equipment (UE) Capability Information (UCI) procedure in wireless network. The method includes initiating the UCI procedure by transmitting a UCI message to the wireless network in response to receiving a User Equipment (UE) Capability Enquiry (UCE) message. Further, the method includes determining whether a timer is running during the UCI procedure. The timer is associated with a Radio Link Failure (RLF). Furthermore, the method includes retransmitting the UCI message to the wireless network in response to determining that the timer is running during the UCI procedure. The UCI message is retransmitted to the wireless network when the UE fails to receive a UCI confirm message for the transmitted UCI message. FIG. 3



No. of Pages: 73 No. of Claims: 18

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DEVELOPMENT OF FAULT-DIAGNOSIS SYSTEM FOR BEARINGS

(51) International classification	:G01H1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. V. SUGUMARAN
(32) Priority Date	:NA	Address of Applicant :13, 12TH CROSS, BHARATHI
(33) Name of priority country	:NA	NAGAR, KARUVADI KUPPAM - 8 Pondicherry India
(86) International Application No	:NA	2)MR. ARJUN. A
Filing Date	:NA	3)MR. VIPIN. V
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. V. SUGUMARAN
Filing Date	:NA	2)MR. ARJUN. A
(62) Divisional to Application Number	:NA	3)MR. VIPIN. V
Filing Date	:NA	

(57) Abstract:

ABSTRACT This system is used for detecting faults in bearing. When bearings are operated in a range of speeds and various loads, it is very difficult to find out the problems in rotating machinery. Therefore parameters such as vibration have been considered for the detection and diagnosis of incipient faults. The vibration signals popularly using to detect the machine problems. Those signals used for extracting the features to detect the problems of a machine. The system uses vibration signals, that are acquired from the near field area using an accelerometer for the fault diagnosis. The statistical features are extracted from vibration signals and significant features were selected through the decision tree. With the help of decision tree, code was generated and installed on the data acquisition system. On testing the machine condition, display unit in the data acquisition system shows the condition of bearing, whether it is good or faulty one.

No. of Pages: 10 No. of Claims: 7

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR TYRE PRESSURE MONITORING SYSTEM USING ULTRASONIC DISTANCE GAUGE SENSOR

(51) International classification	:G01M15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. V. SUGUMARAN
(32) Priority Date	:NA	Address of Applicant :NO: 1, SAI SUBHIKSHAM
(33) Name of priority country	:NA	APARTMENT, JŶOTHI NAGAR, MAMBAKKAM, CHENNAI
(86) International Application No	:NA	- 600 127 Tamil Nadu India
Filing Date	:NA	2)MR. SANATH PRASAD
(87) International Publication No	: NA	3)DR. S. BABU DEVASENAPATI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. V. SUGUMARAN
(62) Divisional to Application Number	:NA	2)MR. SANATH PRASAD
Filing Date	:NA	3)DR. S. BABU DEVASENAPATI

(57) Abstract:

To maintain optimum performance in an internal combustion engine misfire detection is essential. Engine conditions can be detected by monitoring the engines vibration signature. A MEMS based accelerometer is used to extract the vibration signature from the engine block. The process of misfire detection is achieved by decoding the signal information obtained from the accelerometer using statistical parameters like standard deviation, kurtosis, median, mean etc. This system uses decision tree as a tool for feature selection and classification. The result was implemented in an embedded system.

No. of Pages: 10 No. of Claims: 7

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR CONDITION MONITORING SYSTEM FOR CENTRIFUGAL PUMP USING VIBRATION ANALYSIS

		(71)Name of Applicant:
(51) International classification	:G05B23/00	1)DR. V. SUGUMARAN
(31) Priority Document No	:NA	Address of Applicant :NO: 1, SAI SUBHIKSHAM
(32) Priority Date	:NA	APARTMENT, JYOTHI NAGAR, MAMBAKKAM, CHENNAI
(33) Name of priority country	:NA	- 600 127 Tamil Nadu India
(86) International Application No	:NA	2)MR. SACHIN SANTHOSH
Filing Date	:NA	3)DR. V. MURALIDHARAN
(87) International Publication No	: NA	4)DR. N.R. SAKTHIVEL
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. V. SUGUMARAN
(62) Divisional to Application Number	:NA	2)MR. SACHIN SANTHOSH
Filing Date	:NA	3)DR. V. MURALIDHARAN
-		4)DR. N.R. SAKTHIVEL

(57) Abstract:

This system proposes a method to continuously monitor the pump condition using an accelerometer. Centrifugal pumps play very important role in many industrial applications. Due to its importance and wide spread applications in industries, fault diagnosis of the pump will be very crucial. System is capable of detecting faults in pumps impeller, bearing and displaying whether pump is in good condition or not. The current system consists of accelerometer and an embedded system with a display. Accelerometer measures the vibrations from the pump. The system can distinguish three different pump conditions -pump under normal condition, pump with inner race fault, pump with outer race fault. The system uses an 8-bit microcontroller to sample data acquired from accelerometer and either transfer the data points to computer via communication interface or determine the pump condition based on vibration signals. The system uses ADC interfaced with analog input port of microcontroller to accurately acquire and measure vibration signal. After further processing the system indicates the result on an LCD display fitted on the dashboard.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING THE BEHAVIORAL INTEGRITY OF AN APPLICATION

(51) Y	GO CE	
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, MADRAS
(32) Priority Date	:NA	Address of Applicant :Department of Computer Science, IIT
(33) Name of priority country	:NA	Madras, Chennai 600 036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NANDIVADA, V. Krishna
(87) International Publication No	: NA	2)THANGARAJ, Raja Subramaiam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for determining the behavioral integrity of an application is disclosed. The method comprises analyzing, using a computing system, an application package binaries, tracing, using the computing system, one or more components within the package and constructing, using the computing system, a behavioral abstract of the application. Integrity of the application is determined by comparing the behavioral abstract with the developer-defined characteristics of the application.

No. of Pages: 36 No. of Claims: 22

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMATIC TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:Japan :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant :of 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan Japan (72)Name of Inventor: 1)OHYA, Kumiko 2)OKUBO, Shinichi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An automatic transmission capable of causing first and second clutches and a connection/disconnection device to properly operate during stoppage of a vehicle, thereby enabling preventing vibration and improving marketability as well as obtaining excellent vehicle startability. When a shift position is switched to a forward travel position, first and second connection operations are executed for connecting transmission of a motive power of a prime mover, from first and second gear mechanisms to drive wheels, respectively, while changing the speed thereof. If the shift position is switched to the forward travel position and no request for a standing start of the vehicle is determined to be made by a driver, engagement of first and second gear clutches for connecting/disconnecting between the prime mover and the gear mechanisms is permitted when both the first and second connection operations have been completed.

No. of Pages: 72 No. of Claims: 4

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A DEVICE TO MEASURE AT LEAST ONE PARAMETER OF A FUEL AND A METHOD THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:G02B :NA :NA	(71)Name of Applicant: 1)Robert Bosch Engineering and Business Solutions Limited Address of Applicant: 123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JOHN Philip Chona
Filing Date	:NA	2)KALI Kumaran Thirugnanasambandam
(62) Divisional to Application Number	:NA	_
Filing Date	:NA	

(57) Abstract:

A device 10 to determine at least one parameter of a fuel 36 in a fuel tank 28 is disclosed. The device 10 comprises a fiber sensor 30 having a first cladding layer at a predefined distance and a second fiber sensor 40 having second cladding layer at distal ends. The device 10 also comprises a first light source 14, a second light source 12, first detector 20, second detector 22. The first fiber sensor 30 is connected between the first light source 14 and the first detector 20 via a plurality of couplers (18,24) to measure at least one parameter of the fuel . The second fiber sensor 40 is connected parallel to the first fiber sensor 30 and between the second light source 12 and the second detector 22 via plurality of couplers (16, 26) to measure at least one parameter of the fuel. Reference figure: Figure 1

No. of Pages: 17 No. of Claims: 8

(21) Application No.3264/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PREPARATION OF TICAGRELOR

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Reddy TM s Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :8-2-337, Road No. 3, Banjara hills,
(33) Name of priority country	:NA	Hyderabad, Telangana, India Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Vilas Dahanukar
(87) International Publication No	: NA	2)Elati Ravi Ram Chandrasekhar
(61) Patent of Addition to Application Number	:NA	3)Dr. Srinivas Oruganti
Filing Date	:NA	4)Rajesh Kumar Rapolu
(62) Divisional to Application Number	:NA	5)Kurella Sreenivasulu
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 33 No. of Claims: 10

The present application relate to processes for preparing ticagrelor and to intermediates that are useful in the processes.

(21) Application No.3350/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: FLAPPING LEGS SUIT

(51) International classification	:A22C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)V Subash Chandra Goutham
(32) Priority Date	:NA	Address of Applicant :3-50, Ayodyanagar, Christianpally,
(33) Name of priority country	:NA	Mahabubnagar-509001, Telengana. Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)V Subash Chandra Goutham
(87) 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 Flapping Legs Suit (FLS) is a new innovative design model for Human Powered Flying Machine Or Ornithopter where a Mechanical Suit generates wings flapping and achieves the flight like a bird aided entirely by human muscle source of power. In other terms human Legs muscle power (the action of walking or running with complete folding and stretching of the legs) is transmitted through pulley and steel cable system which arranged in such a way that it pulls the wings up and down. The continuous flapping of the wings produces enough lift force to enable the human (who wears FLS) to fly like a bird. And human hands muscle power is transmitted to tail functioning to manoeuvre. And it does not require any kind of prebuilt runway or conditional landscape except specious enough to accommodate the wings length for some distance for run up process.

No. of Pages: 35 No. of Claims: 3

(21) Application No.3305/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : REMOTELY PILOTED UNMANNED UNDERWATER VEHICLE DESIGN AND CONTROL FOR PIPELINE MAINTENANCE

(51) International classification (31) Priority Document No	:F16L :NA	(71)Name of Applicant: 1)VELTECH HIGH TECH DR. RANGARAJAN DR.
(32) Priority Date	:NA	SAKUNTHALA ENGINEERING COLLEGE
(33) Name of priority country(86) International Application No		Address of Applicant :NO. 60, AVADI-ALAMATHI ROAD, CHENNAI - 62 Tamil Nadu India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)VAIDEHI PARAVASTU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SHOBHANA. M 3)LOGANAYAKI. S
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In the petroleum and natural gas industry, 45% of the oil transportation occurs through underwater pipelines. These pipelines are generally found at the ocean bed and long term exposure to the sea water leads to corrosion. This creates cracks along the pipeline surface and petroleum leaks out of these pipelines. Such a leakage can contaminate the entire water body and lead to the destruction of aquatic life forms. Currently, local sensors are attached at various intervals throughout the pipeline. The sensors are prone to corrosion underwater and hence their lifetime is very limited. Other forms of detection include scanning the surface of the ocean using UV/IR and thermal imaging scanners. This method does not give the source of leakage. For this purpose, a remotely piloted unmanned underwater vehicle has been designed. This vehicle contains a petroleum sensor, ultrasonic sensor, camera, GPS and INS module. It gives the exact the location of the leakage and also sends real time video of the pipeline to the ground control station.

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMPOSITE FABRICATION VENT ASSEMBLY AND METHOD OF CONNECTING

(51) International classification :B29C33/10,B29C70/54,F16L19/00

(31) Priority Document No :13/344889 (32) Priority Date :06/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/042594

Filing Date :15/06/2012

(87) international Fublication :WO 2013/103377

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

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1) RUBBERCRAFT CORPORATION OF CALIFORNIA

LTD.

Address of Applicant :3701 Conant Street Long Beach CA

90808 U.S.A.

(72)Name of Inventor:

1)HIKEN Alan D.

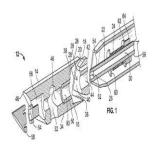
2)LEE David H.

3)HARSHBERGER Robert L.

4)PHAN Leo H. 5)SANTOS Rufino

(57) Abstract:

A The composite fabrication vent assembly (12) comprises a body member (14) having a first clamping surface (16) a clamping member (18) having a second clamping surface (20) and a carriage member (22) interconnecting the body member and the clamping member such that the first and second clamping surfaces are in opposing relationship. The carriage member is adapted for translating the body member and clamping member relative to one another from an open state to a closed state. When the open end of an inflatable bladder (26) is inserted between the opposed first and second clamping surfaces of the vent assembly the clamping surfaces form an airtight seal with the open end of the bladder as the clamping surfaces are translated to the closed state. The vent assembly can then control the flow of gas into and out of the inflatable bladder through one or more passageways in the vent assembly.



No. of Pages: 31 No. of Claims: 36

(21) Application No.4942/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MANHOLE WITH AN IMPROVED FRAME AND PLUGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E02D29/14 :12 50 720 :25/01/2012 :France :PCT/FR2013/050065 :11/01/2013 :WO 2013/110870 :NA :NA	(71)Name of Applicant: 1)EJ EMEA Address of Applicant: Z.I de Marivaux F 60149 Saint Crepin Ibouvillers France (72)Name of Inventor: 1)MORICE Herv
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a manhole with an improved frame and plugs. According to the invention the manhole (1) comprises at least two housings (14) provided radially in the inner edge (12) partially delimiting the central opening of the frame (2) and the plug (5) comprises at least two radially outer lugs (13) capable of bearing on the inner edge (12) of the frame (2) when the plug (5) is installed on the frame (2) coaxially to the central opening of the frame (2) in such a way that the annular elastic support (7) of the plug (5) is above the seating rib (6) of the frame (2) without coming into contact with same and of engaging in the housings (14) of the inner edge (12) by rotating the plug (5) relative to the frame (2) to close the central opening of the frame (2) by means of the plug (5). The invention is applicable in the field of road equipment.



No. of Pages: 22 No. of Claims: 7

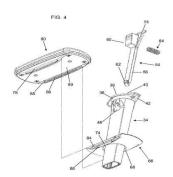
(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ARMREST IN PARTICULAR FOR OFFICE CHAIRS

(33) Name of priority country :Italy (VI) Italy (86) International Application No :PCT/EP2013/051320 (72)Name of	ss of Applicant :Via Meucci 21 I 36028 Rossano Veneto
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(57) Abstract:

An armrest in particular for office chairs comprising a support bracket (16) connected to the chair a tube (34) connected to the vertical part (24) of said bracket and an arm support pad characterised in that the tube presents at one end a flange (36) comprising rotation guides for a plate (66) said plate presenting an aperture (66) for the insertion of the lower end of the tube and being provided with rotation guides (38) cooperating with said flange (36) for the rotation of said plate (66) about said tube (34) said plate (66) and said pad (80) being constrained by mutually cooperating slide guides (74 78) which enable said pad (80) to translate relative to said plate (66) with said flange (36) interposed between them.



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

(21) Application No.4985/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: LUBRICATING COMPOSITIONS FOR TRANSMISSIONS

(51) International :C10M161/00,C10N30/06,C10N40/04

classification

(31) Priority Document No: 1161856 (32) Priority Date :16/12/2011 (33) Name of priority

:France country

(86) International :PCT/EP2012/075645

Application No :14/12/2012 Filing Date

(87) International

:WO 2013/087889 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)TOTAL MARKETING SERVICES

Address of Applicant :24 Cours Michelet F 92800 Puteaux

France

(72) Name of Inventor:

1)BOUFFET Alain

2)DA COSTA DAMBROS Alder

3) VERNAY Richard 4)THOMESSE Grard

(57) Abstract:

The present invention relates to a lubricating composition including one or more base oils at least one dimercaptothiadiazole derivative at least one ethylene and alphaolefin copolymer and at least one amine thiophosphate. Said composition can be used for lubricating transmissions such as gearboxes and axles preferably the manual gearboxes of motor vehicles and enables a reduction in the fuel consumption of vehicles particularly of motor vehicles due to the combination of the ethylene and alphaolefin copolymer dimercaptothiadiazole derivative and amine thiophosphate which decreases the coefficient of friction of the lubricating composition.

No. of Pages: 23 No. of Claims: 17

(21) Application No.4986/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: SEAWATER RESISTANT STAINLESS CLAD STEEL

(51) International classification:C22C38/00,C21D8/02,C22C38/22 (71)Name of Applicant:

:07/03/2013

(31) Priority Document No :2012051124 (32) Priority Date :08/03/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/001460 No

Filing Date

(87) International Publication :WO 2013/132863

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

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

(57) Abstract:

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)YAZAWA Yoshihiro

2)KISHI Keiichiro

3)TACHIBANA Shunichi 4)HOSHINO Toshiyuki

Provided is a seawater resistant stainless clad steel exhibiting excellent abrasion resistance and excellent seawater pitting resistance. The seawater resistant stainless clad steel is characterized in that: the pitting index represented by Cr (mass%) + 3.3Mo (mass%) + 16N (mass%) is at least 35.0; said stainless clad steel has as a mating material stainless steel having a surface s phase area ratio of less than 2.0%; and the coefficient of kinetic friction measured in the rolling direction and in the direction orthogonal to the rolling direction in compliance with JIS K 7125 (1999) is not more than 0.05 in either direction.

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

(22) Date of filing of Application :01/07/2014

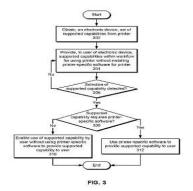
(43) Publication Date: 12/02/2016

(54) Title of the invention: ENABLING ACCESS TO SUPPORTED CAPABILITIES OF PRINTERS PRIOR TO INSTALLING PRINTER SPECIFIC SOFTWARE FOR THE PRINTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:01/02/2013 :WO 2013/116704	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 U.S.A. (72)Name of Inventor: 1)MILLER Howard A. 2)GHARAHGOUZLOO Mohammad R. 3)SUBRAMANIAM Baskaran
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The disclosed embodiments provide a system that facilitates use of a printer. During operation the system obtains on an electronic device a set of supported capabilities from the printer. Next the system provides to a user of the electronic device the set of supported capabilities within a workflow for using the printer without installing printer specific software for the printer. Upon detecting a selection of a supported capability from the provided set of supported capabilities by the user the system determines if the supported capability requires the printer specific software. If the supported capability does not require the printer specific software the system enables use of the supported capability by the user without using the printer specific software to provide the supported capability requires the printer specific software the system uses the printer specific software to provide the supported capability to the user.



No. of Pages: 21 No. of Claims: 24

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: FGF RECEPTOR (FGFR) AGONIST DIMERIC COMPOUNDS PROCESS FOR THE PREPARATION THEREOF AND THERAPEUTIC USE THEREOF

(51) International :C07D471/04,A61K31/437,A61P3/00

:France

:NA

:26/12/2012

:PCT/IB2012/057727

:WO 2013/098764

classification

(31) Priority Document No :FR 1162485 (32) Priority Date :28/12/2011

(33) Name of priority

country

(86) International

Application No

Filing Date (87) International

Publication No

(61) Patent of Addition to :NA

Application Number 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

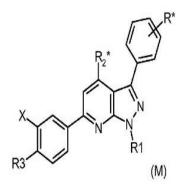
(72)Name of Inventor:

1)CLARY CECCATO Marie Line

2) GUILLO Nathalie

(57) Abstract:

121212The invention relates to novel heterocyclic compounds which are pyrazolopyridine derivatives that induce fibroblast growth factor receptor (FGFR) dimerization having the general formula: M L M in which M or M which may be identical or different each represent independently of one another a monomer unit M and L represents a linker group which links M and M covalently with the monomer unit which follows: Process for the preparation thereof and therapeutic use thereof.



No. of Pages: 44 No. of Claims: 16

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: SICKLE BLADE SHAPE FOR USE IN A SICKLE CUTTER SYSTEM WITH INCREASED GROUND **SPEED**

(51) International :A01D34/14,A01D34/18,B26D1/06 classification

:NA

:WO 2013/106929

(31) Priority Document No :61/587843 (32) Priority Date :18/01/2012

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

(86) International Application :PCT/CA2013/050026

No

:17/01/2013 Filing Date

(87) International Publication

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)MACDON INDUSTRIES LTD.

Address of Applicant :680 Moray Street Winnipeg Manitoba

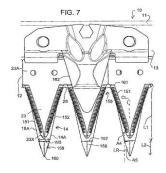
R3J 3S3 Canada

(72) Name of Inventor:

1)TALBOT Francois

(57) Abstract:

In a sickle cutting system it has been found that a significant increase in ground speed while maintaining an acceptable level of cutting efficiency as measured by the average stubble length can be obtained by a combination of one or more of the features where the cutting stroke is reduced from the conventional length of 3.0 inches to a value of the order of 2.0 inches; the length of the cutting edge of each knife blade is increased to a length greater than 2.2 inches; the width at the rear of the ledger surface of each guard is increased to greater than 1.0 inches; and the front edge of the blade is formed with an apex to shed crop material to one or other side of the apex.



No. of Pages: 49 No. of Claims: 14

(21) Application No.3265/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LOW DENSITY HIGH TEMPERATURE RESISTANT NONWOVEN THERMO ACOUSTIC ABSORBER AND AN ACOUSTIC INSULATION SYSTEM

(51) I	DOM	
(51) International classification	:D04H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:NA	Address of Applicant :of 3M Center, Post Office Box 33427,
(33) Name of priority country	:NA	Saint Paul, Minnesota 55133-3427, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Pal, Abhik
(87) International Publication No	: NA	2)Varghese, Alex
(61) Patent of Addition to Application Number	:NA	3)Hazra, Suparno
Filing Date	:NA	4)Madivala, Narasimha
(62) Divisional to Application Number	:NA	5)Bhattacharya Dhritisunder
Filing Date	:NA	

(57) Abstract:

The present invention relates to a lightweight, low density, high temperature resistant, porous nonresinated nonwoven acoustic absorber comprising a combination of staple fibers having crimps and low melting point binder fibers. The invention further relates to an acoustic insulation system comprising the acoustic absorber and a process for its production.

No. of Pages: 47 No. of Claims: 30

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : NOVEL ANTIVIRAL COMBINATION FOR TREATING ASIAN AND EAST CENTRAL SOUTH AFRICAN GENOTYPES OF CHIKUNGUNYA AND DENGUE VIRUS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. RAJARAJAN SWAMINATHAN
(32) Priority Date	:NA	Address of Applicant :COORDINATING PRINCIPAL
(33) Name of priority country	:NA	INVESTIGATOR, DBT PROJECT, BIOINFORMATICS
(86) International Application No	:NA	INFRASTRUCTURE FACILITY CENTRE OF DBT PG &
Filing Date	:NA	RESEARCH DEPT., OF MICROBIOLOGY &
(87) International Publication No	: NA	BIOTECHNOLOGY, PRESIDENCY COLLEGE(AUT),
(61) Patent of Addition to Application Number	:NA	UNIVERSITY OF MADRAS, CHENNAI - 5 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)PROF. DR. RAJARAJAN SWAMINATHAN
Filing Date	:NA	2)SANGEETHA KOTHANDAN

(57) Abstract:

ABSTRACT The invention relates to a novel combination of Tetracycline and Ribavirin in a single dosage form as an antiviral agent for treating Chikungunya and Dengue virus.

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

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : NOVEL ANTIVIRAL COMBINATION FOR TREATING ASIAN AND EAST CENTRAL SOUTH AFRICAN GENOTYPES OF CHIKUNGUNYA VIRUS AND METHOD FOR PRODUCING THE SAME

(51) International classification :C12Q (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)PROF. RAJARAJAN SWAMINATHAN Address of Applicant: COORDINATING PRINCIPAL INVESTIGATOR, DBT PROJECT, BIOINFORMATICS INFRASTRUCTURE FACILITY CENTRE OF DBT PG & RESEARCH DEPT., OF MICROBIOLOGY & BIOTECHNOLOGY, PRESIDENCY COLLEGE (AUT) UNIVERSITY OF MADRAS, CHENNAI - 5 Tamil Nadu India 2)SANGEETHA KOTHANDAN (72)Name of Inventor: 1)PROF. DR. RAJARAJAN SWAMINATHAN 2)SANGEETHA KOTHANDAN
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(57) Abstract:

ABSTRACT The present invention relates to method for isolating novel compound from Tectona grandis and a composition with pharmaceutically acceptable excipients for treating Chikungunya virus.

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

(21) Application No.3268/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : NOVEL COMPOUND AS AN ANTIVIRAL AGENT AGAINST THE ASIAN AND EAST CENTRAL SOUTH AFRICAN GENOTYPES OF CHIKUNGUNYA AND DENGUE VIRUS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. RAJARAJAN SWAMINATHAN
(32) Priority Date	:NA	Address of Applicant :COORDINATING PRINCIPAL
(33) Name of priority country	:NA	INVESTIGATOR, DBT PROJECT, BIOINFORMATICS
(86) International Application No	:NA	INFRASTRUCTURE FACILITY CENTRE OF DBT PG &
Filing Date	:NA	RESEARCH DEPT., OF MICROBIOLOGY &
(87) International Publication No	: NA	BIOTECHNOLOGY, PRESIDENCY COLLEGE (AUT)
(61) Patent of Addition to Application Number	:NA	UNIVERSITY OF MADRAS, CHENNAI - 5 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)PROF. DR. RAJARAJAN SWAMINATHAN
Filing Date	:NA	2)SANGEETHA KOTHANDAN

(57) Abstract:

ABSTRACT The invention relates to a novel combination of Doxycycline and Ribavirin in a single dosage form as an antiviral agent against Chikungunya and dengue virus.

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

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: MOTOR REDUCER WITH INTEGRATED BRAKE AND INVERTER FOR DIRECT TRANSMISSION TO THE WHEEL OF AN ELECTRICALLY DRIVEN VEHICLE

(51) International :B60K7/00,H02K7/116,H02K7/102 classification

(31) Priority Document No :UD2012A000001 (32) Priority Date :03/01/2012

(33) Name of priority country: Italy

(86) International Application :PCT/EP2012/005390

No :28/12/2012 Filing Date

(87) International Publication :WO 2013/102484

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

Filing Date

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

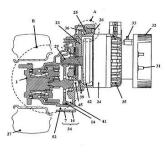
(71)Name of Applicant: 1)PMP PRO MEC S.P.A.

Address of Applicant: Via dellIndustria 2 I 33030 Coseano

(72)Name of Inventor: 1)POZZO Luigino

(57) Abstract:

Gear motor (51) with integrated brake (49) for direct drive to the driving wheel (27) of an electric traction vehicle where a traction motor (24) is integrated with a gear reducing device (50) connectable to the driving wheel (27) of the electric traction vehicle in correspondence with a hub (1) where the gear reducing device (50) is housed into a structural supporting box (7) connectable to the vehicle by means of fixing holes (52) the traction motor (24) having a supporting casing fixed to the box as a cover (16) the box (7) and the cover (16) constituting a single structural supporting casing (34) of the gear motor (51) where the traction motor (24) is a motor (24) whose transmission shaft is coupled in correspondence of a first pinion of the gear reducing device (50) or is integral with it and where the motor control inverter (32) is housed in correspondence of the closure head of the motor (24).



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

(22) Date of filing of Application :01/07/2014

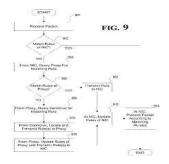
(43) Publication Date: 12/02/2016

(54) Title of the invention: CONTROLLING A NETWORK INTERFACE USING VIRTUAL SWITCH PROXYING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06F9/455 :61/568104 :07/12/2011 :U.S.A. :PCT/US2012/068263 :06/12/2012 :WO 2013/086204 :NA :NA :NA	(71)Name of Applicant: 1)CITRIX SYSTEMS INC. Address of Applicant:851 W. Cypress Creek Road Fort Lauderdale Florida 33309 U.S.A. (72)Name of Inventor: 1)BURSELL Michael
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(57) Abstract:

Methods and systems for permitting a controller within a virtualization environment to control access to devices virtualized within hardware are described herein. For example a NIC may be able to request rules that define how network traffic is managed at the NIC s virtual switch. In some arrangements the NIC may transmit a query for the matching rule to a proxy which may determine whether it has a rule matching the request. If the proxy does not have a matching rule the proxy may query a controller for the matching rule which may transmit the rule to the proxy. The proxy may update its store of rules and transmit the matching rule to the NIC. Upon receipt of the matching rule the NIC may update the rules stored in its virtual switch and may process the packet in accordance with the matching rule.



No. of Pages: 61 No. of Claims: 20

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTRIC APPLIANCE STANDBY ELECTRICITY-SAVING CONTROL 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 	:H04W :10320787 :04/06/2014 :Taiwan :NA :NA :NA	(71)Name of Applicant: 1)SGET CORP. Address of Applicant:7F-1, NO.111, WUQUAN 1ST RD., XINZHUANG DIST., NEW TAIPEI CITY 242 Taiwan (72)Name of Inventor: 1)LAI, TSIN-LEE RONNIE 2)CHEN, CHIH-HONG 3)NGU, ING JENNY
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

An electric appliance standby electricity-saving control device includes an electricity-saving message access interface and an electricity-saving message storage device. The electricity-saving message storage device stores therein an electricity-saving message. A reading device is allowed to read, through the electricity-saving message access interface and with a predetermined communication protocol, the electricity-saving message stored in the electricity-saving message storage device. The electricity-saving message access interface can be one of a radio frequency communication interface, a Wifi communication interface, and a Bluetooth communication interface and can also be a plug-in transmission interface.

No. of Pages: 14 No. of Claims: 4

(21) Application No.3208/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: LIGHT EMITTING DEVICE

(57) Abstract:

Provided is a light emitting device in which deterioration of the substrate member can be reduced. The light emitting device includes a base member mainly made of a resin, a plurality of wiring portions and arranged on the base member via an adhesive agent, a groove portion defined between adjacent wiring portions, and at least one light emitting element which is disposed straddling at least a part of the groove portion. The adhesive agent is applied covering the base member from the groove portion, and contains a light-shielding member. The light-shielding member shields the base member from light, for example at a specific wavelength, emitted from the at least one light emitting element.

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

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: WEARABLE OCULAR HEALTH MONITORING DRESS PART AND THEREOF

(51) International classification	:G08B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Innovation Centre, Manipal University
(32) Priority Date	:NA	Address of Applicant :MIT, Manipal 576104, Karnataka,
(33) Name of priority country	:NA	India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Ramesh Sathyamangalam Venkatasubbu
(87) International Publication No	: NA	2)Krithica Srinivasan
(61) Patent of Addition to Application Number	:NA	3)Vijay Varada
Filing Date	:NA	4)Nijil Sanker Arayamparambil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT In one aspect of the present invention, wearable neck tie comprising at least one sensor, a control circuitry and a notification device. The sensor is configured to sense collar pressure. And, the control circuitry is configured to alarm when the collar pressure is greater than the threshold value. Also, the notification device is configured to set off a notification when the alarm is set high. In one embodiment, set of sensors are mounted along the length of the wearable neck tie and the collar pressure is determined from at least one sensor nearest to the collar. In another embodiment, at least one sensor is mounted such that it may slide along the length of the tie to locate near the collar for sensing the collar pressure.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : MICROCAPSULE DISPERSION CONTAINING MICROCAPSULES HAVING A HYDROPHILIC CAPSULE CORE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 (87) International Publication No Sumber Filing Date (88) International Publication No Sumplement Sum Sumplement Sum	3)KELLER Harald
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(57) Abstract:

124The invention relates to microcapsule dispersions containing microcapsules comprising a hydrophilic capsule core and a capsule wall polymer which capsule wall polymer can be obtained by polymerizing a monomer composition comprising 25 to 95 wt% of one or more C C alkyl and/or glycidyl esters of acrylic acid and/or methacrylic acid up to 75 wt% of one or more hydrophilic monomers selected from acrylic acid esters and/or methacrylic acid esters that bear hydroxy and/or carboxy groups and allyl gluconamide 0 to 40 wt% of one or more compounds having two or more ethylenically unsaturated groups wherein the microcapsules are dispersed in a hydrophobic diluent. The invention further relates to the microcapsules to a method for producing the microcapsules and to the use of the microcapsules for the delayed release of active ingredients for construction cosmetic or plant protection applications.

No. of Pages: 26 No. of Claims: 14

(21) Application No.3201/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INFANT CARE SYSTEM

(51) International classification	:A47D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, RAVI
(87) International Publication No	: NA	2)RAMCHANDRAN NAIR, SANTHOSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An infant care system for wanning infants is disclosed. The infant care system comprises a supporting structure and an infant enclosure. The infant enclosure is assembled onto the supporting structure and capable of holding an infant. The infant enclosure includes a plurality of walls for forming the enclosure. The plurality of walls is capable of providing heat energy into the infant enclosure for the infant. An electric source is electrically connected to the plurality of walls for providing power to these walls for generating the heat energy for warming the infant.

No. of Pages: 16 No. of Claims: 10

(21) Application No.3202/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION DEGARELIX ACETATE

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant: 1)AURO PEPTIDES LTD
(32) Priority Date	:NA	Address of Applicant :THE WATER MARK BUILDING,
(33) Name of priority country(86) International Application No	:NA :NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY, HYDERABAD - 500 084 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AGASALADINNI NAGANA GOUD
(61) Patent of Addition to Application Number	:NA	2)MOHAMMED ABDUL SHAFEE
Filing Date	:NA	3)MALLEPATI KISHORE KUMAR
(62) Divisional to Application Number	:NA	4)SANDIP BALASAHEB ADAK
Filing Date	:NA	

(57) Abstract:

A process for the preparation of Degarelix or a pharmaceutically acceptable salt thereof using combined solid phase peptide synthesis (SPPS) and liquid phase peptide synthesis (LPPS) by Fmoc strategy, proceeding via 9+] fragment protocol and also a process for the preparation of Degarelix or a pharmaceutically acceptable salt thereof by the solid phase peptide synthesis (SPPS) using novel resin linkers.

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

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: TRAILING ARM ATTACHEMENT STRUCTURE

(51) International classification	:B62D	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(31) Friority Document No	142833	Address of Applicant :300 TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:08/07/2013	KU, HAMAMATSU, SHIZUOKA 432-8611 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHINEI MOCHIZUKI
Filing Date	:NA	2)YOSHITAKA MASAKI
(87) 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 trailing arm attachment structure is provided by which high rigidity can be obtained at the trailing arm attachment location while suppressing an increase in vehicle weight and cost. A trailing arm attachment structure 100 according to the present invention is configured to attach trailing arms 106a and 106b that are connected to a torsion beam 104 to a vehicle 100a and includes a side member 110, a side sill 120 that is arranged on the vehicle exterior side with respect to the side member, a side bracket 130 that is joined to the end of the side sill and to which the trailing arm is attached, and a bracket reinforcer 140 that is joined to the side bracket, wherein the side sill includes an upright face 122 on the vehicle interior side and a lower face 124 that extends from the lower end of the upright face to the vehicle exterior side, and the bracket reinforcer is in contact with the upright face and the lower face of the side sill and has a first site 144 that is joined to at least the lower face.

No. of Pages: 18 No. of Claims: 5

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR THERMAL ERROR COMPENSATION IN MACHINES USING VISION MEASUREMENT

(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE Address of Applicant: Tumkur Road, Bangalore 560 022 Karnataka India (72)Name of Inventor: 1)S Usha 2)V Kavitha
Filing Date	:NA	

(57) Abstract:

A system for detecting and compensating a machine tool spindle offset in a machine due to thermal errors, includes a camera, a calibration plate having a plurality of circular markings, and a digital processing unit for detecting and compensating the machine tool spindle offset. The digital processing unit detects and compensates machine tool spindle offset by finding the initial reference position of spindle housing by identifying the initial position of camera when the machine tool spindle is at cold state and similarly finding the position of spindle housing during the machine tool spindle operation by identifying the position of the camera at a predetermined time interval after stopping the operation of machine tool spindle to detect the offset values of machine tool spindle, based on the initial reference position of the machine tool spindle housing and providing the offset values to the controller of the machine for compensation.

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

(21) Application No.5004/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ESTIMATION OF ENERGY EXPENDITURE

(51) International classification :A61B5/083,A
(31) Priority Document No :1120909.5
(32) Priority Date :06/12/2011
(33) Name of priority country :U.K.

(86) International Application No
Filing Date

PCT/EP2012/074523
:05/12/2012

(87) International Publication No :WO 2013/083640 (61) Patent of Addition to Application

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

:A61B5/083,A61M16/00 (71)Name of Applicant :

1)TECOM AS

Address of Applicant :P.O. Box 6031 NO 5892 Bergen

Norway

(72)Name of Inventor:

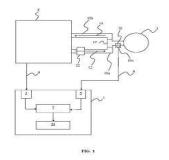
1)BRIX Ole

2)FLAATTEN Hans

3) GUTTORMSEN Anne Berit

(57) Abstract:

An apparatus (1) for estimating the energy expenditure of a patient (2) comprises means (3) for receiving a set of measurements (6) from a ventilator (4) wherein the set of measurements (6) comprises at least one gas concentration measurement. The apparatus (1) further comprises means (7) for estimating the energy expenditure of the patient (2) based on the set of measurements (6).



No. of Pages: 35 No. of Claims: 48

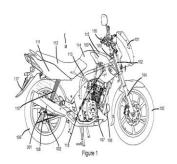
(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EVAPORATIVE EMISSION CONTROL SYSTEM FOR A MOTORCYCLE

(51) International classification		(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)RAMESH VAIDHEESWARAN
(61) Patent of Addition to Application Number	:NA	2)PS ARULMURUGAN
Filing Date	:NA	3)BABU RENGARAJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Given description discloses an evaporative emission control system for a motorcycle in that the canister is mounted in the space between a fuel tank and the head tube through multiple mounting brackets. In this mounting arrangement a rollover valve is mounted between the canister and the fuel tank and a purge valve is mounted between the canister and a carburettor unit of an engine. In claimed mounting location and arrangement, the canister is located near to fuel tank and as well as the throttle body thus this location minimise the hose length. This reduction in hose length results in reducing the evaporative emissions through permeation and also improves the cost effectiveness of the system. To be accompanied with Figure 1



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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTEGRATED CONSTRUCTED WETLANDS FOR THE TREATMENT OF WASTE WATER

(51) International classification	:C02F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Honey Clean Technologies Ltd
(32) Priority Date	:NA	Address of Applicant: 701, 7th Floor, Chenoy Trade Centre
(33) Name of priority country	:NA	Park Lane, Secunderabad Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sravan Banda
(87) International Publication No	: NA	2)Srinivasa Chakravarthy Gali
(61) Patent of Addition to Application Number	:NA	3)Sudhakiran Banda
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to water treatment plant and a process for the treatment of waste water. Particularly, the present invention relates to Integrated Constructed wetlands and a process for treating waste water to reduce the TDS, COD, BOD and TSS using integrated constructed wetlands.

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

(22) Date of filing of Application :02/07/2014

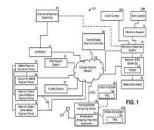
(43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING A PERSONALIZED SHOPPING EXPERIENCE AND PERSONALIZED PRICING OF PRODUCTS AND SERVICES WITH 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06Q30/06 :61/586900 :16/01/2012 :U.S.A. :PCT/US2012/070475 :19/12/2012 :WO 2013/109378 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International Ip Administration 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)DESSERT Robert L. 2)CANTERBURY Robert 3)MONAHAN Scott
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for providing a personalized shopping experience with a portable computing device (PCD) are described. The system and method may include checking in PCD consumers upon entering an establishment of a merchant. The checking in of the PCD consumer may include verifying credentials for gaining access to a central mobile payment controller and receiving a merchant identifier corresponding to a merchant from a computer communications network. Next a scan of a machine readable code associated with at least one of a good and a service may be received. Information associated with the machine readable code may be retrieved from a database. Subsequently a personalized price for the at least one good or service may be determined by applying one or more rules. The personalized price may be transmitted over a computer communications network to the portable computing device for display to the PCD consumer.



No. of Pages: 95 No. of Claims: 40

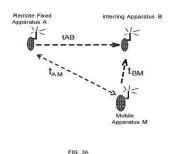
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INFERRED TIME OF FLIGHT RANGING

(51) International classification	:G01S5/14,G01S13/87	(71)Name of Applicant:
(31) Priority Document No	:13/371231	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/02/2012	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/US2013/025231	(72)Name of Inventor:
Filing Date	:07/02/2013	1)MEADOR James Chester
(87) International Publication No	:WO 2013/119878	2)BURNS David William
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus and method to determine a distance to a second apparatus that is movable. The apparatus and method may detect a range request transmitted between a third apparatus and the second apparatus wherein the third apparatus is geographically fixed detect a range response transmitted between the second apparatus and the third apparatus in response to the range request and determine the distance to the second apparatus based on the detected range request and range response at the apparatus.



No. of Pages: 45 No. of Claims: 59

(21) Application No.5007/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ORAL CAVITY SENSOR

(57) Abstract:

The present application proposes an oral cavity sensor with which it is possible to carry out an analysis of tongue operations in greater detail than before. With an oral cavity sensor (1) comprising even a sensor element (7) having a mechanical configuration with which each external force component in three axes is measurable it would be possible to protect the sensor element (7) with an elastic body (9) it would be possible for a subject (EXA) to securely attach the sensor element (7) or the elastic body (9) within the oral cavity (MT) and measure each external force component in three axes by covering the elastic body (9) overall with a coating film (11a) formed from a biological conforming material and based on each external force component in three axes it is possible to analyze complex tongue operations in the oral cavity (MT) when masticating or swallowing in greater detail than before.

No. of Pages: 103 No. of Claims: 7

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A HEAT SINK FOR AN ELECTRICAL DEVICE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Sin A Filing Date (NA Filing Date	Address of Applicant: 123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka India 2)Robert Bosch GmbH (72)Name of Inventor: 1)MURIGESAN Jayakumar
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(57) Abstract:

The various embodiment of the present disclosure provides a heat sink 100 for an electrical device. The heat sink 100 comprises at least one metallic plate 102, at least one metallic ring 104 and at least one mounting means 106. The at least one metallic plate 102 dissipates heat generated in said electrical device to surrounding. The at least one metallic ring 104 is integrated to the metallic plate 102 to hold a heat generating element 108 and for extracting heat from the same. The mounting means 106 enables the heat sink 100 to be mounted on the electrical device. Reference figure: Figure 1

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

(21) Application No.3210/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR VERIFYING INTEGRITY OF DATA IN AN ELECTRONIC CONTROL UNIT (ECU) OF A VEHICLE

(51) International classification	·C06E	(71) Name of Applicant
(31) Priority Document No	:NA	(71)Name of Applicant:
· · · · ·		1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NEELAKANTAN Sriram Subramanian
Filing Date	:NA	2)BHATTACHARYA Debojyoti
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system 100 for verifying integrity of data in an electronic control unit (ECU) 101 of the vehicle is disclosed. The system 100 comprises a testing tool 102 in communication with the ECU 101. The system 100 comprises a request validation means 101a of the ECU 101 to validate a data integrity verification request from a testing tool 102 by the ECU 101; an integrity verification state access means 101b of the ECU 101 to enter into an integrity verification state by the ECU 101 based on the validation of the data integrity verification request; and a data integrity check execution means 101c of the ECU 101 to execute a data integrity check by the ECU 101 in the integrity verification state. Reference figure: Figure 1

No. of Pages: 12 No. of Claims: 8

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A DEVICE TO CONTROL A CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification :F	F16H	(71)Name of Applicant:
(31) Priority Document No :N	NA	1)Bosch Limited
(32) Priority Date :N	NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country :N	NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No :N	NA	2)Robert Bosch GmbH
Filing Date :N	NA	(72)Name of Inventor:
(87) International Publication No :	NA	1)HARIPRASAD Gowrisankar
(61) Patent of Addition to Application Number : N	NA	
Filing Date :N	NA	
(62) Divisional to Application Number :N	NA	
Filing Date :N	NA	

(57) Abstract:

The various embodiment of the present disclosure provides a device to control a CVT. The device comprises an actuator 112, a memory element 120 and a control unit 118. The actuator 112 is operatively coupled to a movable sheave 110 of a secondary pulley of the CVT. The memory element 120 is adapted to store desired engine speed corresponding to BSFC and belt 106 efficiency for at least one operating condition corresponding. The control unit 118 controls the actuator 112 to adjust the position of the movable sheave 110. The control unit 118 measures an actual engine speed from at least one engine speed sensor, retrieves a desired engine speed from the memory element 120 and determines a difference between the same. The control unit 118 then computes a required clamping force of the belt and controls the actuator 112 based on the determined difference and the belt efficiency. Fig: 1

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ABSORBENT ARTICLE AND METHOD OF MANUFACTURING SAME

(51) International classification :A61F13/15,A61F13/00,A61F13/472

(31) Priority Document No :2011289970 (32) Priority Date :28/12/2011

(33) Name of priority :Japan

country

(86) International :PCT/JP2012/082977
Application No :PCT/JP2012/082977

Filing Date :19/12/2012

(87) International Publication No :WO 2013/099739

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

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

(71)Name of Applicant:

1)UNICHARM CORPORATION

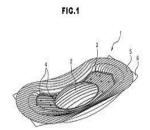
Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72)Name of Inventor:
1)NODA Yuki

2)TAMURA Tatsuya 3)HASHINO Akira

(57) Abstract:

An objective of the present invention is to provide an absorbent article with which both when dry prior to absorbing blood and when wet after absorbing blood is provided with a fit in a wearer s excretory orifice especially the labia minora and which is not prone to leaking. Provided is an absorbent article (1) including a liquid permeable top sheet (5) a non liquid permeable back sheet (9) and an absorbent body (8) between the liquid permeable top sheet (5) and the non liquid permeable back sheet (9). The absorbent article (1) further comprises a center high part (2) which protrudes in the thickness direction of the absorbent article in an excretory orifice contact region. The center high part (2) further includes a portion of the top sheet (5) and a cushion part (7) which is positioned between the top sheet (5) and the absorbent body (8). The center high part (2) further includes a central part (11) and an outer circumference part (12) which surrounds the central part (11). The density of the cushion part (7) in the outer circumference part (12) is greater than the density of the cushion part (7) in the central part (11).



No. of Pages: 106 No. of Claims: 15

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT

(51) International classification	:B01D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vivekananda Kendra
(32) Priority Date	:NA	Address of Applicant :Vivekanandapuram, Kanyakumari
(33) Name of priority country	:NA	629702, Tamil Nadu, India. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)G. Vasudeo
(87) International Publication No	: NA	2)V. Ramakrishnan
(61) Patent of Addition to Application Number	:NA	3)V. Muneeswaran
Filing Date	:NA	
(62) Divisional to Application Number	:1604/CHE/2009	
Filed on	:07/07/2009	

(57) Abstract:

ABSTRACT TITLE: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT The invention comprises a biogas producing apparatus comprising gas holder drum, a digester and an outlet pipe such that the pipe originates inside the digester tank near upper end. The apparatus further comprises one or more of the following features: (a) gas holder having built in structural design features as scum breakers, (b) gas holder drum having a central pipe (a guide pipe) (c) inlet pipe wherein the inlet pipe is integrated with the gas holder drum, (d) the inlet pipe integrated with the gas holder drum is attached to the central pipe, , (e) a pipe that is provided at its bottom with an emergency slurry drain (11), (f) a water jacket around the digester, (g) an outlet water drain which connects to the water jacket, and (h) providing a substrate drain for emptying contents of the digester,

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT •

(51) International classification	:E21F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vivekananda Kendra
(32) Priority Date	:NA	Address of Applicant :Vivekanandapuram, Kanyakumari
(33) Name of priority country	:NA	629702, Tamil Nadu, India. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)G. Vasudeo
(87) International Publication No	: NA	2)V. Ramakrishnan
(61) Patent of Addition to Application Number	:NA	3)V. Muneeswaran
Filing Date	:NA	
(62) Divisional to Application Number	:1604/CHE/2009	
Filed on	:07/07/2009	

(57) Abstract:

ABSTRACT TITLE: IMPROVED BIO-DEGRADABLE WASTE BASED BIO-METHANATION PLANT The invention comprises a biogas producing apparatus comprising gas holder drum, a digester and a water jacket around the digester. The apparatus further comprises one or more of the following features: (a) gas holder having built in structural design features as scum breakers, (b) gas holder drum having a central pipe (a guide pipe) (c) an inlet pipe wherein the inlet pipe is integrated with the gas holder drum. (d) the inlet pipe integrated with the gas holder drum is attached to the central pipe, (e) an outlet pipe such that the pipe originates inside the digester tank near upper end, (f) a pipe that is provided at its bottom with an emergency slurry drain (11), , (g) an outlet water drain which connects to the water jacket, and (h) providing a substrate drain for emptying contents of the digester, .

No. of Pages: 19 No. of Claims: 9

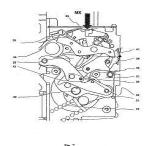
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : ELECTRICAL POWER CIRCUIT BREAKER HAVING A POWER BATTERY AND A DEVICE FOR THE IMPROVED INDICATION OF THE OPERATIONAL STATE

:H01H3/30,H01H71/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SCHNEIDER ELECTRIC INDUSTRIES SAS :1200058 (32) Priority Date Address of Applicant :35 rue Joseph Monier F 92500 Rueil :06/01/2012 (33) Name of priority country Malmaison France :France (86) International Application No :PCT/FR2013/000007 (72) Name of Inventor: Filing Date :07/01/2013 1)ROELANDT Hubert (87) International Publication No :WO 2013/102726 2) EMEYRIAT Frank (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to an electrical power circuit breaker having a power battery and an indicator device that comprises an indicator lever (41) having an indicator light (39) and a cam (42) for indicating the activated and inactivated states of the activating mechanism. The indicator cam (42) is mounted onto the activating shaft (29) near the charging cam (28) and has a notch (43) for receiving the indicator lever (41) when the mechanism is in the charged state. The indicator cam (42) comprises a single bar for gradually positioning the indicator lever (41) up to said notch (43) so as to ensure the locking of the opening latch (26) that is kept in a tripped position by means of the auxiliary shunt trip (MX).



No. of Pages: 24 No. of Claims: 4

(22) Date of filing of Application :02/07/2014

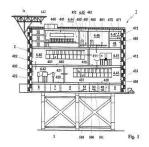
(43) Publication Date: 12/02/2016

(54) Title of the invention : SEALED AND GAS INSULATED HIGH VOLTAGE CONVERTER ENVIRONMENT FOR OFFSHORE 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 (61) Patent of Addition to Application 	:H02B5/00,H02B5/06 :PCT/EP2011/072496 :13/12/2011 :EPO :PCT/EP2012/075243 :12/12/2012 :WO 2013/087700	Switzerland (72)Name of Inventor: 1)TERWIESCH Peter
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	5)KRAMER Axel 6)NORRGA Staffan 7)PAUL Thomas Alfred 8)RIECHERT Uwe 9)SVENSSON Jan R. 10)DIJKHUIZEN Frans
		11)INGOLD Mathias

(57) Abstract:

The present invention relates to an offshore converter station (1) comprising at least one sealable room (4) containing amongst others a high voltage SF6 insulated converter installation. This sealed but enterable room is filled with a non toxic dielectric insulation gas containing next to dry air for example fluoroketone or hydrofluoro monoether. This allows for a smaller footprint of the offshore converter station.



No. of Pages: 69 No. of Claims: 46

(22) Date of filing of Application :01/07/2014

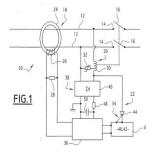
(43) Publication Date: 12/02/2016

(54) Title of the invention : DIFFERENTIAL PROTECTION DEVICE FOR A DISCONNECTING APPARATUS, AND ELECTRIC DISCONNECTING APPARATUS COMPRISING ONE SUCH DEVICE

(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 (83) International Publication Number Filing Date (84) Patent of Addition to Application Number Filing Date (85) Divisional to Application Number Filing Date (86) Divisional to Application Number Filing Date (87) Priority Document No Filing Date Filing Date (88) Priority Document No Filing Date (89) Priority Document No Filing Date (80) Priority Document No Filing Date (80) Priority Document No Filing Date (80) Priority Document No Filing Date (81) Priority Document No Filing Date (81) Priority Document No Filing Date (81) Priority Date (82) Priority Date (83) Priority Date (84) Priority Date (85) Priority Date (86) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (88) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (88) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (88) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (87) Priority Date (88) Priority Date (87) Priority Dat	(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)BROQUIE, Vincent 2)TIAN, Simon 3)MEUNIER-CARUS, Jr´me
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(57) Abstract:

This differential protection device (22) is designed for an electric disconnecting apparatus (10), the disconnecting apparatus (10) comprising at least one fixed contact (14) suitable for being connected to a corresponding electrical conductor (12), at least one movable contact (16) between a closed position, wherein it is electrically connected to the corresponding fixed contact (14), and an open position, wherein it is electrically isolated from the corresponding fixed contact (14), and an actuator (20) for activating the opening of the movable contacts (16) when a differential fault is detected. The differential protection device (22) comprises a control member (34) for controlling the actuator (20). The differential protection device (22) further comprises measuring means (40) for measuring an electrical variable associated with the control member (34) and inhibiting means (42) for inhibiting the control member (34) when the measured electrical variable satisfies a predetermined criterion. Figure 1



No. of Pages: 34 No. of Claims: 17

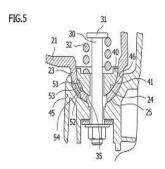
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DOOR MIRROR MOUNTING STRUCTURE

(51) International classification	:B60R21/00	(71)Name of Applicant:
(31) Priority Document No	:2013- 159126	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:31/07/2013	Hamamatsu-shi, Shizuoka-ken, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)UMEZAWA, Shin
Filing Date	:NA	2)OBA, Keizo
(87) International Publication No	: NA	3)IMAKAMA, Hiroyuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

[Problem to be solved] To improve operability in opening and closing door mirrors. [Solution] A door mirror mounting structure includes a housing 20 having a slider 23 provided between a retainer 40 and base 45. The slider 23 includes a retainer-side sliding surface 24 configured to slide over a first spherical surface 41 of the retainer 40 and a base-side sliding surface 25 configured to slide over a second spherical surface 46 of the base 45. Recesses 51 to 54 are provided in opposing surfaces of at least one of pairs of contact surfaces, where the pairs of contact surfaces include a pair of the first spherical surface 41 and the retainer-side sliding surface 24 and a pair of the second spherical surface 46 and the base-side sliding surface 25. Figure 5



No. of Pages: 28 No. of Claims: 7

(22) Date of filing of Application :04/07/2014

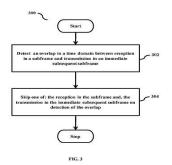
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM FOR PREVENTING AN OVERLAP BETWEEN RECEPTION AND TRANSMISSION BY USER EQUIPMENT

(51) International classification(31) Priority Document No(32) Priority Date	:H04L5/00 :NA :NA	(71)Name of Applicant : 1)Samsung R & D Institute India- Bangalore Private Limited
(33) Name of priority country	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Anil Agiwal
Filing Date	:NA	2)Hyunseok Ryu
(62) Divisional to Application Number	:NA	3)Youngbin Chang
Filing Date	:NA	

(57) Abstract:

Embodiments herein provide a method for preventing an overlap between reception and transmission by user equipment (UE) for a Device to Device (D2D) communication. The method includes detecting the overlap in a time domain between the reception in a subframe and the transmission in an immediate subsequent subframe. The method includes skipping one of: the reception in the subframe and, the transmission in the immediate subsequent subframe on detection of the overlap. FIG. 3



No. of Pages: 42 No. of Claims: 19

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: ORAL CARE APPLIANCE WITH HYDRODYNAMIC CAVITATION ACTION

(51) International :A61C17/02,A61C17/22,A61C17/36 classification

(31) Priority Document No :61/580397 (32) Priority Date :27/12/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/IB2012/057261 Application No

:13/12/2012 Filing Date

(87) International Publication :WO 2013/098691

(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)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)JOHNSON Bethany Joyce

2)KLOSTER Tyler G.

3)TACK Johannes Willem

(57) Abstract:

An appliance body which includes a fluid delivery system providing a fluid flow to the appliance body and an exit for the fluid. A cavitation assembly is responsive to the fluid flow and includes a constriction or obstruction member wherein the flow rate to and through the cavitation assembly and the flow velocity and other factors results in a cavitation number in the range of 0.1 to 6 so that hydrodynamic cavitation is produced at the exit of the appliance for delivery to a treatment surface.

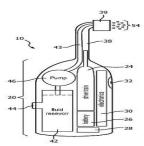


FIG. 1

No. of Pages: 19 No. of Claims: 29

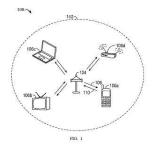
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR WIRELESS COMMUNICATION OF LONG DATA UNITS

:H04L5/00,H04L25/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/584170 (32) Priority Date :06/01/2012 Address of Applicant : ATTN: INTERNATIONAL IP (33) Name of priority country ADMINISTRATION 5775 Morehouse Drive San Diego :U.S.A. (86) International Application No :PCT/US2012/071053 California 92121 1714 U.S.A. Filing Date (72) Name of Inventor: :20/12/2012 (87) International Publication No :WO 2013/103543 1)YANG Lin (61) Patent of Addition to Application 2) VAN NEE Didier Johannes Richard :NA 3)VERMANI Sameer :NA Filing Date 4)SAMPATH Hemanth (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Systems methods and devices for communicating long packets are described herein. In one aspect an apparatus for wireless communication includes a receiver and a processor. The receiver wirelessly receives via wireless local area network a data unit comprising a plurality of training fields interposed between data symbols. The plurality of training fields includes a first training field followed by a second training field. The first training field includes a gain control sequence and the second training field includes a channel estimation sequence. The processor decodes at least one data symbol based on the plurality of training fields. In another aspect an apparatus for wireless communication includes a processor and a transmitter. The processor generates a data unit comprising a plurality of training fields inserted between data symbols and the transmitter wirelessly transmits the data unit via wireless local area network.



No. of Pages: 76 No. of Claims: 44

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SHAVER

(51) International classification :A61B18/20,B23K26/40,B26B19/04

(31) Priority Document No :11195740.3 (32) Priority Date :27/12/2011

(33) Name of priority country:EPO

(86) International Application: PCT/IB2012/057171

Filing Date :11/12/2012

(87) International Publication :WO 2013/098685

No (61) Patent of Addition to NA

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number

Eiling Date
:NA

Filing Date

(71) Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant: High Tech Campus 5 NL 5656 AE

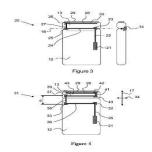
Eindhoven Netherlands (72)Name of Inventor:

1)MOESKOPS Bastiaan Wilhelmus Maria

2)JOHNSON Mark Thomas 3)VERHAGEN Rieko

(57) Abstract:

A shaver is disclosed that comprises a handle (12) and a cutting head (13) that are arranged to move relative to each other via a rotational and/or translational axis (16 17). This movement facilitates skin contour following during shaving to achieve a close cut. The handle (12) comprises a laser source that emits a laser beam and the shaver has an optical system that includes optical elements (23 25 26 37 40 42) to direct a part of a laser beam so that it coincides with the rotational axis and/or is parallel to the translational axis. In this way when the cutting head (13) is moved the optical alignment between the laser source optical elements (23 25 26 37 40 42) and cutting zone (28) does not change.



No. of Pages: 17 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5035/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: GARMENT STEAMER

(51) International :D06F87/00,D06F75/00,A61H33/06

classification

:11195737.9 (31) Priority Document No (32) Priority Date :27/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/IB2012/057658

:22/12/2012 Filing Date

(87) International Publication :WO 2013/098756

(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:

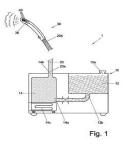
1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor: 1)CHUA Hee Keng

A steam head (130) for a garment steamer comprising a handle (132) a steam duct extending through or otherwise connected to the handle having an upstream portion (134) with an upstream end (134a) that is configured to be connected to a steam hose (20) and a downstream portion (150) with a downstream end (150b) that defines a steam ejection opening (157) a frontal contact surface (156) that is at least partially provided for by a circumferential edge (155) of the steam ejection opening (157) and that that is configured to be in grazing contact with a garment when during use steam is released from the steam ejection opening (157) onto the garment wherein a surface area of the frontal contact surface is smaller than an area of the steam ejection opening. According to the invention the steam head further comprises a drainage tube (160) extending between a condensate inlet end (160a) and a condensate outlet end (160b) wherein the condensate inlet end (160a) is disposed within the downstream portion (150) of the steam duct while the

condensate outlet end (160b) is disposed elsewhere for instance connected to a water reservoir (12) or a boiler (14) of the garment steamer (1) or to a dedicated condensate collector (176).



No. of Pages: 26 No. of Claims: 11

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: LIGHTING DEVICE COMPRISING A REFLECTOR DEVICE

(51) International classification :F21V7/00,F21K99/00,F21Y103/00

(31) Priority Document No :61/580402

(32) Priority Date :27/12/2011
(33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/057471

No :19/12/2012

Filing Date

(87) International Publication :WO 2013/098723

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71) Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant :c/o High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

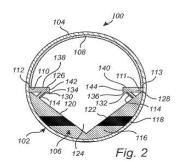
1)YU Jianghong 2)MOS Barry

3) VERBEEK Gilbert Martinus

4) CENNINI Giovanni

(57) Abstract:

The present invention relates to a lighting device (100) comprising a tubular portion (102) which is elongate and which has a light transmissive light outlet portion (104); solid state light emitting elements (114) generating light which is outlet through the light outlet portion (104); a reflector (106) mounted within the tubular portion (102); and a light diffusing element (108) which is arranged to diffuse the generated light before being emitted from the lighting device (100). The reflector (106) is non planar and defines a reflector opening (146). The solid state light emitting elements (114) are mounted at the reflector (106) and the reflector (106) is provided with at least one shielding portion (126 128) shielding the generated light from passing directly from the solid state light emitting elements (114) through the reflector opening (146).



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: REFLECTOR DEVICE AND LIGHTING DEVICE COMPRISING SUCH A REFLECTOR DEVICE

(51) International classification :F21V7/00,F21K99/00,F21Y103/00

(31) Priority Document No :61/580365 (32) Priority Date :27/12/2011

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

(86) International Application :PCT/IB2012/057380

No :17/12/2012

Filing Date (87) International Publication

:WO 2013/098700

(61) Patent of Addition to Application Number :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:

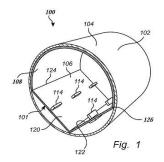
1)VERBEEK Gilbert Martinus

2) VAN DELDEN Martinus Hermanus Wilhelmus Maria

3)BOUWENS Henricus Johannes Joseph

(57) Abstract:

A reflector device comprising a reflector (106) having an inner surface (120 122) and at least one solid state light emitting element (114). The inner surface of the reflector comprises first and second surface portions (120 122) which are flat and which extend in planes intersecting at an angle. The at least one solid state light emitting element (114) is mounted at at least one of said first and second surface portions (120 122) such that a major part of the light emitted from said at least one solid state light emitting element (114) illuminates the other one of said first and second surface portions (120 122).



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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONVERSION OF SOLID BIOMASS INTO A LIQUID HYDROCARBON MATERIAL •

(51) International classification	:c10g	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:NA	MAATSCHAPPIJ B.V.
(33) Name of priority country	:NA	Address of Applicant :Carel van Bylandtlaan 30, 2596 HR -
(86) International Application No	:NA	The Hague, The Netherlands Netherlands
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Vikrant Nanasaheb URADE
(61) Patent of Addition to Application Number	:NA	2)Laxmi Narasimhan CHILKOOR SOUNDARARAJAN
Filing Date	:NA	3)Srikant GOPAL
(62) Divisional to Application Number	:NA	4)Madhusudhan Rao PANCHAGNULA
Filing Date	:NA	5)Alan Anthony DEL PAGGIO

(57) Abstract:

The invention relates to a process for converting a solid biomass material into a liquid hydrocarbon material suitable for use as a fuel or as a blending component in a fuel.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD TO DYNAMICALLY MANAGE APPLICATION TRAFFIC BY BANDWIDTH APPORTIONING ON A COMMUNICATION DEVICE

(51) International classification :G086 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)SAMSUNG R&D INSTITUTE INDIA BANGALORE PRIVATE LIMITED Address of Applicant: # 2870, ORION Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanakundi Circle, Marathahalli Post, Bangalore -560037, Karnataka, India Tamil Nadu India (72)Name of Inventor: 1)JAISWAL, Sweta 2)RAO, Deepak Ramesh 3)GYANCHANDANI, Monty 4)RAMANIAM, Karthikeyan
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(57) Abstract:

ABSTRACT SYSTEM AND METHOD TO DYNAMICALLY MANAGE APPLICATION TRAFFIC BY BANDWIDTH APPORTIONING ON A COMMUNICATION DEVICE The present invention describes a method and system for dynamically modifying allocated bandwidth of one or more applications running on a communication device. The method comprises determining one or more session information associated with the one or more applications running on the communication device, determining priority level of each of the one or more applications running on the communication device, and dynamically distributing bandwidth of a communication network among one or more sessions of one or more applications running on the communication device based on the determined priority level. The system comprises an application managing module, application mapping module, a real time bandwidth calculating module, a policy making module, and a policy regulating module. Figure 2

No. of Pages: 32 No. of Claims: 16

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONVERSION OF SOLID BIOMASS INTO A LIQUID HYDROCARBON MATERIAL

(51) International classification	:C10G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:NA	MAATSCHAPPIJ B.V.
(33) Name of priority country	:NA	Address of Applicant :Carel van Bylandtlaan 30, 2596 HR -
(86) International Application No	:NA	The Hague, The Netherlands Netherlands
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIKRANTH
(61) Patent of Addition to Application Number	:NA	2)Laxmi Narasimhan CHILKOOR SOUNDARARAJAN
Filing Date	:NA	3)Srikanth GOPAL
(62) Divisional to Application Number	:NA	4)Madhusudahan Rao PANCHAGNULA
Filing Date	:NA	5)Alan Anthony DEL PAGGIO

(57) Abstract:

The invention relates to a process for converting a solid biomass material into a liquid hydrocarbon material suitable for use as a fuel or as a blending component in a fuel.

No. of Pages: 53 No. of Claims: 10

(21) Application No.3326/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LEAD-ACID BATTERY CONTAINER, LEAD-ACID BATTERY USING THE SAME, AND LEAD-ACID BATTERY CASING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01M10/00 :2013- 163264 :06/08/2013 :Japan :NA :NA	(71)Name of Applicant: 1)GS YUASA INTERNATIONAL LTD. Address of Applicant: 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 Japan (72)Name of Inventor: 1)FUJIWARA, Yoshiomi
 (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:

To provide a lead-acid battery case in which degradation of a feedstock resin caused by lead is inhibited and which has improved heat resistance, and a lead-acid battery using the same and a lead-acid battery casing. A lead-acid battery container comprises a resin composition comprising a polyolefin-based resin as a main component, wherein the resin composition is configured to contain 300 ppm or less of lead.

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

(22) Date of filing of Application :06/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A PLATFORM TO OFFER A COMBINATION OF ONLINE MARKETPLACE AND PROCESS MANAGEMENT FOR CLIENTS AND PARTNERS

(51) International alassification	·C06030/00	(71) Nome of Applicant
(51) International classification	-	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MakeITDeals Solutions Private Limited
(32) Priority Date	:NA	Address of Applicant :#14, Arekere MICO Layout,
(33) Name of priority country	:NA	Bannerghatta Road, Bangalore-560076, India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Arup Gupta
(87) International Publication No	: NA	2)Pulakesh Sen
(61) Patent of Addition to Application Number	:NA	3)Rajiv Roy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a platform to offer a combination of online marketplace and process management for technology clients and technology partners. Accordingly, a computer implemented method of registration process in a platform comprises the step of entering contact details by a user, verifying credentials of the user by an analyst, accepting the user request to logon based on the trustworthiness of the user profile and declining the user request to logon based on the unreliability of the user; wherein said registration process is common for both technology clients and technology partners. The computer implemented method for a scope of a technology client comprises submitting opportunity, managing opportunity, inviting partner and short listing partner. The computer implemented method for a scope of a technology partner comprises searching opportunity, managing opportunity, sending proposal, selecting and specifying opportunity.

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

(22) Date of filing of Application :02/07/2014

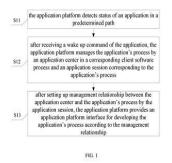
(43) Publication Date: 12/02/2016

(54) Title of the invention : APPLICATION OPERATING ENVIRONMENT ESTABLISHMENT METHOD DEVICE AND STORAGE MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F9/46 :201210000977.4 :04/01/2012 :China :PCT/CN2012/086831 :18/12/2012 :WO 2013/102397 :NA :NA	(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)TU Qiang 2)ZHOU Wei 3)ZENG Weiyi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are an application operating environment establishment method device and storage medium the relevant method comprising: detecting the status of an application in a predetermined path; after an application wake up command of the application is received managing an application process via an application session associating an application center in a corresponding client side software process with the application process of the application; and after the application center and the application process establish a management relationship via the associated application session providing an application platform interface for the development of the application process according to the management relationship. The present invention establishes a one to many cross process framework between the application platform and a host application process and solves the instability and performance problems in the prior art caused by the loading of a third party application while providing a uniform application platform interface for the development of the application process and providing better expandability for the platform.



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

(22) Date of filing of Application :02/07/2014

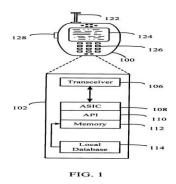
(43) Publication Date: 12/02/2016

(54) Title of the invention : PREVENTING THE DISPLACEMENT OF HIGH TEMPORAL LOCALITY OF REFERENCE DATA FILL BUFFERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06F12/08 :61/589577 :23/01/2012 :U.S.A. :PCT/US2013/022775 :23/01/2013 :WO 2013/112607 :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)CLANCY Robert D 2)SPEIER Thomas Philip 3)DIEFFENDERFER James Norris
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(57) Abstract:

The disclosure relates to accessing memory content with a high temporal locality of reference. An embodiment of the disclosure stores the content in a data buffer determines that the content of the data buffer has a high temporal locality of reference and accesses the data buffer for each operation targeting the content instead of a cache storing the content.



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

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: HUMAN MONOCLONAL ANTIBODIES TO PROGRAMMED DEATH 1 (PD-1) AND METHODS FOR TREATING CANCER USING ANTI-PD-1 ANTIBODIES ALONE OR IN COMBINATION WITH OTHER **IMMUNOTHERAPEUTICS**

(51) International classification

:C12N15/09,C07K16/28,

(31) Priority Document No (32) Priority Date

:60/679,466 :19/05/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/JP2006/309606

Filing Date

:02/05/2006

(87) International Publication No

:WO/2006/121168

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:5057/CHENP/2007

Filed on

:02/05/2006

(71) Name of Applicant:

1)ONO PHARMACEUTICAL CO., LTD.

Address of Applicant: 1-5, Doshomachi 2-chome, Chuo-ku,

Osaka-shi, Osaka 541-8526, Japan Japan

2) Medarex, L.L.C.

(72) Name of Inventor:

1)KORMAN, Alan

2)SRINIVASAN, Mohan

3)WANG, Changyu

4)SELBY, Mark, J.

5) CARDARELLI, Josephine, M.

6) CHEN, Bing

7) HUANG, Haichun

(57) Abstract:

This invention relates to a monoclonal antibody, or an antigen-binding portion thereof, which binds with high affinity reflected by a KD of 1 x 10-8 M or less to the same epitope region of human Programmed Death 1(PD-1) as does an antibody comprising: (a) a heavy chain variable region comprising amino acids having the sequence set forth in SEQ ID NO: 3 and a light chain variable region comprising amino acids having the sequence set forth in SEO ID NO: 10; or (b) a heavy chain variable region comprising amino acids having the sequence set forth in SEQ ID NO: 5 and a light chain variable region comprising amino acids having the sequence set forth in SEQ ID NO: 12.

No. of Pages: 188 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5042/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: ANGLED FACETS FOR DISPLAY DEVICES

(51) International classification	:G02B26/00,G06F3/044	(71)Name of Applicant:
(31) Priority Document No	:61/579554	1)QUALCOMM MEMS TECHNOLOGIES INC.
(32) Priority Date	:22/12/2011	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/069876	(72)Name of Inventor:
Filing Date	:14/12/2012	1)HOLMAN Robert L.
(87) International Publication No	:WO 2013/096131	2)LAVERY Kristopher A.
(61) Patent of Addition to Application	:NA	3)TUNG Ming Hau
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure provides systems methods and apparatus for provided masked structures on an embossed substrate. In one aspect these masked structures may be reflected facets for use as part of a front light film. In another aspect these masked structures may be masked wiring for use as part of a capacitive touchscreen array. In one aspect the structures may have a discrete mask formed thereon while in other aspects these structures may have self masking attributes and may include an interferometric black mask.



No. of Pages: 55 No. of Claims: 32

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: FILE SYSTEM ACCESS FOR ONE OR MORE SANDBOXED APPLICATIONS

:G06F21/53,G06F17/30 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/632101 1)APPLE INC. (32) Priority Date :17/01/2012 Address of Applicant: 1 Infinite Loop Cupertino California (33) Name of priority country :U.S.A. 95014 U.S.A. (86) International Application No :PCT/US2013/021486 (72) Name of Inventor: Filing Date :14/01/2013 1)KRSTIC Ivan (87) International Publication No :WO 2013/109508 2)ASTRAND Love Hornquist (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods systems and machine readable storage medium are described wherein in one embodiment identifiers such as bookmarks are used to allow access to files or folders in a sandboxed environment. One or more applications are restricted by an access control system which can be for example a trusted software component of an operating system. In one embodiment the bookmarks or other identifiers allow an application to have access to a file even if the file is renamed or moved by a user while the application has been terminated. In one embodiment a resource manager or other trusted access control system can interact with an application to allow for the use of bookmarks in an environment in which a sandbox application controls access to the files such that each application must make a request to the sandbox application in order to obtain access to a particular file or folder.

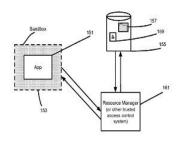


FIG. 1B

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

(22) Date of filing of Application :02/07/2014

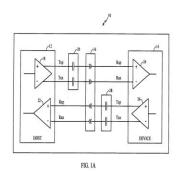
(43) Publication Date: 12/02/2016

(54) Title of the invention : OPERATING M PHY COMMUNICATIONS PROTOCOL OVER UNIVERSAL SERIAL BUS (USB) INTERFACE AND RELATED DEVICES 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 	:G06F13/42 :13/356521 :23/01/2012 :U.S.A. :PCT/US2013/022795 :23/01/2013 :WO 2013/112620 :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)HERSHKO Yuval Corey 2)RIMONI Yoram
` '	:NA :NA :NA :NA	

(57) Abstract:

Operating M PHY communications protocol over a USB interface and related devices systems and methods are disclosed. In one embodiment an electronic device is configured to operate using a M PHY protocol. The device comprises a communications interface having a plurality of data paths conforming to the M PHY protocol and a USB connector having a plurality of pins. The plurality of pins comprises a first receive pin electrically coupled to a M PHY RXDN data path of the communications interface. The plurality of pins comprises a first transmit pin electrically coupled to a M PHY TXDN data path of the communications interface and a second transmit pin electrically coupled to a M PHY TXDN data path of the communications interface and a second transmit pin electrically coupled to a M PHY TXDP data path of the communications interface.



No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: STRUCTURE TO REDUCE NOISE IN LINEAR SWITCHED RELUCTANCE MOTOR

 (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)DR. N.C. LENIN Address of Applicant:NO: 15, PARASURAMAN STREET, NEHRU NAGAR, PALLAVARAM, CHENNAI - 600 043 Tamil Nadu India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)DR. R. ARUMUGAM (72)Name of Inventor: 1)DR. N.C. LENIN 2)DR. R. ARUMUGAM

(57) Abstract:

ABSTRACT Linear Switched Reluctance Motors (LSRMs) are gaining more popularity in direct drive applications now-a-days. Absence of permanent magnets, easy to fabricate, less cost, high speed operation, thermal capability makes LSRMs to compete with other linear motors. A major problem limiting the desirability of using LSRMs in commercial applications is the acoustic noise generated by the machine. This is because of doubly salient structure (i.e.) both the stator and translator are having salient poles. The objective of the invention is to mitigate the acoustic noise generated by the LSRMs. The stator has the extended projection near the teeth. This ensures the minimization of force ripple, vibration and hence acoustic noise in the LSRMs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3331/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CELL PHONE WITH MIRROR

(51) International classification	:G02B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)K.R. BHARGAVA
(32) Priority Date	:NA	Address of Applicant :H. NO. 4-1012/1, PENSIONER'S
(33) Name of priority country	:NA	COLONY, CHITTOOR - 2 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)K.R. BHARGAVA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This is a novel invention that adds an additional feature, specifically a mirror to the cell phones and hand held devices. It helps the user at aesthetic purposes.

No. of Pages: 4 No. of Claims: 5

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHARMACEUTICAL FORMULATION COMPRISING ARIPIRAZOLE

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)AUROBINDO PHARMA LTD Address of Applicant: THE WATER MARK BUILDING,
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No.	:NA :NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY, HYDERABAD - 500 084 Andhra Pradesh India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	: NA :NA :NA :NA	1)KANDI CHANDRASHEKHAR 2)MANIKONDA SREEKANTH 3)ARZA RAMJI ANIL KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	4)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract:

Pharmaceutical formulation comprising aripiprazole as an active agent or a pharmaceutically acceptable salt thereof, at least one acid other than organic acid, optionally along with one or more pharmaceutically acceptable excipient(s) is provided. The present invention also provides process of preparing such formulations and prophylactic and/or therapeutic methods of using such formulations for the treatment of CNS disorders such as schizophrenia, bipolar I disorder, major depressive disorder and autistic and other associated disorders. The formulations of the present invention are safe, effective and well-tolerated, and are useful for the management such as prophylaxis, amelioration and/or treatment of CNS disorders in adults and in children.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4953/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:01/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: ENGINE LUBRICANT FOR HYBRID OR MICRO HYBRID MOTOR VEHICLES

(51) International :C10M135/18,C10M137/10,C10N10/12 classification (31) Priority Document :1161380 :09/12/2011 (32) Priority Date (33) Name of priority :France country (86) International :PCT/EP2012/074786 Application No :07/12/2012

Filing Date

(87) International :WO 2013/083777 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)TOTAL MARKETING SERVICES

Address of Applicant :24 Cours Michelet F 92800 Puteaux

France

(72) Name of Inventor: 1)LERASLE Olivier 2)VALADE Jr'me 3)DEBORD Mickael 4)THOLLON Roger

(57) Abstract:

The present invention relates to the use of a lubricating composition comprising at least one base oil and at least one organomolybdenum compound for reducing wear to the bearings and for lubricating the thermal internal combustion engines of hybrid and/or micro hybrid motor vehicles.

No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF CHLORINATED PROPANES AND PROPENES

(51) International classification	:C07C17/10,C07C19/01	(71)Name of Applicant:
(31) Priority Document No	:61/570028	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:13/12/2011	Address of Applicant :2040 Dow Center Midland Michigan
(33) Name of priority country	:U.S.A.	48674 U.S.A.
(86) International Application No	:PCT/US2012/069230	(72)Name of Inventor:
Filing Date	:12/12/2012	1)TIRTOWIDJOJO Max Markus
(87) International Publication No	:WO 2013/090421	2)GRANDBOIS Matthew Lee
(61) Patent of Addition to Application	:NA	3)KRUPER William J. Jr.
Number	:NA	4)CALVERLEY Edward M.
Filing Date	.NA	5)LAITAR David Stephen
(62) Divisional to Application Number	:NA	6)HIRSEKORN Kurt Frederick
Filing Date	:NA	

(57) Abstract:

Processes for the production of chlorinated propanes and propenes are provided. The present processes comprise catalyzing at least one chlorination step with one or more regios elective catalysts that provide a regioselectivity to one chloropropane of at least 5: 1 relative to other chloropropanes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5067/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: LACTIC ACID EXTRACTION

(51) International :C07C51/48,C07C59/08,B01D11/04 classification

(31) Priority Document No :11195691.8

(32) Priority Date :23/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/076696

:21/12/2012 Filing Date

(87) International Publication :WO 2013/093028

(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

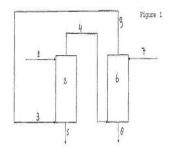
Netherlands

(72) Name of Inventor: 1)DE HAAN Andr Banier 2)VAN KRIEKEN Jan

3) • EKIC ŽIVKOVIC Tanja

(57) Abstract:

The invention pertains to a method for recovering lactic acid from an aqueous mixture comprising the steps of providing an aqueous mixture comprising lactic acid and at least 5 wt. % dissolved magnesium chloride based on the total weight of water and dissolved material in the aqueous mixture extracting the lactic acid from the aqueous mixture into a first organic liquid comprising an organic solvent selected from the group consisting of C5+ ketones diethylether and methyl tertiary butyl ether thereby obtaining an organic lactic acid solution and an aqueous waste liquid comprising magnesium chloride and extracting the lactic acid from the organic lactic acid solution into an aqueous liquid thereby obtaining an aqueous lactic acid solution and a second organic liquid. The method according to the invention allows a combined purification and concentration step for feed solutions of lactic acid.



No. of Pages: 46 No. of Claims: 13

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: STEEL FIBER REINFORCED POLYESTER RESIN CONCRETE

(51) International classification	:E04B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN INSTITUTE OF TECHNOLOGY &
(32) Priority Date	:NA	SCIENCE
(33) Name of priority country	:NA	Address of Applicant :P.O. BOX NO. 1, RAJIV GANDHI
(86) International Application No	:NA	SALAI (OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI
Filing Date	:NA	- 603 103 Tamil Nadu India
(87) International Publication No	: NA	2)MR. P. RAVI KUMAR
(61) Patent of Addition to Application Number	:NA	3)MR. NIKHIL RAJEEV
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)MR. P. RAVI KUMAR
Filing Date	:NA	2)MR. NIKHIL RAJEEV

(57) Abstract:

The invention describes composition to develop polymer based building materials and components. Polymer based building materials are sub divided into floor materials; materials for interior finishing of walls ceilings and built-in furniture; materials for structural components; miscellaneous slender and tubular building items; synthetic glues and mastics; heat and sound insulating materials; roof, waterproofing and ceiling materials: sanitary equipment, piping and fittings: synthetic varnishes and paints. Present day polymer concrete is also developed according to their end uses especially for chemical resistance applications.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM FOR PREDICTION OF FLY-BY NEAR EARTH OBJECTS

(51) International classification	:G01V,B60W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN INSTITUTE OF TECHNOLOGY &
(32) Priority Date	:NA	SCIENCE
(33) Name of priority country	:NA	Address of Applicant :P.O. BOX NO. 1, RAJIV GANDHI
(86) International Application No	:NA	SALAI (OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI
Filing Date	:NA	- 603 103 Tamil Nadu India
(87) International Publication No	: NA	2)MR. KIRUBAKARAN PREMKUMAR SEBASTIAN
(61) Patent of Addition to Application Number	:NA	BHARATHY
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)MR. KIRUBAKARAN PREMKUMAR SEBASTIAN
Filing Date	:NA	BHARATHY

(57) Abstract:

The present invention generally relates to Fly-by near Earth Objects (NEO) and more particularly to a method and system of evaluating the proximity of such NEQs reaching the earth. The objective of the invention is to provide a method of estimating the likelihood of a Fly-By near Earth Objects to the earth by providing methods to evaluate and then predict the likelihood and then using the information to device a response mechanism to generate a warning and to avert the collision or mitigate the effects caused by the NEO hitting the earth.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PYRO AEGIS-FIRE PROTECTION FOR TRAINS

(51) International classification	:G08B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN INSTITUTE OF TECHNOLOGY &
(32) Priority Date	:NA	SCIENCE
(33) Name of priority country	:NA	Address of Applicant :P.O. BOX NO. 1, RAJIV GANDHI
(86) International Application No	:NA	SALAI (OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI
Filing Date	:NA	- 603 103 Tamil Nadu India
(87) International Publication No	: NA	2)DR. A.K. PARVATHY
(61) Patent of Addition to Application Number	:NA	3)MS. SHAIKH NAGMA ANWAR
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)DR. A.K. PARVATHY
Filing Date	:NA	2)MS. SHAIKH NAGMA ANWAR

(57) Abstract:

The present invention generally relates to Public Transport Safety and more particularly to methods and apparatus for implementing a Pyro Aegis system for improving emergency protection mechanisms in public transport medium. The objective of the invention is to provide a Pyro Aegis system of improving emergency protection mechanisms in public transport medium by enabling emergency halt of trains in case of fire mishap, alerting the passengers by an alarm system simultaneously, raising the emergency windows in sleeper class coaches and sending an emergency message with a link to trace the exact location of the train (in which fire accident has taken place) to the railway authorities.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HYBRID WING CONCEPT FOR INCREASED UAV PERFORMANCE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B64C :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE Address of Applicant:HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE P.O. BOX NO. 1, RAJIV GANDHI SALAI (OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI - 603 103 Tamil Nadu India 2)DR. DALBIR SINGH 3)MR. GOUTHAM GOVINDARAJAN 4)MR. AZARUDEEN ASATH (72)Name of Inventor: 1)DR. DALBIR SINGH 2)MR. GOUTHAM GOVINDARAJAN 3)MR. AZARUDEEN ASATH
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(57) Abstract:

The present invention generally relates to Unmanned Aerial Vehicle (UAV) and more particularly to methods and apparatus for implementing a hybrid wing design for UAV which has a new structural design and performance in the field. The objective of the invention is to design a hybrid wing for Unmanned Aerial Vehicle (UAV) that has high lifting capacity, high maneuverability and performance. This hybrid design is a combined structure of trapezoidal, elliptical, rectangle and gull-wing designs.

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

:NA

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMPOSITE ROTOR AND VANE ASSEMBLIES WITH INTEGRAL AIRFOILS

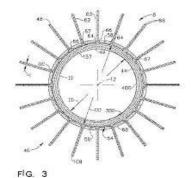
(51) International classification :F01D5/34,F01D5/28,B29C70/06 (71) Name of Applicant: (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/331418 (32) Priority Date :20/12/2011 Address of Applicant: 1 River Road Schenectady NY 12345 (33) Name of priority country :U.S.A. U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2012/068368 1)KRAY Nicholas Joseph :07/12/2012 Filing Date 2)MCAFEE Christopher Lee (87) International Publication 3)SHIM Dong Jin :WO 2013/133875 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A composite gas turbine engine structure includes a retention ring with airfoils mounted on integral with and extending radially away from retention ring. Retention ring includes annular composite plies (57) a circumferentially segmented airfoil ring including airfoil ring segments disposed around one of outer and inner circumferences of retention ring. Airfoil ring segments include annular bases and radially extending clockwise (60) and counter clockwise (62) airfoil segments at clockwise (64) and counter clockwise (66) ends of annular base. Composite airfoils include circumferentially adjacent ones of the clockwise and counter clockwise airfoil segments. A flowpath shell (68) circumferentially disposed around segmented airfoil ring traps annular bases between flowpath shell and retention ring. Composite airfoils airfoils extend through slots (83) in flowpath shell. Plies may be wrapped in a single spiral made from a continuous composite tape. Slots may be circumferentially angled. Circumferentially adjacent ones of clockwise and counter clockwise airfoil segments may be stitched together.



No. of Pages: 35 No. of Claims: 25

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SELF STARTING SCRAM JET ENGINE

		(71)Name of Applicant:
(51) International classification	:G21C	1)HINDUSTAN INSTITUTE OF TECHNOLOGY &
(31) Priority Document No	:NA	SCIENCE
(32) Priority Date	:NA	Address of Applicant :P.O. BOX NO. 1, RAJIV GANDHI
(33) Name of priority country	:NA	SALAI (OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI
(86) International Application No	:NA	- 603 103 Tamil Nadu India
Filing Date	:NA	2)MR. DINESHKUMAR
(87) International Publication No	: NA	3)MR. CHARAN TEJA
(61) Patent of Addition to Application Number	:NA	4)MR. ANUPAM SINGH
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)MR. DINESHKUMAR
Filing Date	:NA	2)MR. CHARAN TEJA
-		3)MR. ANUPAM SINGH

(57) Abstract:

The present invention generally relates to SCRAM jet engines and more particularly to methods and SCRAM jet engines that uses the advantage of pulse and RAM jet engines for supersonic combustion. The objective of the invention is to propose a SCRAM jet engine using the advantages of pulse and RAM jet engines and to introduce a new mechanism wherein it comprises of a diffuser, a Computerized Control Value (CCV), a combustion chamber and a Nozzle wherein the engine will be operating with the help of computerized control valves till a pre-defined velocity is reached, after which it will operate with subsonic combustion.

No. of Pages: 12 No. of Claims: 7

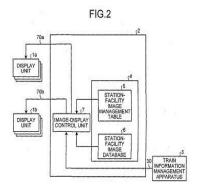
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTRA VEHICULAR INFORMATION PROVISION 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 	:19/12/2011 :WO 2013/093996 :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)MORIMOTO Kazunari
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An objective of the present invention is to obtain an intra vehicular information provision device with which it is possible to display station facility information more reliably without requiring installing a large scale system. The intra vehicular information provision device comprises: a storage unit (4) which stores a station facility image administration table (5) with which station facility image selection conditions including at least station names progress directions and door opening directions and station facility images are associated and a station facility image database (6) with which a plurality of the station facility images corresponding to the station facility image selection conditions are logged for each station; and an image display control unit (7) which queries the station facility image administration table (5) selects from the station facility image database (6) the station facility image for which train information (30) obtained from a train information administration device (3) and the station facility image selection conditions match and transmits same as station facility image information to each display apparatus (1a 1b).



No. of Pages: 31 No. of Claims: 16

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: DEVICE FOR CONNECTING TWO PIECES OF EQUIPMENT VIA AN ETHERNET LINK AND A DOCKING STATION FOR ONE OF SAID PIECES OF EQUIPMENT

(51) International classification: H04L12/10,G06F13/14,H04L9/00 (71) Name of Applicant:

:WO 2013/104683

(31) Priority Document No :1250211 (32) Priority Date :09/01/2012

(33) Name of priority country :France

(86) International Application :PCT/EP2013/050320

:09/01/2013 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

1)SAGEM DEFENSE SECURITE

Address of Applicant :18 20 Quai du Point du Jour F 92100

Boulogne Billancourt France

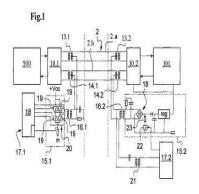
(72) Name of Inventor:

1) HAURY Christian 2) GUILLOT Fransois

3) COURTEILLE Jean Marie

(57) Abstract:

A device (1) for connecting a first piece of electronic equipment (100) to a second piece of electronic equipment (101) comprising two ETHERNET interfaces (10.1 10.2) connected to each other by an uplink (2.b) and a downlink (2.a) and each arranged to be linked to one of the pieces of equipment and to transmit data in differential mode two power supply modules (15.1 15.2) each associated with one of the pieces of equipment and fitted in common mode between the uplink and downlink to transmit an alternating current power supply carrier signal and two secondary transmission modules (17.1 17.2) each associated with one of the power supply modules and arranged to allow transmission of data by modulation of the power supply carrier signal.



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

(22) Date of filing of Application :03/07/2014

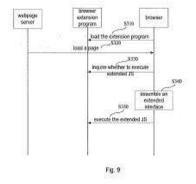
(43) Publication Date: 12/02/2016

(54) Title of the invention : WEBPAGE BROWSING METHOD WEBAPP FRAMEWORK METHOD AND DEVICE FOR EXECUTING JAVASCRIPT AND MOBILE TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F17/30 :201210132741.6 :28/04/2012 :China :PCT/CN2013/074887 :27/04/2013 :WO 2013/159745 :NA	(71)Name of Applicant: 1)GUANGZHOU UCWEB COMPUTER TECHNOLOGY CO. LTD Address of Applicant:Room 301 3F No.16 2 Building Keyun Road Tianhe District Guangzhou City Guangdong 510665 China (72)Name of Inventor: 1)LIANG Jie 2)MA Miaokui
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a method for executing extended JavaScript by using an extended JS interface. The method comprises the following steps: inquiring an extension program whether to execute the extended JavaScript at a predetermined time when a webpage is loaded wherein the extension program is loaded when a browser is started up; the browser assembles the extended JS interface according to an open API when determining that the extended JavaScript is needed to be executed; executing the extended JavaScript by using the extended JS interface. According to the present invention browsing mode and layout mode of a browser can be changed dynamically according to the requirement for webpage contents in the form of extension programs accordingly browsing experience of users is improved.



No. of Pages: 58 No. of Claims: 30

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HYDRAULIC COCONUT DEHUSKER AND BREAKER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B26F :NA :NA :NA	(71)Name of Applicant: 1)PANDIARAJ SUBRAMANI Address of Applicant: 6/4, ABIRAMI NAGAR, BHARATHIYAR ROAD, GANAPATHY, COIMBATORE - 641 006 Tamil Nadu India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)COCONUT DEVELOPMENT BOARD (72)Name of Inventor: 1)PANDIARAJ SUBRAMANI

(57) Abstract:

A machine with rectangular tubular arrangement consisting of a closed loop manual hydraulic system with a manually operated minimum lever load having an arrangement for mounting various attachments at the top and a vertically moving centre table at the bottom which operates upwards with the movement of the manual hydraulic system, wherein the dehusking arrangement consists of a rectangular frame into which two spring loaded rotating arms with parallelogram links are attached and has a V shaped sharp blade jaw attached to the free moving edge and on upward movement of the table with the coconut in the centre makes the husk to get stuck to the sharp edge of the jaws and further application of load makes the sharp edges to pierce the husk, which on further lifting makes further application of even load on the jaw creating gap between jaws due to the rotating movement of arms opposite to each other will make the husk to get dislodged from the inner hard shell. The dehusking arrangement is replaced by a fixed Blade for coconut breaking, a sharp edged hollow tube is attached in the centre of the blade for tender coconut piercing, a piston is attached in the centre of the blade and holed container is placed in the middle table for Sevai pressing and the holed container is replaced with two circular plastic base for pressing Chapatti.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :03/07/2014

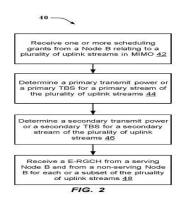
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENHANCING RESOURCE ALLOCATION FOR UPLINK MIMO COMMUNICATION

(51) International classification :H04B7/04,H04L1/00,H04W72/12 | (71) Name of Applicant : (31) Priority Document No :61/596682 1)OUALCOMM INCORPORATED (32) Priority Date :08/02/2012 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 (72)Name of Inventor: :PCT/US2013/025338 1)ZHANG Danlu :08/02/2013 Filing Date 2)SAMBHWANI Sharad Deepak (87) International Publication 3)BHARADWAJ Arjun :WO 2013/119944 No 4)AGARWAL Ravi (61) Patent of Addition to 5)AKKARAKARAN Sony J. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(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. An enhanced relative grant channel from the Node B as well as another E RGC from a non serving Node B may be received for each of the plurality of uplink MIMO streams.



No. of Pages: 47 No. of Claims: 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5077/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: STRUCTURE HAVING FIBRES WHICH ARE ADHESIVELY BONDED TO ONE ANOTHER IN **LOCATIONS**

(51) International

:A61L27/18,A61L27/34,A61L27/50

classification (31) Priority Document No

:10 2011 122 490.8

(32) Priority Date

:29/12/2011

(33) Name of priority country: Germany

(86) International Application :PCT/DE2012/001211

No Filing Date

:19/12/2012

(87) International Publication: WO 2013/097841

(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)OCCLUTECH HOLDING AG

Address of Applicant: Vordergasse 3 CH 821 Schaffhausen

Switzerland

(72)Name of Inventor:

1) CLASSEN Christoph

2)FRANZEN Swen

3)VAN BAARS Harrie

4)WITT Wolfgang

5)HENSELER Andreas

6)WILLEMS Frank

(57) Abstract:

The invention relates to a structure having fibres which are adhesively bonded to one another in locations and have a permeability for air of between 0.5 ml/mincm and 1.5 ml/mincm wherein said structure has an at least one sided coating which reduces the permeability of the structure to below 0.2 ml/mincm.

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

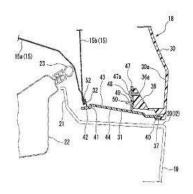
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: VEHICLE DOOR

(51) International classification	:B60J5/10,B60R13/04	(71)Name of Applicant:
(31) Priority Document No	:2011285690	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:27/12/2011	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/JP2012/082789	(72)Name of Inventor:
Filing Date	:18/12/2012	1)HAZAWA Hiroyuki
(87) International Publication No	:WO 2013/099699	2)TANIMOTO Shigeki
(61) Patent of Addition to Application	:NA	3)HIRA Takayuki
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle door fitted via hinges (14) rotatably in an upper lower direction at an upper edge portion of a door opening portion (12) formed in a vehicle body is provided with: a metal door body (15); a decorative member (18) attached on a vehicle outer side of a lower part of the door body (15); an outer plate portion (30) fitted to the decorative member (18) and spaced apart from a vehicle outer surface of the door body (15) with a predetermined width in the upper lower direction and extending substantially throughout the width in a door width direction; a bottom plate portion (31) fitted to the decorative member (18) and extending from a lower end of the outer plate portion (30) downward beyond a lower end of the door body (15) and toward the inside of the vehicle; and a protruding plate portion (32) fitted to the decorative member (18) and protruding upward from a position close to an end of the bottom plate portion (31) on a vehicle inner side. The protruding plate portion (32) includes an upper end extending upward from the lower end of the door body (15) and is continuously formed on the outer plate portion (30) between a position close to a first end portion and a position close to a second end portion in the door width direction while abutting on the vehicle outer surface of a lower end portion of the door body (15).



No. of Pages: 37 No. of Claims: 10

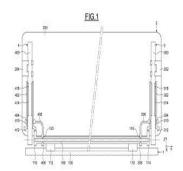
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AUTOMOTIVE VEHICLE COMPRISING A PIVOTING TAILGATE

(31) Priority Document No :NA (32) Priority Date :NA	BOULOGNE BILLANCOURT FRANCE France (72)Name of Inventor: 1)NATH Sandeep 2)GODAVARI Balaji Sai Kiran 3)JHA Brijesh
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(57) Abstract:

An automotive vehicle comprises a body (1) including a rear bumper (100), a tailgate (2) arranged next to the upper side of the rear bumper (100), said tailgate (2) being bound to the body (1) by means of at least one mechanical linkage (3, 4) able to pivot about a horizontal shaft (108), The mechanical linkage (3, 4) comprises one rod (300, 400) secured to the tailgate (2) and mounted for translation movement inside a rotatable sleeve (302, 402) actuated by the pivoting movement of the mechanical linkage (3, 4) about the horizontal shaft (108). [Fig 1]



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM FOR PERFORMING STRUCTURAL ANALYSIS AND METHOD THEREOF

(51) International classification (31) Priority Document No	:g06t :NA	(71)Name of Applicant: 1)YENEPOYA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: University Road, Deralakatte,
(33) Name of priority country	:NA	Mangalore 575018, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MASCARENHAS ROHAN
(87) International Publication No	: NA	2)SHENOY SATISH
(61) Patent of Addition to Application Number	:NA	3)PARAYAMPARAMPIL NAZEER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer implemented system for performing structural analysis of an asymmetrical structure typically a craniofacial structure, wherein the system comprises: an input/constructing module to receive a 2D image of the structure and construct a 3D model of the structure; a refining module to receive the 3D model and refine the 3D model to produce accurate contour of a 3D surface model of the structure; a meshing module to receive the 3D surface model and convert the 3Dimensional surface model into a corresponding 3D solid model; and an analyzing module to receive the 3D solid model and divide the 3Dimensional solid model into finite number of elements to form a finite element model of the structure. Fig 1

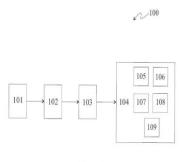


Figure 1

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

:NA

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: REQUEST RESPONSE PROCEDURE FOR WIRELESS NETWORK

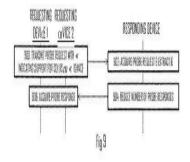
(51) International (71)Name of Applicant: :H04W28/02,H04W8/00,H04W84/12 classification 1)NOKIA CORPORATION (31) Priority Document No :13/327070 Address of Applicant: Keilalahdentie 4 FI 02150 Espoo (32) Priority Date :15/12/2011 Finland (33) Name of priority (72) Name of Inventor: :U.S.A. country 1)KNECKT Jarkko (86) International 2)KASSLIN Mika :PCT/FI2012/051028 Application No :26/10/2012 Filing Date (87) International :WO 2013/087978 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

(57) Abstract:

Application Number

Filing Date

This document provides a solution where a requesting wireless apparatus indicates in a probe request message that the requesting wireless apparatus supports a collision avoidance mechanism that enables a responding wireless apparatus to reduce a number of probe response messages by responding to a plurality of probe request messages with a single probe response message.



No. of Pages: 38 No. of Claims: 32

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: LUPANE TRITERPENOID DERIVATIVES AND PHARMACEUTICAL USE THEREOF

(51) International :C07J63/00,A61K31/58,A61P31/18 classification

(31) Priority Document No :201210027090.4 (32) Priority Date :08/02/2012 (33) Name of priority country: China

(86) International Application :PCT/CN2013/071100

:30/01/2013

Filing Date

(87) International Publication :WO/2013/117137

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

:NA Filing Date

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

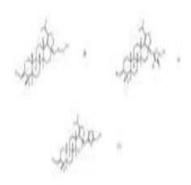
(71)Name of Applicant:

1)JIANGXI QINGFENG PHARMACEUTICAL INC. Address of Applicant: 8 ZHANDONG AVE. SHAHE INDUSTRIAL PARK, GANZHOU, JIANGXI 341000 China

2)LU, FENG 3)FENG, OIAODI (72)Name of Inventor: 1)LU, FENG

(57) Abstract:

Disclosed are lupane triterpenoid derivatives and pharmaceutical use thereof, specifically lupane triterpenoid derivatives of formulae (I)(III), a pharmaceutical composition and a combination preparation comprising said lupane triterpenoid derivatives or a pharmaceutically acceptable salt thereof in a therapeutically-effective dose, particularly the use in preparation of a medicament for the treatment of HIV-1/AIDS.



No. of Pages: 98 No. of Claims: 13

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTRONIC MONITORING BRACELET

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G07C9/00 :11194712.3 :20/12/2011 :EPO	(71)Name of Applicant: 1)GEOSATIS SA Address of Applicant: Sous la Velle 14 CH 2340 Le Noirmont Switzerland (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:19/12/2012 :WO 2013/093808 :NA :NA :NA :NA	1)PRAPLAN Vincent 2)COLLI VIGNARELLI Edmund 3)HUNKELER Urs 4)DEMETRIO FERNANDES Jos

(57) Abstract:

The invention relates to an electronic monitoring bracelet comprising an annular body (2) designed to be mounted around a limb or an object and an electronic monitoring system disposed in the body said electronic monitoring system including an integrity detection system (4) and an internal power source (12). The annular body (2) takes the form of a rigid shell enclosing a chamber or a plurality of chamber sections containing the components of the electronic monitoring system and the annular body completely encircles the bracelet.



No. of Pages: 36 No. of Claims: 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5089/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: GENETICALLY ENGINEERED YEAST CELLS

(51) International classification :C12P7/16,C12P7/62,C12R1/865 (71) Name of Applicant: (31) Priority Document No 1)FIRMENICH SA :12150341.1 (32) Priority Date :06/01/2012 Address of Applicant: 1, ROUTE DES JEUNES, P.O. BOX :EPO (33) Name of priority country 239, CH-1211 GENEVA 8 Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2012/075814 1)NIELSEN, JENS No :17/12/2012 Filing Date 2) SIEWERS, VERENA (87) International Publication No:WO/2013/102554 3) CHEN, YUN (61) Patent of Addition to 4) DAVIET, LAURENT :NA **Application Number** 5)SCHALK, MICHEL :NA Filing Date

(62) Divisional to Application Number :NA :NA

Filing Date

(57) Abstract:

The present invention relates to yeast cells producing high levels of acetoacetyl-CoA. It also relates to a method for making such yeast cells and to the use of such yeastcells in a method for producing acetyl-CoA derived products.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

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

	(71)Name of Applicant :
	1)Dr. Reddy TM s Laboratories Limited
:A61K	Address of Applicant :8-2-337, Road No. 3, Banjara Hills,
:NA	Hyderabad, Telangana, India Telangana India
:NA	(72)Name of Inventor:
:NA	1)Vilas H Dahanukar
:NA	2)Rakeshwar Bandichhor
:NA	3)Tridib Mahapatra
: NA	4)Murali Mohan Muttavarapu
:NA	5)Bucchikonda Ravinder
:NA	6)Rajeshwar Reddy Sagyam
:NA	7)Gangireddy Rajendra Reddy
:NA	8)G Manigandan
	9)Mohammed Azeezulla Baig
	10)Sumeet Vishwasrao Patil
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present specification relates to process for the preparation of Ingenol mebutate from Ingenol and intermediates thereof. The present specification further relates to process for crystalline and amorphous Ingenol mebutate.

No. of Pages: 40 No. of Claims: 10

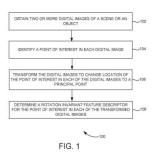
(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING ROTATION INVARIANT FEATURE DESCRIPTORS FOR POINTS OF INTEREST IN DIGITAL IMAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA	(71)Name of Applicant: 1)ITTIAM SYSTEMS (P) LTD., Address of Applicant: The Consulate, 1 Richmond Road, Bangalore 560025, Karnataka, India Karnataka India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)NAVEEN KUMAR THANGUDU 2)SHIREESH KADARAMANDALGI
(61) Patent of Addition to Application Number	:NA	3)PREETHI KONDA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract : As attached



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

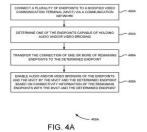
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DISTRIBUTED AUDIO/VIDEO BRIDGING FOR CONFERENCING ENDPOINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:h04l :2926/CHE/2013 :02/07/2013 :India :NA	Address of Applicant :333, North Bridge Road, No. 08-00 KH KEA Building, Singapore 188721 Singapore
	:2926/CHE/2013	
· · · · ·		
· · · · ·	:India	11
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOUTHAM VIJAYAKUMAR
(87) International Publication No	: NA	2)VAIBHAV DESHU VENKATESH
(61) Patent of Addition to Application Number	:NA	3)KASHIF SHAMAZ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for distributed audio/video bridging for conferencing endpoints are disclosed. In one embodiment, a plurality of endpoints are connected to a modified video communication terminal (MVCT) via a communication network. The MVCT is an endpoint including an audio/video bridging module (AVBM). Further, one of the plurality of endpoints capable of holding audio and/or video bridging is determined by the AVBM. Furthermore, the connection of one or more remaining endpoints is transferred to the determined endpoint by the AVBM for load balancing. Also, audio and/or video bridging of the endpoints and the MVCT is enabled by the AVBM and the determined endpoint based on connectivity information of the remaining endpoints with the MVCT and the determined endpoint for conferencing participants. [FIG. 4A]



No. of Pages: 77 No. of Claims: 41

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : PUMP USING MULTI VOLTAGE ELECTRONICS WITH RUN DRY AND OVER CURRENT PROTECTION

(51) International classification	:F04B35/04	(71)Name of Applicant :
(31) Priority Document No	:61/567960	1)FLOW CONTROL LLC.
(32) Priority Date	:07/12/2011	Address of Applicant :1 Kondelin Road Gloucester
(33) Name of priority country	:U.S.A.	Massachusetts 01930 U.S.A.
(86) International Application No	:PCT/US2012/068441	2)PHILLIPS, David L.
Filing Date	:07/12/2012	3)MEZA, Humberto V.
(87) International Publication No	:WO 2013/086317	4)TRAN, Derrick T.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)PHILLIPS David L.
Filing Date	:NA	2)MEZA Humberto V.
(62) Divisional to Application Number	:NA	3)TRAN Derrick T.
Filing Date	:NA	
(55) A1		1

(57) Abstract:

A pump has a signal processor including one forming part of a printed circuit board assembly that receives signaling containing information about a voltage supplied to a motor to run a particular pump model and also containing information about whether a current draw of the pump is lower than a predetermined low current level or is higher than a predetermined high current level; and determines whether to shut off the pump after a predetermined time based on the signaling received. The signal processor provides control signalling to shut off the pump after the predetermined time if the current draw of the pump is lower than the predetermined low current level or is higher than the predetermined high current level where the predetermined low current level and the predetermined high current level depend on the voltage being supplied to the motor to run the particular pump model.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: ARRANGEMENT SYSTEM AND METHOD FOR HANDLING NON WOOD PLANT MATERIAL

(51) International classification: D21C7/06,B65G33/14,D21B1/22 (71) Name of Applicant:

(31) Priority Document No :12501607 (32) Priority Date :22/02/2012 (33) Name of priority country :Sweden

(86) International Application :PCT/SE2013/050140

No :19/02/2013 Filing Date

(87) International Publication :WO 2013/126007

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

:NA Number :NA Filing Date

(57) Abstract:

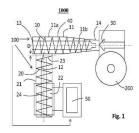
1)METSO PAPER SWEDEN AB

Address of Applicant: S 851 94 Sundsvall Sweden

(72) Name of Inventor: 1)DETLEFSEN Jan 2)PETTERSSON Patrik

3)WAHLBERG Robert

A feeding arrangement (100) for feeding non wood plant material having a bulk density of 40 90 kg/m to a treatment vessel (200) the feeding arrangement comprising a plug screw feeder (40) for feeding the plant material to the treatment vessel the feeder comprising a plug screw (10) and a corresponding plug screw housing (11) surrounding the plug screw (10) a force feeding screw (20) for feeding incoming material to the plug screw and a corresponding force feeding screw housing (21) surrounding the force feeding screw (20) the force feeding screw being arranged to provide the material to an inlet section (12) of the plug screw (10) a feeding device (50) being arranged to feed incoming material to the force feeding screw and where the distance (D) between an outermost point of a last screw thread (23) of the force feeding screw (20) to a point on the outer diameter of the plug screw (10) at the inlet section (12) is 0.90 mm. A system (1000) and a method for treatment of non wood plant material comprising such a feeding arrangement (100).



No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: AUTOMATIC DEMAND PARAMETER ESTIMATION

(51) International :G06F19/00,G06Q10/06,G06Q10/04 classification

(31) Priority Document No :13/348848 (32) Priority Date :12/01/2012

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

(86) International :PCT/US2012/061009

Application No :19/10/2012

Filing Date

(87) International Publication :WO 2013/106123 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)ORACLE INTERNATIONAL CORPORATION

Address of Applicant :500 Oracle Parkway Mail Stop 5OP7

Redwood Shores CA 94065 U.S.A.

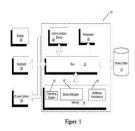
(72)Name of Inventor:

1)WU Su ming

2)POPKOV Yevgeniy

(57) Abstract:

One embodiment is directed generally to a computer system and in particular to a system for providing automatic estimating of demand parameters. According to certain embodiments a computer readable medium has instructions stored thereon that when executed by a processor cause the processor to determine a reliable demand parameter for a level within a sales hierarchy. The instructions include estimating a demand parameter for a first pool. The estimating is based on blending and comparing with respect to an enlarged pool comprising the first pool as a subset of the enlarged pool to obtain an estimated demand parameter.



No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :03/07/2014

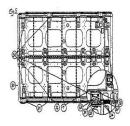
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND DEVICE FOR INDUSTRIALLY PRODUCING PHOTOVOLTAIC CONCENTRATOR MODULES

(51) International classification	:H01L31/0232	(71)Name of Applicant:
(31) Priority Document No	:20 2011 108 836.0	1)GRENZEBACH MASCHINENBAU GMBH
(32) Priority Date	:08/12/2011	Address of Applicant : Albanusstrasse 1 3 86663 Asbach
(33) Name of priority country	:Germany	Bumenheim Germany
(86) International Application No	:PCT/DE2012/001160	2)SOITEC SOLAR GMBH
Filing Date	:06/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/083111	1)SCHMID Markus
(61) Patent of Addition to Application	:NA	2)FEINEIS Alexander
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

(57) Abstract:

The invention relates to a device for industrially producing photovoltaic concentrator modules which consist of a module frame a lens pane comprising a plurality of Fresnel lenses a sensor carrier pane and an electric line guide said device comprising the following features: a) a carriage (30) for retaining a module frame (1) in a tension free manner by means of clamping elements (31) on the two longitudinal sides and stop elements (37) on the two transverse sides these clamping elements (31) being adjusted by displacing and rotating a shift rod (32) b) a device (47) for punctually applying acrylic and linearly applying silicone (48) onto the support surfaces of the module frame (1) c) one device for laying the sensor carrier pane (3) and one for laying the lens pane (2) these panes being conveyed in a tension free manner using special suction devices (39) and being set down with a centrally positioned predetermined contact pressure d) a device for measuring the position of each pane and for positioning the sensor carrier pane (3) or lens pane (2) e) a device for finely adjusting said lens pane (2) relative to CPV sensors (4) of the sensor carrier pane (3) a voltage being supplied to selected CPV sensors whereupon the light emitted therefrom via the Fresnel lenses (5) is sensed and the lens pane (2) is aligned such that the emission from particularly strategically important Fresnel lenses (5) is at a maximum f) a device for curing the applied silicone between the module frame (1) and the pane in question using a plurality of UV light emitting elements (40) and g) devices for conveying the workpieces to be processed.



No. of Pages: 42 No. of Claims: 8

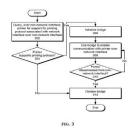
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: BRIDGING NON NETWORK INTERFACES AND NETWORK INTERFACES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/594543 :03/02/2012 :U.S.A.	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 U.S.A. (72)Name of Inventor: 1)DUYK Charles W. 2)SWEET Michael R. 3)LOVELL James F.
		3)LOVELL James F.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosed embodiments provide a system that facilitates the use of a device connected to a non network interface. During operation the system provides a bridge between the non network interface and a network interface. Next the system uses the bridge to enable communication with the device over the network interface. For example the system may enable communication with a printer that is not configured for network printing over a network interface.



No. of Pages: 21 No. of Claims: 25

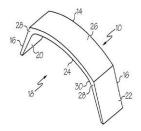
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONCRETE BRIDGE SYSTEM AND RELATED METHODS

(51) International classification	:E01F5/00	(71)Name of Applicant:
(31) Priority Document No	:61/595404	1)CONTECH ENGINEERED SOLUTIONS LLC
(32) Priority Date	:06/02/2012	Address of Applicant :9025 Center Pointe Drive Suite 400
(33) Name of priority country	:U.S.A.	West Chester OH 45069 U.S.A.
(86) International Application No	:PCT/US2013/023999	(72)Name of Inventor:
Filing Date	:31/01/2013	1)ASTON Scott D.
(87) International Publication No	:WO 2013/119448	2)CARFAGNO Michael G.
(61) Patent of Addition to Application	:NA	3)CREAMER Philip A.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A concrete culvert assembly includes a set of spaced apart elongated footers a plurality of precast concrete culvert sections supported by the footers. Each concrete culvert section has an open bottom an arch shaped top wall and spaced apart side walls to define a passage thereunder each of the side walls extending downward and outward from the top wall. Each of the side walls has a substantially planar inner surface and a substantially planar outer surface. First and second haunch sections each join one of the side walls to the top wall. Each side wall is tapered from top to bottom such that a thickness of each side wall decreases when moving from the top of each side wall to the bottom of each side wall. A bottom portion of each side wall has an exterior vertical flat extending upward from a horizontal bottom surface thereof.



No. of Pages: 41 No. of Claims: 28

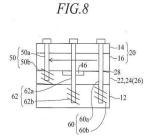
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INSTALLATION STRUCTURE OF OIL PUMP

(51) International classification	:B60K	(71)Name of Applicant:
(31) Priority Document No	:2013- 142864	1)HONDA MOTOR CO., LTD. Address of Applicant :of 1-1, Minami-Aoyama 2-chome,
(32) Priority Date	:08/07/2013	Minato-ku, Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NĀ	1)KANEHARA, Shigeru
Filing Date	:NA	2)YOSHINARI, Daijiro
(87) 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:

Among of female screws 50b, 52b, 54b, 56b, 60b, 62b in which male screws 50a, 52a, 54a, 56a, 60a, 62a of screw fasteners 50, 52, 54, 56, 60, 62 are to be screwed when the oil pump 10 is to be installed on the transmission case 12, the female screw 50b is formed on the lid 26, while the rest of the female screws 52b, 54b, 56b, 60b and 62b are formed on the transmission case 12, thereby enabling to cause the lid 26 to be pulled towards a housing 20 when a constant fastening torque is given and to decrease volume of a space between the housing and lid such that pressure reduction is suppressed and occurrence of oil film shortage due to the pressure reduction is prevented. [FIG. 8]



No. of Pages: 35 No. of Claims: 7

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: VIDEO DECODING METHODS AND VIDEO ENCODING METHODS

Filing Date :25/01/2013 (87) International Publication No :WO 2013/1116 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA	Osaka 5458522 Japan (72)Name of Inventor: 1)DESHPANDE Sachin G. 2)SEGALL Christopher A.
Filing Date :NA :NA	

(57) Abstract:

A method for decoding video bitstream is provided, the method includes: receiving a reference picture set parameter from said video bitstream; decoding a current picture using inter prediction based on a reference picture set; and storing said decoded picture to be referred for future inter prediction wherein said reference picture set is decoded by using at least: (a) one or more reference picture identifiers each of which being based on a selected number of least significant bits (LSB) of the picture order count (POC) for a reference picture; and (b) a signal to specify whether or not subsequent data to determine the MSB of said POC exists.

No. of Pages: 36 No. of Claims: 6

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR DIAGNOSING THE MALFUNCTIONING OF A DEVICE FOR ADDING AN ADDITIVE INTO A FUEL FOR A VEHICLE AND SYSTEM FOR IMPLEMENTING SAID METHOD

(51) International : F02M25/00, F02D41/22, F02D19/12classification

(31) Priority Document No :12 00024 (32) Priority Date :04/01/2012 (33) Name of priority country: France

(86) International Application :PCT/EP2013/000012

No

:04/01/2013 Filing Date

(87) International Publication: WO 2013/102621

(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

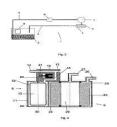
Address of Applicant :25 rue de Clichy F 75009 Paris France

2)FILTRAUTO SA (72)Name of Inventor: 1)HARLE Virginie 2)LALLEMAND Michael 3)SEGUELONG Thierry

4)MONSALLIER Guy

(57) Abstract:

The invention relates to a method for diagnosing the malfunctioning of a device for adding an additive into a fuel for a vehicle comprising an internal combustion engine said method including: a step of analyzing the fuel in order to determine a variation in the amount of additive in the fuel; a step of comparing the variation in the amount of additive measured during the previous step with a theoretical variation in said amount; a step of sending information when the difference between the measured variation and the theoretical variation exceeds a set value. The invention also relates to a system for adding an additive into fuel and for diagnosis for a vehicle comprising an internal combustion engine which is intended for implementing said method.



No. of Pages: 35 No. of Claims: 31

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND SYSTEMS FOR USE IN LASER MACHINING

(51) International classification :B23K26/42,B23K26/12,B23K26/14

(31) Priority Document No :61/568059 (32) Priority Date :07/12/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/068499

Application No :07/12/2012

(87) International Publication :WO 2013/086360

(61) Patent of Addition to Application Number :NA

pplication Number :NA Filing Date :NA

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

(71)Name of Applicant: 1)GENERAL ATOMICS

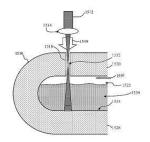
Address of Applicant :3550 General Atomics Court San Diego

California 92121 U.S.A. (72)Name of Inventor:
1)FORSMAN Andrew C.
2)JOHNSON Billy L.
3)LUNDGREN Erik H.

4)BERTCH Timothy C. 5)MOELLER Charles P. 6)CARMICHAEL James A.

(57) Abstract :

The present embodiments providing methods systems and apprartuses of protecting a surface during laser machining. In some embodiments a method of protecting a surface during laser machining comprises: directing a fluid 938 into a cavity 318 of an object 320 being laser machined where the fluid does not have laser absorption properties; and directing a plurality of laser pulses 324 at a wall 332 of the object being laser machined where the laser pulses are configured to form a hole 330 through the wall 326 such that at least one laser pulse passes through the hole and enters the cavity while the fluid is directed into the cavity such that the laser pulse is incident on the fluid and a surface 612 together in order to inhibit backwall damage.



No. of Pages: 88 No. of Claims: 21

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : ENHANCED PRODUCTION OF ISOPRENE USING HOST CELLS HAVING DECREASED ISPA ACTIVITY

(51) International classification	:C12N9/10,C12P5/00	(71)Name of Applicant :
(31) Priority Document No	:61/580163	1)DANISCO US INC.
(32) Priority Date	:23/12/2011	Address of Applicant :925 Page Mill Road Palo Alto CA
(33) Name of priority country	:U.S.A.	94304 1013 U.S.A.
(86) International Application No	:PCT/US2012/071518	2)THE GOODYEAR TIRE & RUBBER COMPANY
Filing Date	:21/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/096925	1)MCAULIFFE Joseph C.
(61) Patent of Addition to Application	:NA	2)MUIR Rachel E.
Number	:NA	3)NIELSEN Alex T.
Filing Date	.INA	4)PERES Caroline M.
(62) Divisional to Application Number	:NA	5)VAVILINE Dmitrii V.
Filing Date	:NA	6)WELLS Derek H.

(57) Abstract:

ispA ispAThis invention relates to recombinant microorganisms capable of producing isoprene and isoprene production with the use of such recombinant microorganism with good efficiency. In this invention functional activity of the gene is altered to reduce the production of isoprenoid molecules in recombinant cells engineered to produce isoprene or in cells otherwise susceptible to isoprenoid accumulation during fermentation. This decreased gene functional activity enables enhanced synthesis of isoprene in a host microorganism.



No. of Pages: 221 No. of Claims: 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5105/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

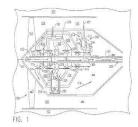
(54) Title of the invention: ADAPTIVE EDUCTOR SYSTEM

(51) International classification(31) Priority Document No	:F01D11/04,F01D25/18,F02C7/06 :13/331062	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:20/12/2011	Address of Applicant: 1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date	:PCT/US2012/068371 :07/12/2012	(72)Name of Inventor : 1)FANG Ning 2)SIMPSON Benjamin Joseph
(87) International Publication No	:WO 2013/130157	3)ANSTEAD Duane Howard 4)RECORD Adam Mitchell
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)WELTY Donald James
(62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Filing Date

An apparatus is provided having a first zone with a fluid flow at a first pressure and a second zone with a fluid flow at a second pressure. A sump cavity is provided in fluid communication with the first zone and a sump vent. An eductor system may be provided with a fluid flow path therethrough and in fluid communication with the second zone and the sump vent. The eductor system may be provided with an altitude sensing valve and may also be provided with gage pressure sensing valve. The eductor system may further be provided with a second gage pressure sensing valve and may also be provided with an orifice plate. The gage pressure sensing valves may react to the gage pressure of the second zone.



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

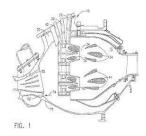
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

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

(51) International classification(31) Priority Document No	:F02C 9/00 :61/577934	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:20/12/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2012/068366	U.S.A. (72)Name of Inventor :
Filing Date	:07/12/2012	1)DURBIN Mark David
(87) International Publication No	:WO 2013/095951	2)MUELLER Mark Anthony
(61) Patent of Addition to Application Number	:NA	3)BLAKEMAN Lance Kenneth 4)LIND David Albin
Filing Date	:NA	TIDIND DUNIU MOIII
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for flame stabilization is provided that forestalls incipient lean blow out by improving flame stabilization. A combustor profile is selected that maintains desired levels of power output while minimizing or eliminating overboard air bleed (50 52) and minimizing emissions. The selected combustor profile maintains average shaft power in a range of from approximately 50% up to full power while eliminating overboard air bleed (50 52) in maintaining such power settings. Embodiments allow for a combustor to operate with acceptable emissions at lower flame temperature. Because the combustor can operate at lower bulk flame temperatures during part power operation the usage of inefficient overboard bleed can be reduced or even eliminated.



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

(22) Date of filing of Application :04/07/2014

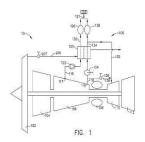
(43) Publication Date: 12/02/2016

(54) Title of the invention : BLEED AIR AND HOT SECTION COMPONENT COOLING AIR SYSTEM OF A GAS TURBINE 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 	:61/578443 :21/12/2011 :U.S.A. :PCT/US2012/068327 :07/12/2012 :WO 2013/126122 :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)SENNOUN Mohammed El Hacin
* *	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Combined bleed air and hot section component cooling air systems for gas turbine engines and methods of operating combined bleed air and hot section component cooling air systems are disclosed. An example system may include a high pressure bleed air line receiving high pressure bleed air; a precooler receiving at least some of the high pressure bleed air and discharging cooled high pressure bleed air; a pressure regulator receiving at least some of the cooled high pressure bleed air and discharging pressure regulated cooled bleed air to a pneumatic systems supply line; and/or a hot section component cooling air line connected upstream of the first pressure regulator and configured to convey at least some of the cooled high pressure bleed air to a hot section component for use as hot section component cooling air.



No. of Pages: 35 No. of Claims: 19

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: AIRFOILS AND CORRESPONDING FABRICATING METHOD

:NA

:NA

(51) International classification :F01D5/14,F01D9/04,F03D1/06 (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/334609 (32) Priority Date :22/12/2011 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/US2012/069032 (72) Name of Inventor: Filing Date :12/12/2012 1)WOOD Trevor Howard (87) International Publication No: WO 2013/130163 2)RAMAKRISHNAN Kishore (61) Patent of Addition to 3)PALIATH Umesh :NA **Application Number** :NA Filing Date

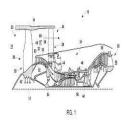
(57) Abstract:

Filing Date

Number

(62) Divisional to Application

An airfoil and method of fabricating an airfoil including a first and a second side coupled together at a leading and a trailing edge and extending there between. The airfoil includes a plurality of first chord sections having a first chord length and extending outward from one of the first side or second side of the airfoil at the leading edge and a plurality of second chord sections having a second chord length and extending outward from the one of the first side or the second side of the airfoil at the leading edge. The leading edge including spaced apart wave shaped projections defining a waveform. The configuration defining a three dimensional crenulated airfoil configured to facilitate desensitization of an airfoil unsteady pressure response to at least one impinging upstream generated wake or vortex by decorrelating spatially and temporally and reducing in amplitude an unsteady pressure caused by interaction of the airfoil with the upstream generated wake or vortex.



No. of Pages: 41 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5100/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: CHEMICAL MECHANICAL POLISHING COMPOSITION COMPRISING POLYVINYL PHOSPHONIC ACID AND ITS DERIVATIVES

(51) International :C09G1/02,C09K3/14,H01L21/304

:21/12/2011

classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/IB2011/055864

No Filing Date

(87) International Publication :WO 2013/093557

(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

2)GAO Ning

(72)Name of Inventor:

1)Raman Vijay Immanuel

2)Schade Christian

3) VENKATARAMAN Shyam Sundar

4)SU Eason Yu Shen

5)Usman Ibrahim Sheik Ansar

(57) Abstract:

A chemical mechanical polishing (CMP) composition comprising: (A) inorganic particles organic particles or a mixture or composite thereof (B) at least one type of an organic polymeric compound as a dispersing agent or charge reversal agent comprising a phosphonate (P(=O)(OR1)(OR2)) or phosphonic acid (P(=O)(OH)2) moiety or their deprotonated forms as pendant groups wherein R is alkyl aryl alkylaryl or arylalkyl R is H alkyl aryl alkylaryl or arylalkyl and (C) an aqueous medium.

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

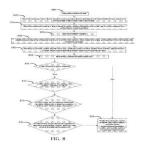
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEM FOR DIFFERENTIAL REALIGNMENT OF VERTEBRA UNDER TENSION

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:201110415351.5	1)BEIJING RYZUR AXIOM MEDICAL INVESTMENT
(32) Priority Date	:13/12/2011	CO. LTD
(33) Name of priority country	:China	Address of Applicant :West Mapo Jing Mi Road Shun Yi
(86) International Application No	:PCT/CN2012/086579	District Beijing 101300 China
Filing Date	:13/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/087009	1)REN Song
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for differential realignment of vertebra under tension is provided. It provides a tensioning device (10) including a patient positioning means (100) a tension producing actuator (170) a positioning device (140) a patient interface device (120) and a control system (190). The control system (190) with feedback on the resultant tension vector applied to patient spine allows for adjustment of either tension producing actuator (170) position or patient position or both while applying therapeutic tension levels to the patient spine. The tensioning device (10) automatically adjusts the resultant tension vector angle such that the resultant tension vector magnitude remains ideally constant during the adjustment of the tension producing actuator (170) position or the patient position facilitating flexion of spinal segments while reducing the risk of eliciting paraspinal muscle contraction due to changes in resultant tension vector magnitude.



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

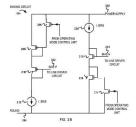
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: TRI STATE CONTROL FOR A LINE DRIVER

(51) International classification	:H04L25/02,H04L5/16	(71)Name of Applicant:
(31) Priority Document No	:13/340365	1)QUALCOMM INCORPORATED
(32) Priority Date	:29/12/2011	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/US2012/071829	(72)Name of Inventor:
Filing Date	:27/12/2012	1)LEE Sang Min
(87) International Publication No	:WO 2013/101934	2)MACK Michael Peter
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tri state control mechanism can be implemented for a line driver of a transmitter unit to switch the output impedance of the transmitter unit between a low impedance state in the transmit mode and a high impedance state in the receive mode while minimizing turn off glitch. It may be determined whether a communication device comprising the transmitter unit is configured in a transmit operating mode or a receive operating mode. If the communication device is configured in the receive operating mode a first bias voltage can be generated to bias output transistors of the line driver circuit in a sub threshold state. If the communication device is configured in the transmit operating mode a second bias voltage can be generated to bias output transistors of the line driver circuit in a saturation state.



No. of Pages: 47 No. of Claims: 24

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : LOCALISED ONE DIMENSIONAL MAGNETIC RESONANCE SPATIAL FREQUENCY SPECTROSCOPY

(51) International :G01R33/483,G01R33/54,G01N24/08

(31) Priority Document No :61/567511 (32) Priority Date :06/12/2011 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2012/068284

Filing Date :06/12/2012

(87) International Publication No :WO 2013/086218

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

Application Number Filing Date :NA (71)Name of Applicant:

1)ACUITAS MEDICAL LIMITED

Address of Applicant :#12 Technium One Kings Road

Swansea Wales SA1 8PH U.K.

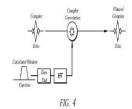
(72)Name of Inventor:

1)CHASE David R.2)JAMES Timothy W.

3)FARR Lance W.

(57) Abstract:

A method of assessing a spatial frequency distribution within a sample comprising subjecting the sample to magnetic resonance excitation receiving an echo signal from the sample while the sample is subjected to a magnetic field gradient applying an invertible linear transform to the echo signal identifying a region of interest in the transformed echo signal and deriving a corresponding window function applying the window function (in the signal or transform domain) to the echo signal to remove echo signal coming from regions of the sample outside of the region of interest and analyzing the one dimensional spatial frequency content in the windowed echo signal in order to access a one dimensional spatial frequency distribution within the region of interest within the sample without creating an image.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4998/CHENP/2014 A

(19) INDIA

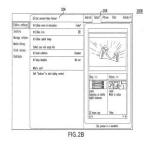
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EDITION DESIGNER

(51) International classification	:G06Q50/10,G06F3/048	(71)Name of Applicant:
(31) Priority Document No	:13/312499	1)GOOGLE INC.
(32) Priority Date	:06/12/2011	Address of Applicant :1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2012/059365	(72)Name of Inventor:
Filing Date	:09/10/2012	1)SHALABI Sami Mohammed
(87) International Publication No	:WO 2013/085615	2)SHORE Maurice Bennett
(61) Patent of Addition to Application	:NA	3)DOLL Cassandra Lynn
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system computer implemented method and computer readable medium f designing different magazine editions are provided. A studio backend is configured t provide a user interface for designing the magazine editions and enable a user to select through the user interface at least one content source to provide the respective edition content in respective magazine editions. The studio backend through the user interface further enables the user to select one or more layout templates for different magazine editions through the user interface each layout template being associated with a specific type of each mobile device and configure the selected layout templates to define th display of respective edition content in respective magazine editions. The studio backend then sends the configured layout templates for the respective magazine editions to the plurality of mobile devices where magazine editions may be displayed at the plurality mobile devices according to the respective configured layout templates and include the edition content for the respective magazine editions.



No. of Pages: 49 No. of Claims: 28

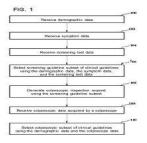
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SELECTION OF CLINICAL GUIDELINE FOR CERVICAL CANCER

:G06F19/00,A61B1/303 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/581690 (32) Priority Date :30/12/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/IB2012/057181 Filing Date :11/12/2012 1)NAIK Sarif Kumar (87) International Publication No :WO 2013/098687 2) JAYAVANTH Sanjay (61) Patent of Addition to Application 3)VAJINEPALLI Pallavi :NA 4)KESWARPU Payal :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The inventon provides for a medical instrument (200 300 600) comprisines a medical guideline database (218 608) containing a set of clinical guidelines for cervical cancer. The medical instrument further comprises a memory (214) for storing machine executable instructions wherein execution of the instructions causes a processor to: receive (100) demographic data (230) of a subject; receive (102) symptom data (232) descriptive of the subject; receive (104) screening test data (222) descriptive of the subject; select (106) a screening guideline subset (234) of the set of clinical guidelines in accordance with the demographic data the symptom data and the screening test data; generate (108) a colposcopic inspection request (236) using the screening guideline subset; receive (109) colposcopic data (235) acquired by a colposcope; and select (110) a colposcopic guideline subset (238) of the set of clinical guidelines in accordance with the demographic data and the colposcope data.



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

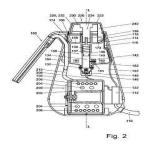
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MANUALLY OPERATED IN CUP MILK FROTHING APPLIANCE

(51) International classification	:A47J31/44	(71)Name of Applicant :
		1 ' '
(31) Priority Document No	:61/581126	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:29/12/2011	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/IB2012/057408	(72)Name of Inventor:
Filing Date	:18/12/2012	1)BRUINSMA Rodin Enne
(87) International Publication No	:WO 2013/098710	2)VAN DER WONING Mark Ronald
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A milk frothing appliance (1) comprising: a water reservoir (160); a steam generator (200); a milk frothing device (180) that is fluidly connected to the steam generator (200); and a hand pump (130) that is fluidly connected to both the water reservoir and the steam generator comprising a manually operable actuator (220) that is moveable between a first actuator position and a second actuator position and that upon movement from the first actuator position into the second actuator position causes displacement of fluid from the water reservoir to the steam generator (200).



No. of Pages: 25 No. of Claims: 11

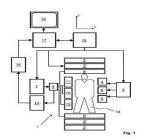
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : MRI WITH DIXON TYPE WATER/FAT SEPARATION AND PRIOR KNOWLEDGE ABOUT INHOMOGENEITY OF THE MAIN MAGNETIC FIELD

(51) International classification	:G01R33/48	(71)Name of Applicant:
(31) Priority Document No	:61/581287	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:29/12/2011	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/EP2012/074944	(72)Name of Inventor:
Filing Date	:10/12/2012	1)BOS Clemens
(87) International Publication No	:WO 2013/098060	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of MR imaging of at least two chemical species having different MR spectra. It is an object of the invention to provide a method that enables Dixon water/fat separation in cases in which a large field of view is required. The method of the invention comprises the steps of: a) generating at least one echo signal by subjecting a body placed in the examination volume of a MR device to an imaging sequence of RF pulses and switched magnetic field gradients; b) acquiring the at least one echo signal; c) separating signal contributions of the at least two chemical species to the at least one acquired echo signal on the basis of a spectral model and prior knowledge about the spatial variation of the main magnetic field Bo in the examination volume; and d) reconstructing a MR image from the signal contributions of at least one of the chemical species. Moreover the invention relates to a MR device and to a computer program to be run on a MR device.



No. of Pages: 16 No. of Claims: 9

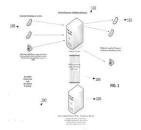
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ADVERTISEMENTS IN FREE PHONE CALLS

(51) International classification	:H04W	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Mohamed Nazeem
(32) Priority Date	:NA	Address of Applicant :Pavoorayil House, Chammanur Post,
(33) Name of priority country	:NA	Punnayurkulam, Thrissur Dist, Kerala, India Pin: 679561 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Mohamed Nazeem
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a system and method for an advertiser supported communication system wherein a user can place a call without charge or at a subsidized rate on listening to an advertisement over the phone while the charges for the call are incurred by the sponsors of the advertisement. When a caller dials the destination number, the call is received by a telephony server that plays advertisements to the caller for a first predefined period. After the first predefined period, the telephony server routes the call to the destination number, and provides a free or subsidized call to the destination number for a second predefined period. Figure I



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

(21) Application No.3285/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: UNIVERSAL ADJUSTING SPANNER

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BASIL KURIAN
(32) Priority Date	:NA	Address of Applicant :Vellathinanical, Keerampara P.O.
(33) Name of priority country	:NA	Kothamangalam, Ernakulam, 686681. Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BASIL KURIAN
(87) 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 self adjustable ring spanner. In one embodiment the self adjustable spanner comprising: a handle having a driving head at one end, wherein the driving head includes an opening to receive fasteners, a driving head with first and second teeth portion coupled to the rotatory disk via first and second link, wherein the first and second teeth portion are movable by a linked mechanism with a link coupled in-between the ring and rotary disk, a ring fixed on a bearing to reduce the friction due to the rotation of ring on the rotary disk and a synchromesh device to engage and disengage the rotary disk with a ring, wherein the engage is achieved automatically by coil spring force.

No. of Pages: 18 No. of Claims: 5

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR PERFORMING FAST, SECURE AND CONVENIENT PAYMENT USING MOBILE APP LINKED TO MOBILE PHONE NUMBER

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Chintan Sharrma
(32) Priority Date	:NA	Address of Applicant :421 2nd Floor 14thA Main 1st Block
(33) Name of priority country	:NA	3rd Stage, Basaveshwaranagar. Bangalore Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Chintan Sharrma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is the method to perform fast, secure and convenient payment transaction via mobile application (106) linked to the registered mobile phone number of the card (201) owner (102). Wherein user (102) before initiating the payment transaction at point of sale (207) send payment approval request to the server (205) using mobile application (106) installed on registered mobile phone number device (104), server (205) upon receiving the request does the validation and sends response to the mobile device (104), upon approval user (102) initiates payment transaction at point of sale (207) by providing card (201) details only or card (201) details and one time password if sent by server (205) in response of payment approval request. Reference figure: FIG 1.

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

(21) Application No.5120/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: USE OF AQUEOUS POLYURETHANE DISPERSIONS FOR COMPOSITE FILM LAMINATION

(51) International classification	:C09J175/06,C08G18/40,C08G18/44	(71)Name of Applicant: 1)BASF SE	
(31) Priority Document No	:11192719.0	Address of Applicant :67056 Ludwigshafen Germany	
(32) Priority Date	:09/12/2011	(72)Name of Inventor:	
(33) Name of priority country	:EPO	1)MEYER Axel 2)SCHUMACHER Karl Heinz	
(86) International Application No	:PCT/EP2012/073818 :28/11/2012	3)KIENER Christoph	
(87) International Publication No	:WO 2013/083456		
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA		
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:EPO :PCT/EP2012/073818 :28/11/2012 :WO 2013/083456 :NA :NA	1)MEYER Axel 2)SCHUMACHER Karl Heinz	

(57) Abstract:

The use is described of aqueous polyurethane dispersions for composite film lamination where the polyurethane is composed to at least 10% by weight of at least one amorphous polyesterpolyol.

No. of Pages: 19 No. of Claims: 15

(21) Application No.5121/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HIGH SOLIDS COATING AND PROCESS FOR COATING

(51) International classification :C08K3/00,C09D101/14,C09D161/28

(31) Priority Document No :61/569508 (32) Priority Date :12/12/2011

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

(86) International :PCT/US2012/065557

Application No Filing Date :16/11/2012

(87) International

Publication No :WO 2013/089968

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

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

(71)Name of Applicant:

1)BASF COATINGS GMBH

Address of Applicant :Glasuritstrasse 1 48165 Muenster

Germany

(72)Name of Inventor:

1)DECEMBER Timothy S.
2)PARTYKA John G.
3)JUNG Werner Alfons

4)STEFFENS Alexandra

(57) Abstract:

A high solids coating composition having exceptional rheological properties and appearances comprises (a) a thermosetting binder (b) from about 0.1 to about 10 wt.% based on binder solids of solid polyurea particles prepared by the reaction of a mixture of a polyisocyanate and an amino reactant comprising a primary or secondary monoamine that optionally has a hydroxyl or ether group or both and (c) from about 5 to about 20 wt.% based on binder solids of a cellulose mixed ester having a number average molecular weight of from about 1000 to about 5600 a polydispersity of from about 1.2 to about 3.5 and a total degree of substitution per anhydroglucose unit of from about 3.08 to about 3.5.

No. of Pages: 43 No. of Claims: 19

(21) Application No.5125/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: MULTIPLEX IMMUNO SCREENING ASSAY

(51) International :C12N9/10,C12N15/62,G01N33/543 classification

(31) Priority Document No :EP2011/072387 (32) Priority Date :09/12/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/074986

Application No :10/12/2012 Filing Date

(87) International Publication: WO 2013/083847

(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)INSTITUT PASTEUR

Address of Applicant :25 28 rue du Docteur Roux F 75015

Paris France

(72) Name of Inventor:

1)MANUGUERRA Jean Claude 2)VANHOMWEGEN Jessica 3)DESPRES Philippe

4)PAULOUS Sylvie

(57) Abstract:

The present invention provides kits and assay methods for the early detection of pathogens precise identification of the etiologic agent and improved disease surveillance. More specifically the present invention discloses an immunoassay leading to the rapid and simultaneous detection of antibodies to a wide range of infectious pathogens in biological fluids of infected patients. This immunoassay involves the covalent and oriented coupling of fusion proteins comprising an AGT enzyme and a viral antigen on an identifiable solid support (e.g. fluorescent microspheres) said support being previously coated with an AGT substrate. This coupling is mediated by the irreversible reaction of the AGT enzyme on its substrate. The thus obtained antigen coupled microspheres show enhanced capture of specific antibodies as compared to antigen coupled microspheres produced by standard amine coupling procedures. The methods of the invention possess the ability to multiplex minimize the amount of biological sample and have enhanced sensitivity and specificity toward target antibodies as compared with classical ELISA or Radio Immunoprecipitation assays.

No. of Pages: 337 No. of Claims: 56

(21) Application No.5126/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: RAPIDLY DISSOLVING COMESTIBLE SOLID

(51) International classification :A23G3/00,A23G3/42,A23L1/09 (71) Name of Applicant:

(31) Priority Document No :61/568273 (32) Priority Date :08/12/2011

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

(86) International Application :PCT/US2012/067888 No

:05/12/2012 Filing Date

(87) International Publication No: WO 2013/085963

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

(62) Divisional to Application Number :NA

Filing Date

1)THE HERSHEY COMPANY

Address of Applicant :100 Crystal A Drive Hershey PA 17033

U.S.A.

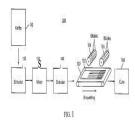
(72) Name of Inventor:

1) CARROLL Thomas J. 2)KUMIEGA Steven M.

:NA

(57) Abstract:

A rapidly dissolving comestible solid is disclosed that includes a fondant formed from a super saturated solution having a bulk sweetener a hydrocolloid a texturizing agent and water. Other ingredients may also be added and in embodiments in which the solid is provided as a breath freshener flavoring agents cooling agents and/or other ingredients useful in conventional breath freshening products may be used. A method for making the comestible solid is also disclosed.



No. of Pages: 17 No. of Claims: 20

(21) Application No.5127/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHODS AND KITS FOR ROOM TEMPERATURE *IN SITU* DETECTION OF A TARGET NUCLEIC ACID IN A BIOLOGICAL SAMPLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :61/569656 :12/12/2011 :U.S.A. :PCT/US2012/069178 :12/12/2012 :WO 2013/090386 :NA :NA	(71)Name of Applicant: 1)CELLAY INC. Address of Applicant:100 Inman Street Suite 200 Cambridge MA 02139 U.S.A. (72)Name of Inventor: 1)AURICH COSTA Joan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

in situThe present invention relates to hybridization methods for detecting a target nucleic acid in a biological sample comprising performing one or more method steps (e.g. pretreatment denaturation hybridization washes) at room temperature. The invention further relates to kits for performing such methods.

No. of Pages: 54 No. of Claims: 42

(21) Application No.5128/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: HIGH SOLIDS COATING AND PROCESS FOR COATING

(51) International :C08L23/08,C08L31/04,C08L33/06

classification

(31) Priority Document No :61/568919 (32) Priority Date :09/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/065578

:16/11/2012 Filing Date

(87) International Publication :WO 2013/085697

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)BASF COATINGS GMBH

Address of Applicant : Gkd/mp B311 Glassuritstrasse 1 48165

Muenster Germany (72)Name of Inventor: 1) DECEMBER Timothy S. 2)PARTYKA John G.

3) CAMPBELL Donald H.

A high solids coating composition having exceptional rheological properties and appearances comprises (a) a thermosetting binder (b) from about 0.1 to about 10 wt.% based on binder solids of solid polyurea particles prepared by the reaction of a mixture of a polyisocyanate and an amino reactant comprising a primary or secondary monoamine that optionally has a hydroxyl or ether group or both and (c) from about 2 to about 25 wt.% on resin solids of an acrylic polymer having a number average molecular weight of from about 2000 to about 8000 and a glass transition temperature of from about 50 to about 120°C.

No. of Pages: 41 No. of Claims: 19

(21) Application No.5129/CHENP/2014 A

Coquitlam British Columbia V3E 0C2 Canada

Address of Applicant: 186 3105 Dayanee Springs Blvd

1)MOTTAHEDEH Soheyl

1)MOTTAHEDEH Soheyl

(72)Name of Inventor:

(19) INDIA

(22) Date of filing of Application:04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: LOW COST PHOTOBIOREACTOR

(51) International classification	:C12M1/00,C12M1/42,C12M3/00	(71)Name of Applicant:
(31) Priority Document No	:2761251	1)MOTTAHEDEH Soh
(32) Priority Date	:07/12/2011	Address of Applicant:
(33) Name of priority country	:Canada	Coquitlam British Columb

(86) International Application :PCT/CA2012/050750

:22/10/2012 Filing Date

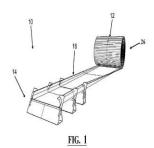
(87) International Publication :WO 2013/082713

(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 provides a photobioreactor comprising at least one translucent flexible sheet shapable by a support assembly forming thereby an elongated channel adapted for biomass production therewithin. Kits for making a photobioreactor and a floatable photobioreactor are also provided.



No. of Pages: 43 No. of Claims: 16

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PROCESS FOR SYNTHESIS OF GRAPHENE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C01B31/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH Address of Applicant: Jakkur, Bangalore 560 064, Karnataka, India Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GIRIDHAR UDAPI RAO KULKARNI
(61) Patent of Addition to Application Number	:NA	2)UMESHA MOGERA
Filing Date	:NA	3)NARENDRA KURRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT The present disclosure relates to a process for synthesizing graphene including but not limited to single layer graphene, bilayer graphene and multilayer graphene. The process provided herein employs Joule heating method and provides for single layer graphene which exhibits no D peak/band. Thus, the present disclosure provides a process for arriving at a defect free single layer graphene. The disclosure further relates to said graphene per se including but not limited to single layer graphene, bilayer graphene and multilayer graphene, wherein the single layer graphene exhibits no D peak/band.

No. of Pages: 28 No. of Claims: 16

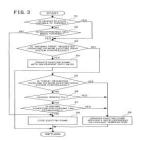
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTRIC PUMP CONTROL SYSTEM FOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:h01m :2013- 148889 :17/07/2013 :Japan :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken, Japan Japan (72)Name of Inventor: 1)Atsushi HAMAI
(87) 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:

Combination of an electric drive system composed of a set of components involving a drive motor, a drive circuit for driving the drive motor, and a rechargeable cell, an electric pump for circulating coolant in a circulation route routed through the components, and an ECU (electronic control unit) for controlling a flow rate of coolant in the circulation route, the ECU controlling the flow rate of coolant (at steps S4, S8, and S9) depending on a set of temperatures of coolant detected by a set of coolant temperature sensors, and a driving state requested by a set of electric drive system controllers for the components (at steps S3 and S5). [Selected drawing] Fig: 3



No. of Pages: 41 No. of Claims: 9

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A FIXATIVE SOLUTION FOR TISSUES

(51) International classification	:A23L1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M. S. Ramaiah University of Applied Sciences
(32) Priority Date	:NA	Address of Applicant :University House, Gnanagangothri
(33) Name of priority country	:NA	Campus, New BEL Road, M S R Nagar, Bangalore - 560 054,
(86) International Application No	:NA	Karnataka, India. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Roopa S Rao
(61) Patent of Addition to Application Number	:NA	2)Dr. Shankargouda Patil
Filing Date	:NA	3)Dr. Ganavi B. S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT According to an aspect of the present disclosure, a fixative solution comprising a sweetener derived from natural source, a buffer solution and an anti-fungal agent wherein fixation of biopsied tissue samples is performed using the fixative solution. In one embodiment of the present disclosure, 30% jaggery and 20% honey are used as sweeteners. In another embodiment, citric acid sodium citrate buffer solution and thymol crystals are used as buffer solution and anti-fungal agent respectively. Fructose present in the sweeteners breakdown to aldehydes and further cross-links with tissue amino acids facilitating the tissue fixation.

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

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: MULTI FREE LAYER MTJ AND MULTI TERMINAL READ CIRCUIT WITH CONCURRENT AND **DIFFERENTIAL SENSING**

(51) International :G11C11/16,G11C11/56,H01L27/22 classification

(31) Priority Document No :61/595815 (32) Priority Date :07/02/2012

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

(86) International Application: PCT/US2013/025191

No :07/02/2013 Filing Date

(87) International Publication :WO 2013/119846

(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)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)LI Xia

2)WU Wenqing

3)KIM Jung Pill

4)ZHU Xiaochun

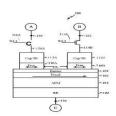
5)KANG Seung H.

6)MADALA Raghu Sagar

7)YUEN Kendrick H.

(57) Abstract:

A multi free layer magnetic tunnel junction (MTJ) cell includes a bottom electrode layer an antiferromagnetic layer on the bottom electrode layer a fixed magnetization layer on the antiferromagnetic layer and a barrier layer on the fixed magnetization layer. A first free magnetization layer is on a first area of the barrier layer and a capping layer is on the first free magnetization layer. A free magnetization layer is on a second area of the barrier layer laterally displaced from the first area and a capping layer is on the second free magnetization layer. Optionally current switches establish a read current path including the first free magnetization layer concurrent with not establishing a read current path including the second free magnetization layer. Optionally current switches establishing a read current path including the first and second free magnetization layer.



No. of Pages: 108 No. of Claims: 61

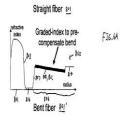
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: BEND COMPENSATED FILTER FIBER

(51) International classification	:G02B6/028	(71)Name of Applicant:
(31) Priority Document No	:61/570403	1)OFS FITEL LLC
(32) Priority Date	:14/12/2011	Address of Applicant :2000 Northeast Expressway Norcross
(33) Name of priority country	:U.S.A.	GA 30071 U.S.A.
(86) International Application No	:PCT/US2012/069814	(72)Name of Inventor:
Filing Date	:14/12/2012	1)FINI John M.
(87) International Publication No	:WO 2013/090759	2)TAUNAY Thierry F.
(61) Patent of Addition to Application	:NA	3)YAN Man
Number	:NA	4)NICHOLSON Jeffrey W.
Filing Date	.IVA	5)FLEMING James W.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical fiber includes a core region having a longitudinal axis. A cladding region surrounds the core region. The core region and cladding region are configured to support and guide the propagation of signal light in a fundamental transverse mode in the core region in the directions of the axis. The fiber has a bend induced gradient of its equivalent index of refraction indicative of a loss in guidance of the mode. At least a portion of cladding region has a graded index of refraction opposite the bend induced gradient. The cladding region is configured to have a substantially flat equivalent index in response to a bend of the optical fiber.



No. of Pages: 38 No. of Claims: 27

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

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

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHASUN PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :28, BATRA CENTRE, 3RD & 4TH
(33) Name of priority country	:NA	FLOOR, SARDAR PATEL ROAD, GUINDY, CHENNAI - 600
(86) International Application No	:NA	032 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. MOHAN SINGARAVEL
(61) Patent of Addition to Application Number	:NA	2)THANIGAIARASU MOHANASUNDARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses an improved process for preparing Rebamipide with high purity and high yield. The Rebamipide is used as a medicament for treating gastric ulcer and the like. Generally, the process comprises subjecting carbostyrildiacid and/or its ester and/or its salt compound of formula (IV) containing the 6-bromo carbostyril analog compound of formula (IVa) as an impurity to a reduction treatment before converting into the desired Rebampide.

No. of Pages: 23 No. of Claims: 7

(21) Application No.3278/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: YOUTHFUL LOOK NASAL DROPS

Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Supplication Number Filing Date (83) Name of priority country Supplication No Supplication Number	(71)Name of Applicant: 1)GIRIVAS VISWANATH SHET Address of Applicant: MYSORE SANDAL PRODUCTS,. 6/1872, SASTHANAGAR, AANAVATHIL, MATTANCHERRY, COCHIN - 682 002 Kerala India (72)Name of Inventor: 1)GIRIVAS VISWANATH SHET
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(57) Abstract:

Instead of sesamum indicum preparation in Olive, or mustard or coconut oil comes under this invention. This preparation with Rubia Cordifolia or saffron to give glow to the face comes under this invention. Instead of nasal drops, drops on the central point of the scalp comes under this invention.

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

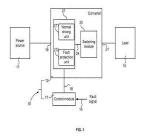
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CIRCUIT FOR FAULT PROTECTION

(51) International classification (31) Priority Document No	:g05B :201310282340.3	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:05/07/2013	Address of Applicant: 1 River Road Schenectady, New York
(33) Name of priority country	:China	12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ZHANG, Yingqi
(87) International Publication No	: NA	2)QIN, Laigui
(61) Patent of Addition to Application Number	:NA	3)ZHANG, Fan
Filing Date	:NA	4)HAO, Xin
(62) Divisional to Application Number	:NA	5)WU, Tao
Filing Date	:NA	6)ZHANG, Ying

(57) Abstract:

A circuit includes a switching module, a control module, and a driving module. The driving module is electrically coupled between the control module and the switching module for generating a driving signal. The driving module includes a normal driving unit and a fault protection unit. The normal driving unit is for turning on and off the switching module according to a first command signal from the control module. The fault protection unit is for lowering the driving signal from a driving value to a protection value according to a second command signal from the control module during a fault protection period after the control module receives a fault signal. FIG.



No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :04/07/2014

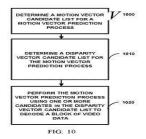
(43) Publication Date: 12/02/2016

(54) Title of the invention : MULTI HYPOTHESIS DISPARITY VECTOR CONSTRUCTION IN 3D VIDEO CODING WITH DEPTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N13/00,H04N7/32 :61/584089 :06/01/2012 :U.S.A. :PCT/US2013/020365	(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:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:04/01/2013 :WO 2013/103879 :NA :NA :NA	1)CHEN Ying 2)KARCZEWICZ Marta

(57) Abstract:

A method and apparatus for decoding and encoding multiview video data is described. An example method may include coding a block of video data using a motion vector prediction process determining a motion vector candidate list determining a disparity vector candidate list for the motion prediction process wherein the disparity vector candidate list includes at least two types of disparity vectors from a plurality of disparity vector types the plurality including a spatial disparity vector (SDV) a smooth temporal view (STV) disparity vector a view disparity vector (VDV) and a temporal disparity vector (TDV) and performing the motion vector prediction process using one of the disparity vector candidate list and the motion vector candidate list.



No. of Pages: 72 No. of Claims: 48

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

:NA

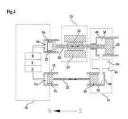
(54) Title of the invention: STIRLING CYCLE MACHINES

:F02G1/043,F02G1/044	(71)Name of Applicant :
:1200506.2	1)ISIS INNOVATION LIMITED
:12/01/2012	Address of Applicant :Ewert House Ewert Place Summertown
:U.K.	Oxford Oxfordshire OX2 7SG U.K.
:PCT/GB2013/050015	(72)Name of Inventor:
:07/01/2013	1)DADD Michael William
:WO 2013/104894	
•N A	
:NA	
:NA	
	:1200506.2 :12/01/2012 :U.K. :PCT/GB2013/050015 :07/01/2013 :WO 2013/104894 :NA :NA

(57) Abstract:

Filing Date

Stirling cycle machines including engines and coolers or heat pumps are described. In a disclosed arrangement there is provided a Stirling cycle engine comprising: an expansion volume structure defining an expansion volume; a gas spring coupling volume structure defining a gas spring coupling volume; a first reciprocating assembly comprising an expansion piston configured to reciprocate within the expansion volume and an expander gas spring piston rigidly connected to the expansion piston and configured to reciprocate within the gas spring coupling volume; and a second reciprocating assembly comprising a compression piston configured to reciprocate within the compression volume and a compressor gas spring piston rigidly connected to the compression piston and configured to reciprocate within the gas spring coupling volume wherein the gas spring coupling volume structure and the first and second reciprocating assemblies are configured such that power is transferred in use from the expansion piston to the compression piston via the gas spring coupling volume.



No. of Pages: 39 No. of Claims: 38

(22) Date of filing of Application :02/07/2014

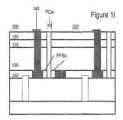
(43) Publication Date: 12/02/2016

(54) Title of the invention : IMPROVED METHOD OF PRODUCING TWO OR MORE THIN FILM BASED INTERCONNECTED PHOTOVOLTAIC 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 	:H01L27/142 :61/583238 :05/01/2012 :U.S.A. :PCT/US2012/068887 :11/12/2012 :WO 2013/103479 :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)FEIST Rebekah K. 2)MILLS Michael E.
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is premised upon a method of producing two or more thin film based interconnected photovoltaic cells comprising the steps of: a) providing a photovoltaic article comprising: a flexible conductive substrate at least on photoelectrically active layer a top transparent conducting layer and a carrier structure disposed above the tap transparent layer; b) forming one or more first channels through the layers of the photovoltaic article; c) applying an insulating layer to the conductive substrate and spanning the one or more first channel; d) removing the carrier structure; e) forming an addition to the one or more first channels through the insulating layer; f) forming one or more second channels off set from the one or mom first channels through the insulating layer to expose a conductive surface of the flexible conductive substrate; g) applying a first electrically conductive material to the conductive surface of the flexible conductive substrate via the one or more; second channels; h) applying an electrically conductive film to the first insulating layer wherein the film is In electrical communication with the flexible conductive substrate via the first electrically conductive material; J) applying a second electrically conductive material above the top transparent conducting layer and through the one or more first channels electrically connecting the layers of the photovoltaic article from step b to the electrically conductive film; j) forming one: or more third channels through the electrically conductive film; k) applying a second Insulating layer below the electrically conductive film; layer below the layers of the photovoltaic article thus producing two or more intercon



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

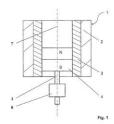
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DRIVE UNIT FOR A STEP SWITCH

(51) International classification	:H01F7/16,H01H51/22	(71)Name of Applicant:
(31) Priority Document No	:20 2012 100 603.0	1)MASCHINENFABRIK REINHAUSEN GMBH
(32) Priority Date	:23/02/2012	Address of Applicant :Falkensteinstrae 8 93059 Regensburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/050627	(72)Name of Inventor:
Filing Date	:15/01/2013	1)HURM Christian
(87) International Publication No	:WO 2013/124091	2)VIERECK Karsten
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a drive unit for a step switch for actuating switch contacts. The problem addressed by the invention is that of providing a drive unit for a step switch which is arranged closer to the step switch guarantees a fast and safe actuation of the step switch and also has a compact design. The problem is solved by a drive unit which consists of a lift magnet arranged directly on the switch contact which opens or closes the switch contact by applying a voltage.



No. of Pages: 16 No. of Claims: 10

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METAL COLLOIDAL SOLUTION AND METHOD FOR PRODUCING SAME

(57) Abstract:

The present invention is a metal colloidal solution that contains colloidal particles each of which is composed of a metal particle formed of one or more metals and a protective agent bonded to the metal particle and a solvent that serves as the dispersion medium for the colloidal particles. The metal colloidal solution is characterized in that the chloride ion concentration per 1% by mass of the metal concentration is 25 ppm or less and the nitrate ion concentration per 1% by mass of the metal concentration is 7 500 ppm or less. The present invention is capable of improving the adsorption capacity of the colloidal particles by adjusting the amount of protective agent for the colloidal particles. It is preferable that the protective agent is bonded to each metal particle in an amount of 0.2 2.5 times the mass of the metal particle.

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :02/07/2014

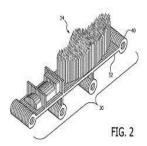
(43) Publication Date: 12/02/2016

(54) Title of the invention : TOOTHBRUSH WITH A BRISTLE FIELD WHICH COMPRISES A COMPOSITE OF LAYERS OF BASE AND BRISTLE COMPONENTS

(51) International classification	:A46B7/00.A46B9/00	(71)Name of Applicant:
(31) Priority Document No	:61/580354	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:27/12/2011	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/IB2012/057755	(72)Name of Inventor:
Filing Date	:27/12/2012	1)MILLER Kevin Arnold
(87) International Publication No	:WO 2013/098776	2)VRIJBURG Folkert
(61) Patent of Addition to Application	:NA	3)WESTRUP Geert Hendrik
Number	:NA	4)LEVELING Jurriaan Bernhard Rudolf
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The toothbrush includes a brushhead (24) having a multi layer bristle field assembly (30) which includes alternate thin base layers (32) and thin bristle layers (34) which are bonded together to form the bristle field assembly. The base layers provide support for the bristle field assembly while the bristle layers are configured to provide bristle elements therealong for brushing of the teeth.



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: MAGNETIC RESONANCE THERMOGRAPHY: HIGH RESOLUTION IMAGING FOR THERMAL **ABNORMALITIES**

(51) International :A61B5/01,A61B5/055,G01R33/48

classification

:61/580412 (31) Priority Document No (32) Priority Date :27/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/057260 No

:13/12/2012 Filing Date

(87) International Publication

:WO 2013/098690

(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)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor: 1)HUANG Feng 2) REYKOWSKI Arne

3) DUENSING George Randall

(57) Abstract:

A magnetic resonance scanner (12) is configured for themographic imagin. One or more processors (28) receive (56) thermal image data from the magnetic resonance scanner and reconstruct at least one thermal image in which each voxel includes a measure of temperature change. The one or more processors identify (58)thermally abnormal voxels. A display (44)displays at least one reconstructed image with the identified abnormal thermal locations.



No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : MOUTHPIECE FOR CLEANING TEETH COMPRISED OF ALTERNATING LAYERS OF BASE AND BRISTLE COMPONENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61C17/22 :61/580408 :27/12/2011 :U.S.A. :PCT/IB2012/057426 :18/12/2012 :WO 2013/098718 :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)LEVELING Jurriaan Bernhard Rudolf 2)VRIJBURG Folkert 3)WESTRUP Geert Hendrik
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The mouthpiece includes a plurality of individual thin layers of material forming a base or shell portion of the mouthpiece alternating with a plurality of individual bristle layers which are configured to the shape of bristles at the interior surfaces thereof. The base layers are comprised of a material which is sufficiently stiff to permit driving of the mouthpiece while the bristle layers comprise material which is sufficiently flexible to produce an effective scrubbing action in operation without damage to the mouth tissues.

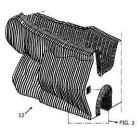


FIG. 2

No. of Pages: 11 No. of Claims: 8

(22) Date of filing of Application :04/07/2014

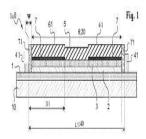
(43) Publication Date: 12/02/2016

(54) Title of the invention : BACK EMITTING OLED DEVICE AND METHOD FOR HOMOGENIZING THE LUMINANCE OF A BACK EMITTING OLED 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 	:H01L51/52 :1162578 :30/12/2011 :France :PCT/FR2012/053098 :28/12/2012 :WO 2013/098534 :NA :NA	(71)Name of Applicant: 1)SAINT GOBAIN GLASS FRANCE Address of Applicant:18 avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor: 1)CHERY Vincent 2)LIENHART Fabien 3)SAUVINET Vincent
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an OLED device (100) comprising: a transparent anode (1) having a specific sheet resistance R1 and a cathode (3) having a specific sheet resistance R2 the ratio r = R2/R1 being 0.01 to 2.5; at least one electrical anode contact and a first electrical cathode contact (5) having a specific so called contact surface that is arranged above the active area (20); and a reflector (6) covering the active area (20) above an organic light emitting system Et for each point B of the anode contact (41) point B being on a given edge of the first anode region (40) while defining a distance D between B and point C of the contact surface closest to said point B and while defining a distance L between said point B and a point X of an edge of the first anode region opposite the first edge while passing through C wherein the following criteria are defined: if 0.01 < r < 0.1 then 30% < D/L < 48%; if 0.1 < r < 0.5 then 10% < D/L < 45%; if 1.5 < r < 1 then 10% < D/L < 30%.



No. of Pages: 49 No. of Claims: 15

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: ILLUMINATING GLAZING UNIT FOR A VEHICLE

(51) International classification :B60J1/00,F21S8/10,B32B17/06 (71)Name of Applicant :

(31) Priority Document No :1250740 (32) Priority Date :26/01/2012

(33) Name of priority country :France

(86) International Application No: PCT/FR2013/050124

Filing Date :21/01/2013

(87) International Publication No: WO 2013/110885

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

:NA Number :NA Filing Date

1)SAINT GOBAIN GLASS FRANCE

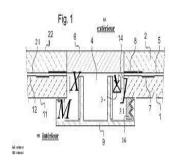
Address of Applicant :18 Avenue dAlsace F 92400

Courbevoie France (72) Name of Inventor:

1) VERRAT DEBAILLEUL Ad"le

(57) Abstract:

The present invention relates to an illuminating glazing unit for a vehicle comprising: a first transparent sheet (1) having a first main face (11) a second main face (12) and a peripheral edge face; a plurality of light emitting diodes (LED) (3) each comprising an emitting face (31); and a light extracting element (7) preferably located on one of the main faces of the first sheet characterized in that the first sheet is drilled with a through hole (4) bounded by an internal edge face (14) and in that one or more LEDs (3) are housed in the through hole (4) their emitting face (31) facing the internal edge face (14).



No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PRIORITIZING RISK MODELS AND SUGGESTING SERVICES BASED ON A PATIENT PROFILE

(57) Abstract:

The exemplary embodiments are related to systems and methods for prioritizing risk models and suggesting services tailored to a patient profile according to an exemplary embodiment described herein. One embodiment relates to a method comprising retrieving risk model and parameter data from a risk database retrieving hospital profile data from a records database determining a recommendation value for the model and parameter data based on the hospital profile data determining at least one recommended service for a patient based on the recommendation value and outputting the at least one recommended service to a user.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: REMOVAL OF ARTIFACTS FROM AN EM FIELD GENERATOR FROM A 3D SCAN

(51) International classification :A61B6/00,A61B19/00,G06T11/00

(31) Priority Document No :61/580509 (32) Priority Date :27/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/057741

No :27/12/2012

Filing Date
(87) International Publication
:WO 2013/098767

No
(61) Potent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(2) Polynomial State (1997)

(62) Divisional to Application Number :NA

Filing Date (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)JAIN Ameet Kumar 2)CHAN Raymond

A method system and program product are provided for removing artifacts from an EM field generator from a rotational 3D scan. The method comprises: preoperatively characterizing the artifacts from the EM field generator over a range of rotational positions of an x ray source and detector; intraoperatively determining the position of the EM field generator relative to the x ray source and detector; and removing the preoperatively characterized artifacts for the determined relative position of the EM field generator from a current x

ray image.

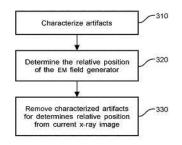


FIG. 3

No. of Pages: 17 No. of Claims: 15

(21) Application No.5028/CHENP/2014 A

(19) INDIA

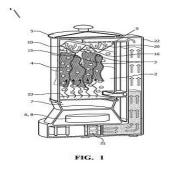
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: GARMENT CLEANING APPLIANCE

Number Filing Date (62) Divisional to Application Number :NA :NA :NA :NA :NA	Filing Date	:21/12/2012 :WO 2013/098730 :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)WANG Yanyan 2)JIANG Yong 3)VALIYAMBATH KRISHNAN Mohankumar
(62) Divisional to Application Number :NA Filing Date :NA			

(57) Abstract:

A garment cleaning appliance comprises a housing (1) having a chamber (2) to receive garments to be cleaned and a steam generator (6) for supplying steam to the chamber (2) to clean the garments in the chamber (2). The appliance also includes a condensing element (9) arranged to condense the steam such that condensate is directed onto the garments.



No. of Pages: 16 No. of Claims: 13

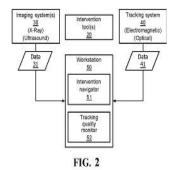
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: INTRA OPERATIVE QUALITY MONITORING OF TRACKING SYSTEMS

:A61B19/00,A61B5/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/580519 (32) Priority Date :27/12/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/IB2012/057745 Filing Date :27/12/2012 1)JAIN Ameet Kumar (87) International Publication No :WO 2013/098768 2)PARTHASARATHY Vijay (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An interventional system employing an interventional tool (20) having a tracking point and an imaging system (30) operable for generating at least one image of at least a portion of the interventional tool (20) relative to an anatomical region of a body. The system further employs a tracking system (40) operable for tracking any movements of the interventional tool (20) and the imaging system (30) within a spatial frame reference relative to the anatomical region of the body wherein the tracking system (40) is calibrated to the interventional tool (20) and the imaging system (30) and a tracking quality monitor (52) operable for monitoring a tracking quality of the tracking system (40)s as a function of a calibrated location error for each image between a calibrated tracking location of the tracking point within the spatial reference frame and an image coordinate location of the tracking point in the image.



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

(22) Date of filing of Application :04/07/2014

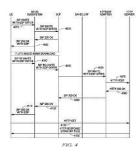
(43) Publication Date: 12/02/2016

(54) Title of the invention : IP MULTIMEDIA SUBSYSTEM AND METHOD FOR MBMS FILE REPAIR USING HTTP SERVERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/589774 :23/01/2012 :U.S.A. :PCT/US2013/022571 :22/01/2013 :WO 2013/112479	(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)OYMAN Ozgur
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed in some examples is a method of media repair in an Internet Protocol Multimedia Subsystem (IMS) based network the method includes communicating with an IMS network component using a Session Initiation Protocol (SIP) to setup a download session with a Broadcast Multicast Service Center (BMSC) over a Multi Media Broadcast Multicast Service (MBMS) bearer; responsive to determining that one or more encoding symbols of media downloaded using the established MBMS bearer cannot be decoded: requesting a file repair procedure from the IMS network component using a SIP re invite request the SIP re invite request including an address of an HyperText Transfer Protocol (HTTP) repair server indicated by the IMS network component during the MBMS bearer setup; responsive to receiving a SIP acknowledgement indicating that the request was successful requesting an HTTP connection with the HTTP server to re download the one or more encoding symbols of the media that could not be decoded; and receiving the one or more encoding symbols from the HTTP server.



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

(21) Application No.5030/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: TILE MOUNTING FOR PET DETECTORS

(51) International classification	:G01T1/161,G01T1/24	(71)Name of Applicant:
(31) Priority Document No	:61/580444	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:27/12/2011	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/IB2012/057365	(72)Name of Inventor:
Filing Date	:17/12/2012	1)LIU Jinling
(87) International Publication No	:WO 2013/098699	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A nuclear scanner includes an annular support structure (32) which supports a plurality of detector modules (30). Each detector module includes a cooling and mounting structure (34) to which a plurality of tiles (40) are mounted by passing pins (46 49) through holes (38) in the cooling and mounting structure (34) to position each tile and thermally connect each tile to the cooling and mounting structure (34). A tile mount (44) on the side of the tile that makes contact with the cooling and mounting structure has a smooth face to make contact with the cooling and mounting structure to provide good thermal contact between the tile (40) and the cooling and support structure (34).

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND SYSTEM FOR REDUCING EARLY READMISSION

(51) International classification	:G06F19/00	(71)Name of Applicant:
(31) Priority Document No	:61/580520	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:27/12/2011	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/IB2012/057599	(72)Name of Inventor:
Filing Date	:21/12/2012	1)CALO Rony
(87) International Publication No	:WO 2013/098740	2)GELEIJNSE Gijs
(61) Patent of Addition to Application	:NA	3)TESANOVIC Aleksandra
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The exemplary embodiments are related to systems and methods for reducing early readmission according to an exemplary embodiment described herein. One embodiment relates to a method comprising receiving patient data for a patient; creating a personalized risk model for the patient based on the patient data the personalized risk model including an overall risk level based on a plurality of risk factors; selecting one of the risk factors; administering treatment relating to the selected risk factor; updating the personalized risk model after administering treatment the updating including determining an updated risk level; determining whether the updated risk level is above a threshold level; and repeating the selecting administering updating and determining steps if the risk level is above the threshold level.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: FLEXIBLE CONNECTORS FOR PET DETECTORS

(51) International classification	:G01T1/161,G01T1/24	(71)Name of Applicant:
(31) Priority Document No	:61/580438	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:27/12/2011	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/IB2012/057482	(72)Name of Inventor:
Filing Date	:19/12/2012	1)LIU Jinling
(87) International Publication No	:WO 2013/098725	2)WEISSLER Bjoern
(61) Patent of Addition to Application	:NA	3)MARTIN Steven R.
Number	:NA	4)SCHULZ Volkmar
Filing Date	.IVA	5)GEBHARDT Pierre Klaus
(62) Divisional to Application Number	:NA	6)DUEPPENBECKER Peter Michael Jakob
Filing Date	:NA	7)RENZ Wolfgang

(57) Abstract:

A PET or SPECT radiation detector module (50) includes an array of detectors (54 58) and their associated processing circuitry are connected by a flexible cable having releasable connectors. A method of mounting and dismounting includes mounting a radiation detector array in a support structure in a diagnostic scanner connecting one end of a flexible connector to the detector array and connecting the other end of the flexible connector to its associated circuitry.

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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PATIENT INTERFACE CUSHION THEREOF AND MANUFACTURING METHOD

(51) International :A61M16/06,B65B53/02,B65B53/06

classification (31) Priority Document No :61/580473

(32) Priority Date :27/12/2011
(33) Name of priority

country :U.S.A.

(86) International Application No :PCT/IB2012/057525

Filing Date :20/12/2012

(87) International Publication: WO 2013/098727

(61) Patent of Addition to
Application Number
:NA

Application Number
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)ZNAMENSKIY Dmitry Nikolayevich

2)VLUTTERS Ruud 3)SOLDEA Octavian

4)VAN BREE Karl Catharina

5)VAN HEESCH Franciscus Hendrikus

6)VELTHOVEN Leo Jan

(57) Abstract:

A cushion arrangement for a patient interface (for communicating with the nose or the nose and mouth of a patient) comprises a cushion and a shaping structure in contact with the cushion. The shaping structure comprises a thermo shrink material and the local dimension of the themo shrink material determines a level of local compression or expansion of the cushion. The shaping structure enables the cushion to be customised for the end user.

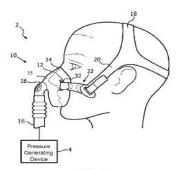


FIG. 1

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

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: INSTALLATION ENGINE AND PACKAGE FORMAT FOR PARALLELIZABLE RELIABLE **INSTALLATIONS**

(51) International classification :G06F9/44,G06F21/62,G06F15/16 (71) Name of Applicant :

(31) Priority Document No :13/350810 :15/01/2012 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application

:PCT/US2013/020519

:07/01/2013 Filing Date

(87) International Publication :WO 2013/106276 No

(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)HAUBOLD Jeremy 2)PACCIARINI Claudio

(57) Abstract:

In one embodiment an application updater may cleanly update a computer application without causing a fault or a reboot of either the system or the process. A processor may execute a predecessor version of a computer application. The processor may install a successor version of the computer application on a user account level. The processor may execute the successor version of the computer application.

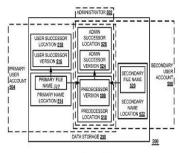


Figure 5

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

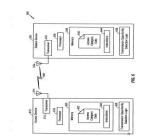
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: COMMUNICATION USING DISTRIBUTED CHANNEL ACCESS PARAMETERS

(51) International classification	:H04W74/08	(71)Name of Applicant:
(31) Priority Document No	:61/584698	1)QUALCOMM INCORPORATED
(32) Priority Date	:09/01/2012	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/US2013/020853	(72)Name of Inventor:
Filing Date	:09/01/2013	1)WENTINK Maarten Menzo
(87) International Publication No	:WO 2013/106445	2)MERLIN Simone
(61) Patent of Addition to Application	:NA	3)ASTERJADHI Alfred
Number	:NA	4)QUAN Zhi
Filing Date	.11/1	5)ABRAHAM Santosh Paul
(62) Divisional to Application Number	:NA	6)JAFARIAN Amin
Filing Date	:NA	

(57) Abstract:

Device (e.g. an access point AP) including a processor and a memory accessible by the processor. The memory includes access category data specifying one or more access categories ACs. The one or more access categories ACs include a sensor access category AC SE specifying distributed channel access parameters (e.g. CWMin CWMax AIFSN TXOP) to be used by one or more station devices (STAs) to wirelessly communicate sensor data via a network. The memory further includes instructions executable by the processor to send at least a portion of the access category data to a station device (STA) to enable the station device to communicate sensor data. The network may be a IEEE 802.11ah compliant network implementing Enhanced Distributed Channel Access EDCA.



No. of Pages: 59 No. of Claims: 63

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: FINDING WIRELESS NETWORK ACCESS POINTS

(51) International classification :H04W48/14,H04W4/02,H04W36/00 (31) Priority Document No :13/350215 (32) Priority Date :13/01/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/020677

Filing Date :08/01/2013

(87) International Publication No :WO 2013/106330

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

(71)Name of Applicant:

1)APPLE INC.

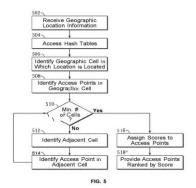
Address of Applicant: 1 Infinite Loop M/S 169 3IPL

Cupertino California 95014 U.S.A.

(72)Name of Inventor:1)PYLAPPAN Seejo K.2)JOUAUX Francois M.

(57) Abstract:

Methods computer readable media and computer systems for finding wireless network access points. Geographic location information describing a geographic location of a computer system within a geographic area is received. From a storage medium that stores information defining multiple geographic cells and for each cell information defining multiple wireless network access points a particular geographic cell within which the geographic location described by the geographic location information is located is identified. Access points within the particular geographic cell are identified and provided in response to receiving the geographic location information.



No. of Pages: 31 No. of Claims: 44

:NA

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

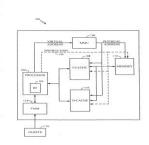
(54) Title of the invention: NON ALLOCATING MEMORY ACCESS WITH PHYSICAL ADDRESS

(51) International classification :G06F12/10,G06F9/30,G06F12/08 (71) Name of Applicant : :61/584964 1)QUALCOMM Incorporated (31) Priority Document No (32) Priority Date :10/01/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego CA 92121 U.S.A. :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2013/021050 1)PLONDKE Erich James No :10/01/2013 Filing Date 2) INGLE Ajay Anant (87) International Publication 3)CODRESCU Lucian :WO 2013/106583 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Systems and methods for performing non allocating memory access instructions with physical address. A system includes a processor one or more levels of caches a memory a translation look aside buffer (TLB) and a memory access instruction specifying a memory access by the processor and an associated physical address. Execution logic is configured to bypass the TLB for the memory access instruction and perform the memory access with the physical address while avoiding allocation of one or more intermediate levels of caches where a miss may be encountered.



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

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

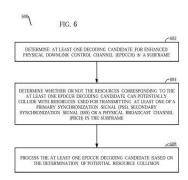
(43) Publication Date: 12/02/2016

(54) Title of the invention : RESOURCE ALLOCATION FOR ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (EPDCCH)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:H04L5/00 :61/596036 :07/02/2012 :U.S.A. :PCT/US2013/024808 :06/02/2013 :WO 2013/119588 :NA :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 Wanshi 2)GAAL Peter 3)XU Hao
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(57) Abstract:

Certain aspects of the present disclosure provide techniques for systems that support DMRS based transmissions that may allow such systems to at least partially utilize resources in the center six RBs of subframes 0 and 5 for DMRS based transmissions (e.g. EPDCCH) while avoiding collision with Primary Synchronization Signal (PSS) Secondary Synchronization Signal (SSS) or Physical Broadcast Channel (PBCH).



No. of Pages: 42 No. of Claims: 53

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

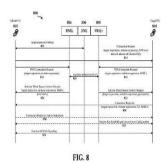
(43) Publication Date: 12/02/2016

(54) Title of the invention : PROVIDING NETWORK ASSISTED PEER TO PEER CONNECTION ESTABLISHMENT BETWEEN LTE DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:30/01/2013 :WO 2013/116344 :NA :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)VANDERVEEN Michaela 2)TSIRTSIS Georgios 3)WU Zhibin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus being a target UE an initiator UE or an MME. In one configuration the apparatus is an initiator UE. The initiator UE determines (812) a network (IP) address of a target UE based on a target expression (i.e. set of characters that a UE broadcasts to help other UEs to discover it) sends (814) a connection request (including target and initiator expressions and network address or MME address of initiator UE) sends (818) information associated with the target UE to an MME serving the initiator UE (e.g. PDN connection request comprising target UE and initiator UE expressions) and receives (824) from the MME serving the initiator UE one or more parameters (e.g. one or more security keys and other configurations values) for communicating with the target UE (e.g. in an activate direct bearer context request message comprising a target and initiator UE expressions the MME of the target UE and the security key or parameters usually a result of the negotiation between the MME of the initiator UE and the MME of the target UE). Further the initiator UE communicates (834) with the target UE based on the one or more parameters (e.g. via a P2P or D2D communication link).



No. of Pages: 85 No. of Claims: 46

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING THE POWER OF A SIGNAL ELECTROMAGNETICALLY COUPLED FROM A PLC MEDIUM TO A DSL MEDIUM

(51) International classification (31) Priority Document No	:H04B3/32,H04B3/54,H04L1/00 :NA	1)ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT
(32) Priority Date	:NA	INC.
(33) Name of priority country(86) International Application No.	:NA o:PCT/US2011/065279	Address of Applicant :333 Twin Dolphin Drive Redwood City CA 94065 U.S.A.
Filing Date	:15/12/2011	(72)Name of Inventor:
(87) International Publication No.	:WO 2013/089757	1)PARNELL Robert S.
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Reducing a power of a signal electromagnetically coupled from a PLC medium to a digital subscriber line (DSL) medium. The method involves transmitting a data signal over the PLC medium at a first average power level from one of a plurality of PLC transmitters coupled to the PLC medium then measuring first noise associated with a first signal received at a DSL receiver coupled to the DSL communication medium caused at least in part by the data signal transmission over the PLC medium at the first average power level. Next a data signal is transmitted over the PLC medium at a second average power level from the one PLC transmitter the second average power level different than the first average power level followed by measuring second noise associated with a second signal received at the DSL receiver coupled to the DSL communication medium caused at least in part by the data signal transmission over the PLC medium at the second average power level. A transmit power spectral density (PSD) for the data signal transmitted by the one PLC transmitter over the PLC medium reduces the power of the signal electromagnetically coupled from the PLC medium to the DSL medium caused by the data signal transmission from the one PLC transmitter over the PLC medium.

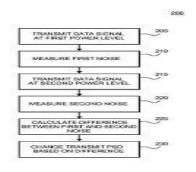


FIG. 2

No. of Pages: 35 No. of Claims: 31

(21) Application No.5160/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: TREATMENT OF INFLAMMATION

(51) International classification	:C07C53/00	(71)Name of Applicant:
(31) Priority Document No	:61/569545	1)VASCULAR BIOGENICS LTD.
(32) Priority Date	:12/12/2011	Address of Applicant :6 Jonathan Netanyahu Street 60376 OR
(33) Name of priority country	:U.S.A.	Yehuda Israel
(86) International Application No	:PCT/IB2012/002930	(72)Name of Inventor:
Filing Date	:11/12/2012	1)MENDEL Itzhak
(87) International Publication No	:WO 2013/088245	2)FEIGE Erez
(61) Patent of Addition to Application	:NA	3)YACOV Niva
Number	:NA	4)PROPHETA MEIRAN Oshrat
Filing Date	.11/1	5)BREITBART Eyal
(62) Divisional to Application Number	:NA	6)SALEM Yaniv
Filing Date	:NA	

(57) Abstract:

Disclosed herein are methods of treating an inflammatory disease or disorder as well as pharmaceutical compositions and kits useful for treating an inflammatory disease or disorder. The methods compositions and kits utilize at least one agent the at least one agent being capable of exhibiting at least two activities selected from the group consisting of: a) inhibiting CD 14 activity and/or a signaling pathway associated with CD 14 activity; b) inhibiting TLR2 activity and/or a signaling pathway associated with TLR2 activity; and c) inhibiting monocyte chemotaxis.

No. of Pages: 236 No. of Claims: 16

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

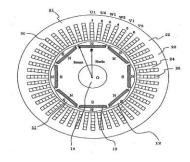
(54) Title of the invention: PERMANENT MAGNET MOTOR

(51) International classification	:H02K1/27	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Mitsubishi Electric Corporation
(32) Priority Date	:NA	Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:NA	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2011/079948	(72)Name of Inventor:
Filing Date	:23/12/2011	1)NAKANO Masatsugu
(87) International Publication No	:WO 2013/094075	2)ASAO Yoshihito
(61) Patent of Addition to Application	:NA	3)AKUTSU Satoru
Number	:NA	4)TAKIGUCHI Ryuichi
Filing Date	.1171	5)TAKIZAWA Yuji
(62) Divisional to Application Number	:NA	6)HIROTANI Yu
Filing Date	:NA	

(57) Abstract:

The objective of the present invention is to obtain a permanent magnet motor that reduces an electromagnetic excitation force of a low spatial order and reduces the impact of harmonics of a magnetomotive force of a rotor so as to reduce torque ripples. For a permanent magnet motor (10) configured such that a current is supplied to one of armature windings (30 1) from a first inverter and a current is supplied to the other armature winding (30 2) from a second inverter when the number of poles of a rotor (11) is denoted as M and the number of slots (25) of a stator core (22) is denoted as Q M and Q satisfy a relationship expressed by M < Q and the greatest common denominator of M and Q is equal to or greater than three. Further the rotor (11) is provided with a rotor core (12) on the side closer to a stator (21) than to the intermediate diameter between the maximum outer diameter and the minimum inner diameter of permanent magnets (13) and the phase difference between the currents supplied from the first inverter and the second inverter is controlled so as to take a value between 20° and 40° in terms of electric angle.





No. of Pages: 77 No. of Claims: 20

(22) Date of filing of Application :04/07/2014

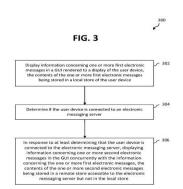
(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR BLENDED PRESENTATION OF LOCALLY AND REMOTELY STORED ELECTRONIC MESSAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G06Q50/32 :13/352999 :18/01/2012 :U.S.A. :PCT/US2013/021090 :11/01/2013 :WO 2013/109464 :NA :NA :NA	(71)Name of Applicant: 1)MICROSOFT CORPORATION Address of Applicant: One Microsoft Way Redmond WA 98052 6399 U.S.A. (72)Name of Inventor: 1)MAHOOD Justin B. 2)NOVITSKEY Robert R. 3)ALAGESAN Shri Vidhya 4)GREGG Ryan E. 5)KRISHNASWAMY Somanath 6)WIEDEMANN Bruce D. 7)KUMAR Saurabh 8)MEISELS Joshua A.
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(57) Abstract:

An electronic messaging client caches copies of a subset of electronic messages available in a remote store in a local store of a user device. When the user device is in an online state the client provides for the blended presentation of electronic messages such that a user can concurrently view information about the electronic messages that have been cached in the local store as well as information about electronic messages that are stored only in the remote store. The client also presents a blended state associated with a container of electronic messages to a user of a user device and enables a user to execute a search of cached electronic messages stored in a local store as well as of electronic messages stored in the remote store.



No. of Pages: 48 No. of Claims: 10

(22) Date of filing of Application :04/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : SOLID AGROFORMULATIONS PREPARED FROM A MELT OF PESTICIDE AND POLYALKOXYLATE OPTIONALLY CONTAINING LIQUID ADJUVANT COMPLEXED WITH POLYCARBOXYLATE

(51) International :A01N25/10,A01N43/653,A01N47/24

(31) Priority Document No :61/570849 (32) Priority Date :15/12/2011 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/EP2012/073986

Filing Date :29/11/2012

(87) International

Publication No :WO 2013/087417

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:
1)TARANTA Claude
2)BORK Thomas
3)SCHREIECK Jochen
4)MLLER Helmut
5)RIEDIGER Nadine

6)KLEIN Clark D. 7)WILLIS Rebecca 8)SIKULJAK Tatjana 9)MERTOGLU Murat

(57) Abstract:

The present invention relates to a method for a preparation of a solid composition comprising the steps of a) dissolving a premix in a premix solvent or melting a premix wherein the premix contains a pesticide and a nonionic amphiphilic polyalkoxylate b) solidifying the premix by removing the premix solvent or by cooling and c) contacting the premix with at least one auxiliary. The invention further relates to a solid composition obtainable by said method; to a method for the preparation of an aqueous tank mix in which a pesticide is present as suspended particles having a particle size below 1 0 µm comprising the step of mixing water and a solid composition obtainable by the said method; and to a method for controlling phytopathogenic fungi and/or undesired plant growth and/or undesired attack by insects or mites and/or for regulating the growth of plants where a solid composition obtainable by said method is allowed to act on the particular pests their habitat or the plants to be protected from the particular pest the soil and/or on undesired plants and/or the useful plants and/or their habitat.

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

(21) Application No.5155/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : FORMULATIONS CONTAINING AMINO /POLYAMINOCARBOXYLATES AND ORGANIC PHOSPHATES PHOSPHONATES OR PHOSPHITES AND USE THEREOF IN AGRICULTURE

(51) International :A01N57/20,A01N25/22,A01P13/00

classification

(31) Priority Document No :11194743.8 (32) Priority Date :21/12/2011

(33) Name of priority country:EPO

(86) International Application No :PCT/EP2012/074588

Filing Date :06/12/2012

(87) International Publication :WO 2013/092225

No

(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)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)HFFER Stephan

2)GARCIA MARCOS Alejandra 3)KLINGELHOEFER Paul 4)SCHNABEL Gerhard

(57) Abstract:

The invention relates to the use of formulations containing (A) one or more aminocarboxylates selected from methylglycine diacetate (MGDA) and alkali metal salts thereof glutamic acid diacetate (GLDA) and alkali metal salts thereof iminodisuccinate hydroxyethyl iminodiacetate and ethylene iminodisuccinate and the respective alkali metal salts (B) at least one organic compound selected from organic phosphates organic phosphonates and organic phospites and salts of the aforementioned organic compounds and (C) optionally water for applying to plants or land.

No. of Pages: 19 No. of Claims: 9

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

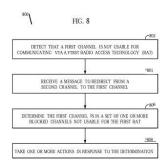
(43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS AND APPARATUS FOR MANAGING MOBILITY IN A MULTI RADIO 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 	:H04W36/24 :61/594318 :02/02/2012 :U.S.A. :PCT/US2013/023754 :30/01/2013 :WO 2013/116275 :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)RAMACHANDRAN Shyamal 2)KLINGENBRUNN Thomas 3)GHOLMIEH Aziz 4)MAHAJAN Amit
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(57) Abstract:

Methods apparatus and computer program products for managing mobility in a multi radio device are provided. One example method generally includes detecting that a first channel is not usable for communicating via a first radio access technology (RAT); receiving a message to redirect from a second channel to the first channel; determining the first channel is in a set of one or more blocked channels not usable for the first RAT; and in response to the determination taking one or more actions. Another example method generally includes detecting that a first channel is not usable for communicating via a first RAT and providing an indication to a network that a user equipment (UE) no longer supports the first channel.



No. of Pages: 38 No. of Claims: 64

(21) Application No.4947/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: EXTERNAL PATCHES CONTAINING ETOFENAMATE

(51) International classification :A61K9/70,A61K31/245

(31) Priority Document No

(32) Priority Date:30/06/2014(33) Name of priority country:Argentina

(86) International Application No :PCT/JP2004/19143 Filing Date :15/12/2004

(87) International Publication No :WO/2006/064576 (61) Patent of Addition to Application

Number
Filing Date

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

(62) Divisional to Application Number :2565/CHENP/2007

Filed on :15/12/2004

:A61K9/70,A61K31/245 (71)Name of Applicant :

1)TEIKOKU SEIYAKU CO., LTD

Address of Applicant :567, Sanbonmatsu, Higashikagawa-shi,

Kagawa 769-2695, Japan. Japan **2)DROSSAPHARM AG**

(72)Name of Inventor:

1)ISHIMA, Tomohiro 2)YAMASAKI, Hiroyuki

3)YAMAJI, Masahiro

(57) Abstract:

This invention related to an external patch in which an adhesive layer containing an adhesive base and a drug is laminated with a backing, wherein the adhesive base contains 10-25% by weight of styrene-isoprene-styrene block copolymer, 20-40% by weight of an alicyclic saturated hydrocarbon resin, 30-40% by weight of liquid paraffin, 0.5-5% by weight of crotamiton and 0.5-15% by weight of isopropyl myristate, and the drug is 1-10% by weight of etofenamate, and wherein ratio of crotamiton:isopropyl myristate is 1:1 to 1:3.

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

(21) Application No.5063/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS FOR PREPARING RACEMIC AMINO ACIDS

(51) International classification	:C07C227/08	(71)Name of Applicant:
(31) Priority Document No	:11194363.5	1)BASF SE
(32) Priority Date	:19/12/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/075180	1)BOU CHEDID Roland
Filing Date	:12/12/2012	2)OFTRING Alfred
(87) International Publication No	:WO 2013/092329	3)STAFFEL Wolfgang
(61) Patent of Addition to Application	:NA	4)BIEL Markus Christian
Number		5)MELDER Johann Peter
Filing Date	:NA	6)GRNANGER Christian
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for preparing racemic a amino acids or glycine characterized in that the corresponding a hydroxycarboxylic acid selected from hydroxyacetic acid lactic acid maleic acid a hydroxyglutamic acid isocitric acid tartronic acid and tartaric acid or at least one salt of the corresponding a hydroxycarboxylic acid is reacted with at least one nitrogen compound (c) in the presence of at least one heterogeneous catalyst containing at least one transition metal and in the presence of hydrogen nitrogen compound (c) being selected from primary and secondary amines and ammonia.

No. of Pages: 19 No. of Claims: 15

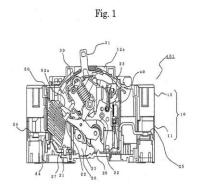
(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: CIRCUIT BREAKER

(51) International classification	:H01H73/18,H01H9/44	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Mitsubishi Electric Corporation
(32) Priority Date	:NA	Address of Applicant :7 3Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:NA	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2012/000261	(72)Name of Inventor:
Filing Date	:18/01/2012	1)MIYOSHI Nobuo
(87) International Publication No	:WO 2013/108291	2)FUSHIMI Masahiro
(61) Patent of Addition to Application	:NA	3)KOHI Yuta
Number	:NA	4)SHIRAFUJI Shoichi
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In order to provide a circuit breaker such that a permanent magnet for driving an arc at the time of cutoff is not exposed to the high heat of the arc the present invention is provided with: a base (11); power source side terminals (24) that are arrayed leaving spaces therebetween on the base (11); affixed terminals (27) connected to the power source side terminals (24) and having affixed contacts (21); mobile terminals (23) having mobile contacts (22) that contact and separate from the affixed contacts (21); an arc extinguishing device (50) that extinguishes the arc arising between the affixed contacts (21) and the mobile contacts (22); and a permanent magnet (54) provided on the power source side terminal (24) side of the arc extinguishing device (50).



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

(21) Application No.5164/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: STIMULATION METHOD

(51) International :E21B28/00,E21B43/00,E21B43/25 classification

:NA

(31) Priority Document No

:11195000.2 (32) Priority Date :21/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/076282

:20/12/2012 Filing Date

(87) International Publication

:WO 2013/092798

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

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

Filing Date

(71)Name of Applicant: 1)WELLTEC A/S

Address of Applicant : Gydevang 25 DK 3450 Aller d

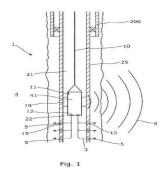
Denmark

(72) Name of Inventor:

1)HALLUNDB†K J rgen

(57) Abstract:

The present invention relates to a stimulation method comprising the steps of arranging a fluid activated gun in a well through a well head and/or a blowout preventer dividing the well into a first and a second part the first part being closer to the well head and/or blowout preventer than the second part pressurising the first part of the well with a hot fluid the hot fluid having a temperature which is higher than the temperature of the formation at a downhole point of injection activating the fluid activated gun thereby converting energy from the pressurised hot fluid into mechanical waves directing said mechanical waves into the formation and injecting the hot fluid into the formation simultaneous to activation of the fluid activated gun by means of the hot fluid. Furthermore the present invention relates to a stimulation system for stimulation of oil production in an oil field.



No. of Pages: 24 No. of Claims: 21

(21) Application No.5165/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:07/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: STIMULATION METHOD

(51) International :E21B28/00,E21B43/00,E21B43/25 classification

(31) Priority Document No :11194998.8

(32) Priority Date :21/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/076287

:20/12/2012 Filing Date

(87) International Publication :WO 2013/092803

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA 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 stimulation system for stimulation of oil production in an oil field. The stimulation system comprises a plurality wells wherein a plurality of activation devices are arranged in the wells and wherein the activation devices are activated with a frequency of once within a period of 1 365 days and with an energy discharge of at least 0.1 kilograms TNT equivalence per activation. Furthermore the invention relates to a stimulation method.

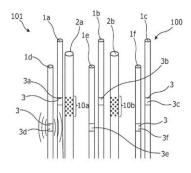


Fig. 2

No. of Pages: 31 No. of Claims: 26

(22) Date of filing of Application :07/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: DOWNHOLE MAPPING SYSTEM

(51) International classification: E21B47/09,G01B7/02,E21B47/00 (71)Name of Applicant:

:20/12/2012

(31) Priority Document No :11195021.8 (32) Priority Date :21/12/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/076347 No

Filing Date

(87) International Publication :WO 2013/092836

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

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

Filing Date (57) Abstract:

1)WELLTEC A/S

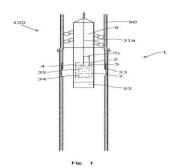
Address of Applicant : Gydevang 25 DK 3450 Aller d

Denmark

(72) Name of Inventor:

1)HALLUNDB†K J rgen

A downhole mapping system (100) for identifying completion components (33) having an inner surface (74) in a casing in a completion comprising: a magnetic sensor tool (1) having a longitudinal tool axis and comprising: a detecting unit (2) comprising: a first magnet (4) for generating a magnetic field and a first sensor (5) arranged in a first plane (7) and at a first distance (di) from the first magnet for detecting changes in the magnetic field the sensor (5) detecting changes in the magnitude and/or direction of the magnetic field producing measured data of a profile of the casing wherein the downhole mapping system further comprises: a reference database (34) comprising magnetic reference data of completion components and a processor (35) comparing a set of the measured data with reference data from the database (34) for identifying a substantially matching set of data representing a completion component stored in the reference database wherein the system further comprises a component scanning unit (53) for scanning the inner surface for identifying a component and storing the data representing the component in the database.



No. of Pages: 45 No. of Claims: 18

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ANALYSIS DEVICE AND SIMULATION METHOD

:NA

:NA

:G06F17/50,G06F19/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SUMITOMO HEAVY INDUSTRIES LTD. :2011283801 (32) Priority Date Address of Applicant: 1 1 Osaki 2 chome Shinagawa ku :26/12/2011 (33) Name of priority country :Japan Tokyo 1416025 Japan (86) International Application No (72) Name of Inventor: :PCT/JP2012/005070 Filing Date :09/08/2012 1)OHNISHI Yoshitaka (87) International Publication No :WO 2013/099052 (61) Patent of Addition to Application :NA Number :NA

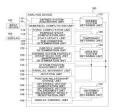
(57) Abstract:

Filing Date

Filing Date

(62) Divisional to Application Number

An analysis device (100) is provided with a defined system acquisition unit (110) a numerical operation unit (114) a particle group identification unit (128) a system position adjustment unit (134) and a position relationship change unit (140). Said defined system acquisition unit (110) acquires a system that contains multiple particles defined in a virtual space said system being acquired as a defined system. Said numerical operation unit (114) numerically calculates a governing formula that governs the motion of each of said particles and on the basis of the calculation result updates the position of each particle. From among the multiple particles contained in the defined system said particle group identification unit (128) identifies a particle group for which a relative position relationship is effectively preserved before and after position updating. When the system for which the position updating result is obtained is referred to as the updated system said system position adjustment unit (134) adjusts a relative position between the defined system and the updated system such that the identified particle group coincides with a particle group contained in the updated system that have been subjected to relative position adjustment said position relationship change unit (140) changes a relative position relationship between a particle contained in the defined system and a particle contained in the updated system said particle corresponding to said particle contained in the defined system.



No. of Pages: 39 No. of Claims: 6

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

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR LINK SPECIFIC PARAMETERS BASED ON EMISSION CHARACTERISTICS OF DEVICE

(51) International :H04W16/14,H04W72/04,H04W84/20

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country :NA

(86) International

Application No :PCT/IB2011/055794

Filing Date :19/12/2011

(87) International Publication No :WO 2013/093551

(61) Patent of Addition to
Application Number
:NA

Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(71)Name of Applicant:

1)NOKIA CORPORATION

Address of Applicant : Keilalahdentie 4 FI 02150 Espoo

Finland

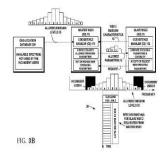
(72)Name of Inventor: 1)RUUSKA Pivi

2)JUNELL Jari

3)PIIPPONEN Antti

(57) Abstract:

Method apparatus and computer program product embodiments are disclosed for efficient radio spectrum use for example in TV white spaces and radio coexistence wherein link parameters are selected based on the available spectrum and radio device characteristics and capabilities. An example embodiment includes a method of receiving in a first white space device information relating to allowed emission levels (25) in a white space radio system; receiving by the first white space device information relating to emission characteristics (10) of a second white space device or at least one slave white space device received from the second white space device; computing by the first white space device one or more allowed operating parameters (12) for the second white space device or the at least one slave white space device based on the received information relating to allowed emission levels (25) and the received emission characteristics (10); and transmitting at least one of the allowed operating parameters (12) to the second white space device.



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

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC NAMING CONVENTION OF AUDIO FILES BASED ON USER PREFERENCE

(51) International classification (31) Priority Document No	:G06F :NA	(71)Name of Applicant : 1)MR. RAMALINGESWARA RAO K V
(32) Priority Date	:NA	Address of Applicant :G-4, SRI NANDI RESIDENCY, 2ND
(33) Name of priority country	:NA	MAIN ROAD, KODICHIKKANAHALLI, BOMMANAHALLI,
(86) International Application No	:NA	BANGALORE - 560 076 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. RAMALINGESWARA RAO K V
(61) Patent of Addition to Application Number	:NA	2)PROF. ASHOKA M
Filing Date	:NA	3)PROF. BHASKARA RAO N
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The various embodiments of the present invention provide a method and system for automatically naming a plurality of audio files generated based on a user input. The method comprising steps of: providing an interface on a user device; receiving a user-specified file naming convention; storing the file naming convention; providing a text input in a selected input language script; generating a phonetic output in an accent of the selected language script; creating an audio file corresponding the text input based on the user-specified file naming convention; compiling the audio of the text; and playing the complied audio file on the user device.

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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR CONDITIN MONITORING SYSTEM FOR SINGLE POINT CUTTING TOOL USING VIBRATION ANALYSIS

(51) International classification	:G01H1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. V. SUGUMARAN
(32) Priority Date	:NA	Address of Applicant :NO:1, SAI SUBHIKSHAM
(33) Name of priority country	:NA	APARTMENT, JYOTHI NAGAR, MAMBAKKAM, CHENNAI
(86) International Application No	:NA	- 600 127 Tamil Nadu India
Filing Date	:NA	2)MR. JIBIN SEBASTIAN
(87) International Publication No	: NA	3)DR. M., ELANGOVAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. V. SUGUMARAN
(62) Divisional to Application Number	:NA	2)MR. JIBIN SEBASTIAN
Filing Date	:NA	3)DR. M. ELANGOVAN

(57) Abstract:

ABSTRACT This system proposes a method to continuously monitor the condition of single point cutting tool. As condition of tool tip is a contributing factor for quality and utilization of raw materials in lathe machining process, it is necessary for the operator to be informed about real time condition of the machining set up. The current system consists of an accelerometer and an embedded system with a display. The accelerometer measures and vibrations arising from lathe machining process. The system can distinguish four different categories - Tool tip in good condition, Tool tip slightly blunt, Tool tip heavily blunt and lathe machine in free running mode. The system uses an 8-bit microcontroller to sample data acquired from accelerometer and either transfer the data points to computer via communication interface(for analysis) or determine condition of cutting tool based on acquired vibration signals. The system uses ADC (Analog to Digital converter) interfaced with analog input port of microcontroller to accurately acquire and measure the vibration signal. After further processing the system indicates the result on an LCD display fitted on the dashboard.

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

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DATA DEDUPLICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F11/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Address of Applicant:11445 Compaq Center Drive West, Houston, Texas 77070, United States of America U.S.A. (72)Name of Inventor: 1)SANDYA SRIVILLIPUTTUR MANNARSWAMY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Some examples described herein relate to data deduplication. Redundancy information related to data may be recorded based upon a pre-defined rule. The redundancy information, which may be associated with the data, may be used during storage of the data in a storage system to determine that the data is redundant data of a previous data. An action related to the data may be performed. [Figure 1]

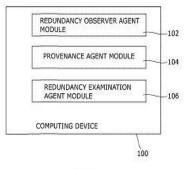


Fig. 1

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: PI3K INHIBITORS FOR TREATING COUGH

(51) International :A61K31/501,A61K31/5377,A61P11/14 classification

(31) Priority Document :61/595299

(32) Priority Date :06/02/2012 (33) Name of priority :U.S.A.

country

(19) INDIA

(86) International :PCT/EP2013/052113

Application No :04/02/2013 Filing Date

(87) International :WO 2013/117504 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:

(21) Application No.4939/CHENP/2014 A

1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED

Address of Applicant :980 Great West Road Brentford

Middlesex TW8 9GS U.K. (72) Name of Inventor: 1)MERLO PICH Emilio

(57) Abstract:

The present invention is directed to compounds or pharmaceutically acceptable salts thereof for use in the treatment of cough in particular idiopathic chronic cough cough variant asthma cough associated with thoracic tumour or lung cancer viral and post viral cough upper airways cough syndrome (UACS) or post nasal drip cough and cough associated with disorders such as gastro oesophageal reflux disease (both acid and non acid reflux) chronic bronchitis chronic obstructive pulmonary disease (COPD) interstitial lung disease (such as idiopathic pulmonary fibrosis (IPF)) congestive heart disease sarcoidosis and infection (such as whooping cough).

No. of Pages: 39 No. of Claims: 6

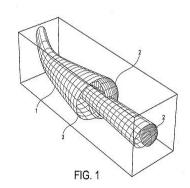
(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: WELLBORE POSITIONING SYSTEM AND METHOD

(51) International classification	:E21B47/022	(71)Name of Applicant :
(31) Priority Document No	:12250013.5	1)BP EXPLORATION OPERATING COMPANY
(32) Priority Date	:27/01/2012	LIMITED
(33) Name of priority country	:EPO	Address of Applicant :Chertsey Road Sunbury on Thames
(86) International Application No	:PCT/EP2013/050863	Middlesex TW16 7BP U.K.
Filing Date	:17/01/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/110542	1)SAWARYN Steven James
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer implemented method and a system are provided for determining the relative positions of a wellbore and an object the wellbore being represented by a first ellipse and the object being represented by a second ellipse. The first ellipse represents the positional uncertainty of the wellbore and the second ellipse represents the positional uncertainty of the object. The method comprises the steps of: receiving input data relating to a measured or estimated position of the wellbore and the object the position of the wellbore having a first set of parameters defining the first ellipse and the position of the object having a second set of parameters defining the second ellipse; calculating an expansion factor representing an amount by which one or both of the first ellipse and the second ellipse can be expanded with respect to one or both of respective first and second sets of elliptical parameters so that the first and second ellipses osculate wherein calculating the expansion factor involves determining and solving a quartic equation that is based on the geometry of the ellipses; and determining based on the calculated expansion factor position data indicative of the relative positions of the wellbore and the object.



No. of Pages: 46 No. of Claims: 16

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

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

(51) International classification	:C07C213/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PUNNA, SATYANARAYANA
Filing Date	:NA	

(57) Abstract:

ABSTRACT TITLE: PROCESS FOR THE PREPARATION OF ATOMOXETINE INTERMEDIATE The present invention relates to an improved process for the preparation of N,N-dimethyl-3-(6>-tolyloxy)-3-phenylpropylamine oxalate (Atomoxetine Intermediate).

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

(21) Application No.3334/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A NOVEL PROCESS FOR THE PREPARATION MACITENTAN

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PENDEM, KRISHNAIAH
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel process for the preparation of Macitentan. The present invention further relates to a novel intermediates, which are Used in the preparation of Macitentan.

No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: UNWINDING ASSISTING DEVICE AND AUTOMATIC WINDER

(51) Intermediated algorification	.D.651157/00	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2013-	1)Murata Machinery, Ltd.
(31) Thomas Bocament 110	151751	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:22/07/2013	Minami-ku, Kyoto-shi, Kyoto 601-8326 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yoshito UMEHARA
Filing Date	:NA	2)Noriyoshi TAKESHIMA
(87) 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 UNWINDING ASSISTING DEVICE AND AUTOMATIC WINDER An unwinding assisting device regulates a balloon that is a portion of a yarn being unwound from a yarn supplying bobbin (21) that sways owing to the centrifugal force. The unwinding assisting device is cylindrical and includes a regulating member (72). The regulating member (72) includes a constricted portion (72b) and an open portion (72a) that has an inner diameter larger than the constricted portion (72b). The open portion (72a) is more proximally positioned on a first side than the constricted portion (72b) (for example, below the constricted portion (72b)), and the position of the open portion (72a) with respect to the constricted portion (72b) is unchanged during unwinding. The inner diameter of at least one end of the open portion (72a) is constant. Most Illustrative Drawing: FIG. 6B

No. of Pages: 51 No. of Claims: 14

(21) Application No.5050/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: MOBILITY DETECTION AND SYSTEM ACQUISITION IN DUAL STANDBY DUAL SUBSCRIBER IDENTITY MODULES (DSDS)

(51) International :H04W88/06,H04W52/02,H04W60/00 classification

(31) Priority Document No :13/355273

(32) Priority Date :20/01/2012
(33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2013/021301

Filing Date :11/01/2013

(87) International Publication No :WO 2013/109476

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

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

(71)Name of Applicant:

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Address of Applicant : Attn: International IP Administration

5775 Morehouse Drive San Diego CA 92121 U.S.A.

(72)Name of Inventor:1)MUTYA Subbarayudu2)NAYAK Shivank

(57) Abstract:

Aspects of the present disclosure relate to wireless communications and techniques for determining a power save duration for an out of service subscription based at least in part on a detected mobility status change of a mobile device. Aspects generally include a mobile device that shares a single radio resource for establishing connections with a first and second subscription using a detected mobility status change to determine a power saving duration for an out of service subscription.

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

(21) Application No.5051/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: MULTI THREADED TEXTURE DECODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:20/01/2013 :WO 2013/110018 :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)ZHOU Bo 2)XIAO Shu 3)DU Junchen 4)JALIL Suhail
(61) Patent of Addition to Application Number Filing Date	:NA	3)DU Junchen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for performing texture decoding in a multi threaded processor includes substantially simultaneously decoding in multiple hardware threads at least two macro blocks of a VP8 frame. Each hardware thread decodes one macro block at a time. The method may also include assigning a macro block from the at least two macro blocks of the VP8 frame to a hardware thread of the multi threaded processor.



No. of Pages: 23 No. of Claims: 19

(22) Date of filing of Application :07/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: CATALYSED SUBSTRATE MONOLITH

(51) International classification:B01D53/94,B01J23/42,B01J33/00 (71)Name of Applicant:

(31) Priority Document No :61/569523 (32) Priority Date :12/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/GB2012/053090

No :11/12/2012 Filing Date

(87) International Publication :WO 2013/088133

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

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

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Address of Applicant :5th Floor 25 Farringdon Street London

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1)BLAKEMAN Philip

2)BROWN Gavin Michael 3) CHATTERJEE Sougato

4) CHIFFEY Andrew Francis

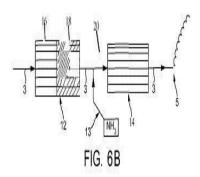
5)GAST Jane

6)PHILLIPS Paul Richard

7) RAJARAM Raj 8)SPREITZER Glen 9)WALKER Andrew

(57) Abstract:

A catalysed substrate monolith (12) for use in treating exhaust gas emitted from a lean burn internal combustion engine which catalysed substrate monolith (12) comprising a first washcoat coating (16) and a second washcoat (coating 18) wherein the first washcoat coating comprises a catalyst composition comprising at least one platinum group metal (PGM) and at least one support material for the at least one PGM wherein at least one PGM in the first washcoat coating is liable to volatilise when the first washcoat coating is exposed to relatively extreme conditions including relatively high temperatures wherein the second washcoat coating comprises at least one metal oxide for trapping volatilised PGM and wherein the second washcoat coating is oriented to contact exhaust gas that has contacted the first washcoat coating.



No. of Pages: 41 No. of Claims: 23

(22) Date of filing of Application :04/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : INFORMATION MANAGEMENT DEVICE INFORMATION MANAGEMENT METHOD INFORMATION MANAGEMENT SYSTEM STETHOSCOPE INFORMATION MANAGEMENT PROGRAM MEASUREMENT SYSTEM CONTROL PROGRAM AND RECORDING MEDIUM

(51) International classification	:A61B7/04	(71)Naı
(31) Priority Document No	:2011272783	1)SH.
(32) Priority Date	:13/12/2011	Add
(33) Name of priority country	:Japan	Osaka 5
(86) International Application No	:PCT/JP2012/081959	(72)Naı
Filing Date	:10/12/2012	1)YA
(87) International Publication No	:WO 2013/089072	2)KA
(61) Patent of Addition to Application	:NA	3)IKI
Number		4)YA
Filing Date	:NA	5)KA
(62) Divisional to Application Number	:NA	6)IKI
Filing Date	:NA	
(57) Abatmat		

(71)Name of Applicant:

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Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi

Osaka 5458522 Japan

2)Name of Inventor : 1)YAMANAKA Mikihiro

2)KAWATA Tomohisa

3)IKEDA Yutaka

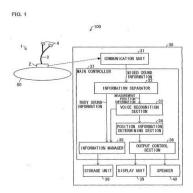
4)YAMANAKA, Mikihiro

S)KAWATA, Tomohisa

6) IKEDA, Yutaka

(57) Abstract:

In order to easily associate living organism sound information and measurement position information with each other a terminal device (30) is provided with an information management unit (35) for associating living organism sound information acquired by a stethoscope (1) and position information indicating a position at which the living organism sound information is acquired with each other. The position information is information inputted to a sound collection device and is inputted as sound to the terminal device (30).



No. of Pages: 202 No. of Claims: 26

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHODS AND APPARATUS FOR POWER CONSUMPTION MANAGEMENT DURING DISCONTINUOUS RECEPTION

(51) International :H04W52/02,H04B7/26,H04W76/04

(31) Priority Document No :61/585207 (32) Priority Date :10/01/2012

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

country

(86) International PCT/US2013/020887 Application No

Filing Date :09/01/2013

(87) International Publication: WO 2013/106471

No
(61) Potent of

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

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

(71)Name of Applicant:

1)APPLE INC.

Address of Applicant: 1 Infinite Loop Cupertino CA 95014

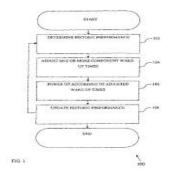
U.S.A

(72) Name of Inventor:

1)JI Zhu 2)SHI Jason 3)SEBINI Johnson 4)DAMJI David 5)SU Li

(57) Abstract:

Methods and apparatus for adaptively adjusting temporai parameters such as e.g. wake up times of digital tracking algorithms (such as timing frequency and power control). In one exemplary embodiment wake up times for tracking loops are based on success/error metrics (e.g. Block Error Rate (BLER) Bit Error Rate (BER) Packet Error Rate (PER) Cyclic Redundancy Checks (CRC) etc.) of one or more previous discontinuous reception (DRX) cycles. In a second embodiment wake up times for tracking loops are based on residual frequency and timing errors etc.



No. of Pages: 34 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5138/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: CAST PRODUCT HAVING ALUMINA BARRIER LAYER AND METHOD FOR MANUFACTURING SAME

(51) International :C23C8/14,B22D13/02,B22D29/00

classification

(31) Priority Document No :2012067827 (32) Priority Date :23/03/2012 (33) Name of priority country :Japan

(86) International Application

:PCT/JP2013/056240 No

:07/03/2013 Filing Date

(87) International Publication :WO 2013/141030

(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)KUBOTA CORPORATION

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(72)Name of Inventor:

1)ENJO Youhei 2)HINENO Makoto

3)URAMARU Shinichi

4)HASHIMOTO Kunihide

(57) Abstract:

23[Problem] To provide a cast product having an alumina barrier layer and method for manufacturing the same. [Solution] This cast product having an alumina barrier layer is a cast product having an alumina barrier layer containing AlO on the surface of the cast product. The cast product contains on a weight percent basis 0.3 0.7% C 0.1 1.5% Si 0.1 3% Mn 15 40% Cr 20 55% Ni 2 4% Al 0.005 0.4% rare earth elements 0.5 5% W and/or 0.1 3% Mo with the remaining 25% or more comprising Fe and unavoidable impurities. 80% or more of the rare earth elements is La.

No. of Pages: 88 No. of Claims: 38

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MULTI RADIO COEXISTENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04W72/02 :61/596695 :08/02/2012 :U.S.A. :PCT/US2013/025228 :07/02/2013 :WO 2013/119875	(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)WANG Jibing 2)LINSKY Joel Benjamin
		_
Filing Date	:07/02/2013	1)WANG Jibing

(57) Abstract:

Frequency bands for Industrial Scientific and Medical (ISM) communications are selected to avoid interference with the cellular communication. In one aspect of the disclosure the frequency bands for Bluetooth/WLAN communication are selected to avoid channels that are within a predetermined distance of a harmonic of a cellular (e.g. wireless wide area network) receive frequency band. That is a frequency band is selected that is at least a predetermined distance from the cellular receive frequency bands.

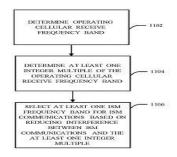


FIG. 11

No. of Pages: 41 No. of Claims: 20

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

:NA

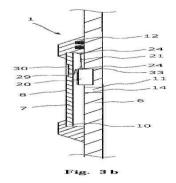
(54) Title of the invention: AN ANNULAR BARRIER WITH AN EXPANSION DETECTION DEVICE

:E21B33/127,E21B47/08 (71)Name of Applicant : (51) International classification :11194957.4 (31) Priority Document No 1)WELLTEC A/S (32) Priority Date :21/12/2011 Address of Applicant :Gydevang 25 DK 3450 Aller d (33) Name of priority country :EPO Denmark (86) International Application No :PCT/EP2012/076285 (72) Name of Inventor: Filing Date :20/12/2012 1)HALLUNDB†K J rgen (87) International Publication No :WO 2013/092801 2)HAZEL Paul (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to an annular barrier (1) to be expanded in an annulus (2) between a well tubular structure and an inside wall (4) of a borehole (5) downhole comprising a tubular part for mounting as part of the well tubular structure said tubular part (6) having a longitudinal axis; an expandable sleeve (7) surrounding the tubular part and having an outer face (8) each end (9 10) of the expandable sleeve being fastened to the tubular part by means of a connection part (12) where one of the connection parts is a sliding connection part sliding in relation to the tubular part when the expandable sleeve is expanded; an annular barrier space (13) between the tubular part and the expandable sleeve; an aperture (11) in the tubular part for letting fluid into the annular barrier space to expand the sleeve; and an activatable shut off valve (14) having an open and a closed position and arranged in the aperture wherein the annular barrier further comprises a detection device (20) for detecting when the expandable sleeve has been expanded into a contact position and wherein the detection device is adapted to provide a signal to activate the shut off valve to bring the shut off valve from the open to the closed position when detecting that the expandable sleeve is in the contact position. Furthermore the invention relates to a downhole system comprising a plurality of annular barriers according to the invention and to a method for expanding an annular barrier.



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

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

(43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD OF SURGICAL TREATMENT OF INTESTINAL OBSTRUCTIONS IN NARROW AND LARGE INTESTINE AND DEVICE FOR ITS IMPLEMENTATION

(51) International classification: A61B1/012, A61B1/005, A61F2/95

:18/10/2012

(31) Priority Document No :2011151657 (32) Priority Date :19/12/2011 (33) Name of priority country: Russia

(86) International Application

:PCT/RU2012/000840

Filing Date

(87) International Publication :WO 2013/095188

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

(62) Divisional to Application :NA Number :NA

Filing Date

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Address of Applicant: Leninsky prospect 4 Moscow 119049

2)GLOBETEK 2000 PTY LTD

(72) Name of Inventor:

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2)SUTURIN Victor Mikhailovich

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5)KHMELEVSKAYA Irina Yurievna

6) CHERNOV KHARAEV Artem Nikolaevich 7)KOROTITSKIY Andrey Viktorovich

(57) Abstract:

This invention relates to medicine more specifically to the surgical treatment of intestinal obstructions using the minimum invasive (endoscopic) method. The invention provides the possibility of the surgical treatment of intestinal obstructions along the entire length of the intestine by means of stenting. The technical result achieved by the first and second subjects of the invention is providing the total surgical treatment of intestinal obstructions in the narrow and large intestine by installing a stent at an intestine obstruction location in a manner allowing further moving the stent during its positioning or removal and avoiding damage to the intestine as a result of the surgical manipulations. Said technical objective is achieved with the first subject of the invention i.e. the method as follows. The method of surgical treatment of intestinal obstructions in narrow and large intestine comprises the movement of the endoscope across the entire length of the narrow and large intestine and delivering the dilatation balloon and stent system to the obstructed section of the intestine. After the dilatation balloon and stent system is delivered to the obstructed section of the intestine the dilatation balloon is installed at the intestine obstruction location and the normal intestine section is restored by inflating the dilatation balloon. Then the volume of the dilatation balloon is reduced the balloon is retracted to the endoscope and the stent is installed at the intestine obstruction location. The movement of the dilatation balloon and stent is controlled using a hydraulic piston mechanism. Said technical objective is achieved with the second subject of the invention i.e. the device as follows. The endoscope for the total surgical treatment of intestinal obstructions in narrow and large intestine comprises a hydraulic endoscope movement drive and an endoscope case installed in the outer tube. Said endoscope case comprises channels for the supply of gas and liquid into the intestine cavity an optical channel a light channel and two manipulation channels. The stent is installed at the distal end of one of said manipulation channels at the central portion of the manipulation shaft which is rigidly mounted on the stent extension piston and has stopping balloons at both ends. The distal end of the other manipulation channel comprises the dilatation balloon mounted on a hollowed manipulation shaft which in turn is rigidly mounted on the dilatation balloon extension piston. The proximal ends of said manipulation channels comprise hydraulic piston mechanisms acting on said dilatation balloon extension piston and on said stent extension piston. Said dilatation balloon and said stent stopping balloons are connected via said gas supply channels to said hydraulic piston mechanisms installed at the proximal ends of said manipulation channels.

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

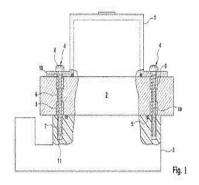
(22) Date of filing of Application :07/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: HYDRAULIC UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (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 2012 200 318.5 :11/01/2012 :Germany :PCT/EP2012/074773 :07/12/2012 :WO 2013/104469 :NA :NA	(71)Name of Applicant: 1)CONTINENTAL TEVES AG & CO. OHG Address of Applicant:Guerickestrae 7 60488 Frankfurt Germany (72)Name of Inventor: 1)HEISE Andreas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a hydraulic unit comprising a motor housing (1) for receiving components of an electric motor; comprising a pump housing (2) for receiving components of a pump which is driven in order to pump a pressure medium from the electric motor said pump housing (2) comprising at least one through bore (8) for fixing the motor housing (1) to the pump housing (2) by means of a screw (4); and comprising a control device (3) which is arranged on the pump housing (2) face opposite the motor housing (1). A retaining region (6) for the screw (4) is provided in the through bore (8) of the pump housing (2) for the purpose of an efficient attachment said retaining region having an inner thread which is cut or tapped into the retaining region (6) by the thread (10) of the screw (4) during the screw in process.



No. of Pages: 13 No. of Claims: 14

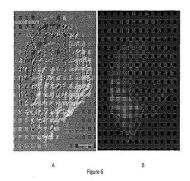
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: SOMATIC OVULE SPECIFIC PROMOTER AND METHODS OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N15/82,A01H5/00,C12N5/10 :61/583646 :06/01/2012 :U.S.A. :PCT/US2012/033255 :12/04/2012	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant:7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. (72)Name of Inventor: 1)CHAMBERLIN Mark A. 2)LAWIT Shai J.
(87) International Publication No	:WO 2013/103367	Z)LAWII Shard.
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Compositions and methods for regulating expression of heterologous nucleotide sequences in a plant are provided. Compositions include nucleotide sequences for several ovule somatic tissue preferred promoters AT CYP86C1 AT PPM AT EXT AT GILT1 and AT TT2. Also provided is a method for expressing a heterologous nucleotide sequence in a plant using a promoter sequence disclosed herein.



No. of Pages: 115 No. of Claims: 29

(22) Date of filing of Application :04/07/2014

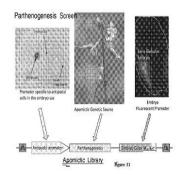
(43) Publication Date: 12/02/2016

(54) Title of the invention : A METHOD TO SCREEN PLANTS FOR GENETIC ELEMENTS INDUCING PARTHENOGENESIS IN 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 	:C12N15/82 :61/583641 :06/01/2012 :U.S.A. :PCT/US2012/033235 :12/04/2012 :WO 2013/103366 :NA	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant:7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. (72)Name of Inventor: 1)CIGAN Andrew Mark 2)LAWIT Shai J.
` '		ZJEAWII Shard.

(57) Abstract:

Compositions and methods for the production of a plant population that lacks sexually derived embryos are provided. Compositions include suppression cassettes encoding polynucleotides and promoters that result in parthenogenesis. Further provided are parthenogenesis genetic elements used to prevent sexual reproduction in a self reproducing plant. Methods include utilizing a maternal embryo defective recessive mutation which is then maintained as a sterile inbred maintenance system allowing the generation of a population that is homozygous for the recessive mutant allele but transgenically complemented. Methods also include utilizing a toxin gene expressed via an egg cell specific promoter creating a dominant embryo less phenotype non transmittable through the female gamete. Resultant hemizygous plants would then be transformed with an egg cell promoter driving the antidote a pollen ablation PTU and a seed color marker for identification of transgenic seed. The generation of a plants 50% female fertile having seed which when grown in the next generation will yield plants with 50% viable transgenic seed and 50% non viable embryo less seed.



No. of Pages: 107 No. of Claims: 17

(22) Date of filing of Application :07/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: EXHAUST SYSTEM FOR A LEAN BURN INTERNAL COMBUSTION ENGINE INCLUDING SCR **CATALYST**

(51) International classification: B01D53/94,B01J23/89,B01J35/00 (71) Name of Applicant:

(31) Priority Document No :61/569537 (32) Priority Date :12/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/GB2012/053081

:11/12/2012

Filing Date

(87) International Publication

:WO 2013/088128

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

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

Filing Date

1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY

Address of Applicant :5th Floor 25 Farringdon Street London

EC4A 4AB U.K.

(72)Name of Inventor:

1)BLAKEMAN Philip 2)BROWN Gavin Michael

3) CHIFFEY Andrew Francis

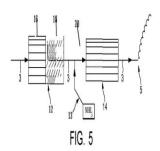
4)GAST Jane

5)PHILLIPS Paul Richard

6)RAJARAM Raj 7)SPREITZER Glen 8)WALKER Andrew

(57) Abstract:

An exhaust system (20) for an internal combustion engine comprises a) a first catalysed substrate monolith (12) comprising a first washcoat coating disposed in a first washcoat zone (16) of the substrate monolith and a second washcoat coating disposed in a second washcoat zone (18) of the substrate monolith wherein the first washcoat coating comprises a catalyst composition comprising at least one platinum group metal (PGM) and at least one support material wherein at least one PGM in the first washcoat coating is liable to volatilise when the first washcoat coating is exposed to relatively extreme conditions including relatively high temperatures wherein the second washcoat coating comprises at least one material supporting copper for trapping volatilised PGM and wherein the second washcoat coating is oriented to contact exhaust gas that has contacted the first washcoat; and b) a second catalysed substrate monolith (14) comprising a catalyst for selectively catalysing the reduction of oxides of nitrogen to dinitrogen with a nitrogenous reductant disposed downstream from the first catalysed substrate monolith.



No. of Pages: 36 No. of Claims: 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5081/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : GAS DIFFUSION ELECTRODE SUBSTRATE FOR FUEL CELL MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL

(31) Priority Document No (32) Priority Date	:H01M4/96,B01J23/42,H01M4/86 :2011283392 :26/12/2011	1)TORAY INDUSTRIES INC. Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country (86) International Application No Filing Date	:Japan :PCT/JP2012/082875 :19/12/2012	Chuo ku Tokyo 1038666 Japan (72)Name of Inventor: 1)UTSUNOMIYA Masamichi 2)KAMAE Toshiya
(87) International Publication No	:WO 2013/099720	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a gas diffusion electrode substrate for a fuel cell having low in plane air permeability and favorable water discharge performance and in which a high power generating performance can be obtained across a wide temperature region from low to high temperatures. [Solution] A gas diffusion electrode substrate for a fuel cell characterized in comprising a microporous part [A] an electrode substrate and a microporous part [B] arranged in the sequence listed the microporous part [A] having an area ratio in the range of 5 to 70% and the microporous part [B] having an area ratio in the range of 80 to 100%.

No. of Pages: 73 No. of Claims: 8

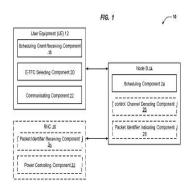
(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SCHEDULING RESOURCES FOR UPLINK MIMO COMMUNICATION

(57) Abstract:

Apparatus and methods of scheduling one or multiple streams for a user equipment (UE) include receiving a single happy bit for the one or multiple streams determining a set of scheduling grants for a UE configured to transmit over the one or multiple streams and transmitting the scheduling grant to the UE.



No. of Pages: 45 No. of Claims: 40

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: UNIVERSAL PLUGGABLE CLOUD DISASTER RECOVERY SYSTEM

(51) International classification	:G06F11/07	(71)Name of Applicant:
(31) Priority Document No	:61/567029	1)DOYENZ INCORPORATED
(32) Priority Date	:05/12/2011	Address of Applicant :15395 SE 30th Place Suite 210
(33) Name of priority country	:U.S.A.	Bellevue WA 98007 U.S.A.
(86) International Application No	:PCT/US2012/068021	(72)Name of Inventor:
Filing Date	:05/12/2012	1)HELFMAN Noam Sid
(87) International Publication No	:WO 2013/086040	2)HINES Ken
(61) Patent of Addition to Application	:NA	3)SPENCER Reid
Number	:NA	4)VAINER Moshe
Filing Date	.IVA	5)NARAYANASWAMY Kalpana
(62) Divisional to Application Number	:NA	6)PARDYAK Przemyslaw
Filing Date	:NA	7)TIWARY Ashutosh

(57) Abstract:

A method implementable in a system coupled to a display device and a network includes generating in a first region of a screen of the display device a user interface portion associated with a first electronic destination address. The user interface portion is configured to receive from a second region of the screen in response to a command by a user of the system a first icon representing a data set. In response to the user interface portion receiving the first icon a copy of the data set or the data set itself is electronically transferred over the network to the first destination address.

No. of Pages: 83 No. of Claims: 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5075/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application:03/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: DIPEPTIDE COMPRISING A NON PROTEOGENIC AMINO ACID

(51) International :C07K1/107,C07K5/06,C07K14/605 classification

(31) Priority Document No :11195998.7

:29/12/2011 (32) Priority Date (33) Name of priority country: EPO

(86) International :PCT/EP2012/076408

Application No :20/12/2012 Filing Date

(87) International Publication :WO 2013/098191

(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)NOVO NORDISK A/S

Address of Applicant :Novo All DK 2880 Bagsvird Denmark

(72) Name of Inventor: 1)CHRISTENSEN Caspar 2)RAUNKJ†R Michael 3)SEVERINSEN Rune 4)NORRILD Jens Christian

(57) Abstract:

Described is a dipeptide comprising a non proteogenic amino acid methods of making such and methods of using said dipeptide in a process of making a polypeptide or protein comprising one or more non proteogenic amino acids.

No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : HERBAL COMPOSITION AND PROCESS FOR PREPARING DETOXIFYING HERBAL EXTRACT FOR SNACKE VENOM

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF MADRAS
(32) Priority Date	:NA	Address of Applicant : CHEPAUK, CHENNAI - 600 005
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)GENCOR PACIFIC ORGANICS INDIA PVT. LTD
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. AROUMOUGAME
(61) Patent of Addition to Application Number	:NA	2)DR. N. MATHIVANAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A herbal composition and process for preparing a detoxifying herbal extract using the stem bark of the woody liana, Dalbergia horrida for treatment of snake bite specifically Cobra (Naja naja) and Russells viper (Daboia russelli) in mammalians. The herbal composition can also be used to treat venomous bites of krait, bugarus caeruleus, Saw scaled viper, Echis carinatus, Monocelled cobra, Naja kaouthia and King cobra, Oohiophagus hannah. An extract {Dalbergia horrida) can be performed utilizing an ethanol solvent. Further, the extract can be performed utilizing a methanol solvent (an alcoholic solvent) separately. The ethanol extraction and methanol extraction of the herb can be performed using a common plant extraction approach (CPEA). The concentrated ethanol and methanol solvents can be pooled together in order to obtain a novel detoxifying herbal extract for treatment of snakebite.

No. of Pages: 26 No. of Claims: 8

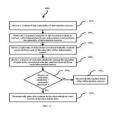
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND SYSTEM TO DISPLAY ARTICLES THAT ARE SEMANTICALLY CONNECTED TO A CURRENTLY BROWSED TOPIC

(51) International classification	:g06f	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore Private
(32) Priority Date	:NA	Limited
(33) Name of priority country	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Sailesh Kumar Sathish
Filing Date	:NA	2)Anish Anil Patankar
(62) Divisional to Application Number	:NA	3)Nirmesh Neema
Filing Date	:NA	4)Swetha Mysore Jagadeehsa

(57) Abstract:

Embodiments herein provide a method and system for organizing content on an electronic device. The method includes extracting a first intent data associated with each content data received from a plurality of information sources. The first intent data is extracted by performing a semantic analysis of received content. Based on a degree of semantic similarity among a plurality of data items associated with the content received from each information source, the method includes dynamically indexing the content received from the plurality of the sources. Further, the method includes extracting a second intent data associated with at least one object browsed by a user on an electronic device associated with the user. Based on a user gesture on an indicia displayed along with the browsed object, the method includes presenting the indexed content in a chronological order on the electronic device of the user. FIG. 4



No. of Pages: 69 No. of Claims: 29

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: VEHICLE DOOR

(51) International classification :E05B65/20,B60J5/00,B60J5/04 (71)Name of Applicant :

(31) Priority Document No :2011287720 (32) Priority Date :28/12/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/083087

Filing Date :20/12/2012 (87) International Publication No: WO 2013/099758

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72)Name of Inventor: 1)OGAWA Masayuki

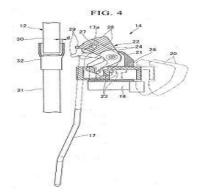
2)HIRANO Eiji

3)KUROKAWA Kiyohito

4)MURAI Ryuichi 5)HAGA Takenobu 6)WATANABE Hakurei

(57) Abstract:

This vehicle door is a vehicle door (10) which opens and closes a door opening (2) of the vehicle body. The vehicle door (10) is provided with: a door body (11) which has a hollow section formed on the inside thereof; door glass (13) which is held at the upper part of the door body (11) so as to be capable of ascending and descending; a sash member (12) which is disposed within the hollow section of the door body (11) and which guides the ascent and descent of the door glass (13); a door outer handle (14) which has a grip section (20) gripped by the operator of the door is provided to the side surface of the door body (11) which is located outside the vehicle and can be operated so that the door handle (14) moves forward and backward; a latch mechanism (16) which is mounted to the door body (11) and which when the door is closed engages with an engagement member located on the vehicle body side; a rod member (17) which connects the door outer handle (14) and the latch mechanism (16) so that the door outer handle (14) and the latch mechanism (16) can be interlocked with each other; and a counterweight (28) which is provided to the door outer handle (14) is disposed on the outside of the sash member (12) in the inside outside direction of the vehicle at a position directly facing the sash member (12) and transmits the inertia force of the counterweight (28) to the rod member (17) as a load in the direction which maintains latching the inertia force acting when an impact load applied from the outside of the vehicle is inputted.



No. of Pages: 30 No. of Claims: 6

(22) Date of filing of Application :04/07/2014

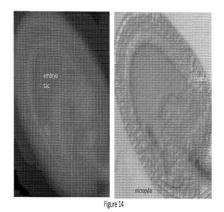
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR MODULATING EXPRESSION OR ACTIVITY OF A RKD POLYPEPTIDE IN A PLANT

(51) International classification	:C07K14/415,C12N15/82	(71)Name of Applicant •
(31) Priority Document No	:61/583649	1)PIONEER HI BRED INTERNATIONAL INC.
(32) Priority Date	:06/01/2012	Address of Applicant :7100 N.W. 62nd Avenue Johnston Iowa
(33) Name of priority country	:U.S.A.	50131 1014 U.S.A.
(86) International Application No	:PCT/US2012/033326	(72)Name of Inventor:
Filing Date	:12/04/2012	1)CHAMBERLIN Mark A.
(87) International Publication No	:WO 2013/103370	2)LAWIT Shai J.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and compositions are provided to increase the activity/level of an RKD polypeptide or an active variant or fragment thereof in an unreduced ovule plant cell that is outside of the embryo sac. In specific embodiments such modulation of activity/level of the RKD polypeptide promotes an egg cell like state in an unreduced ovule plant cell that is outside of the embryo sac. Such methods and compositions can employ an expression construct comprising a RKD polypeptide or active variant or fragment thereof operably linked to an ovule tissue preferred promoter in particular an ovule tissue preferred promoter that is active in at least one non gametophyte tissue in a plant ovule and is active in an unreduced cell that is outside of the embryo sac.



No. of Pages: 124 No. of Claims: 51

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD FOR ISOLATING A CARBOXYLIC ACID FROM AN AQUEOUS SOLUTION

(51) International :B01D11/04,C07C51/48,C07C55/10 classification

(31) Priority Document No :11195691.8 (32) Priority Date :23/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/076741

:21/12/2012

Filing Date

(87) International Publication :WO 2013/093047

(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

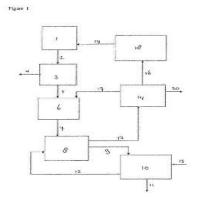
Netherlands

(72) Name of Inventor: 1)DE HAAN Andr Banier 2)VAN KRIEKEN Jan

3) • EKIC ŽIVKOVIC Tanja

(57) Abstract:

The invention pertains to a method for manufacturing carboxylic acid comprising the steps of subjecting an aqueous mixture comprising carboxylic acid and at least 5 wt. % dissolved magnesium chloride to a forward extraction step using a first organic liquid comprising an organic solvent the organic solvent being selected from the group of C5+ ketones thereby obtaining an organic carboxylic acid solution and an aqueous waste liquid comprising magnesium chloride subjecting the organic carboxylic acid solution to a back extraction step wherein the carboxylic acid is extracted from the organic carboxylic acid solution into an aqueous liquid thereby obtaining an aqueous carboxylic acid solution and a second organic liquid subjecting the aqueous waste liquid comprising magnesium chloride derived from the forward extraction to a thermal decomposition step at a temperature of at least 300 °C thereby decomposing the magnesium chloride to magnesium oxide and HC1. The selection of the specific C5+ ketone solvent makes for the manufacture of a high purity product and an efficient and HSE appropriate thermal decomposition step.



No. of Pages: 55 No. of Claims: 15

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

(43) Publication Date: 12/02/2016

(54) Title of the invention: EXHAUST SYSTEM FOR A LEAN BURN IC ENGINE COMPRISING A PGM COMPONENT AND A SCR CATALYST

(51) International classification :B01D53/94,F01N3/20,F01N3/08 (71) Name of Applicant: (31) Priority Document No :61/569530

(32) Priority Date :12/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/GB2012/053089

:11/12/2012 Filing Date

(87) International Publication :WO 2013/088132 No

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

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY

Address of Applicant :5th Floor 25 Farringdon Street London

EC4A 4AB U.K. (72) Name of Inventor:

1)BLAKEMAN Philip 2) CHATTERJEE Sougato 3) CHIFFEY Andrew Francis

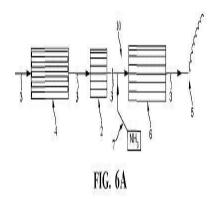
4)GAST Jane

5)PHILLIPS Paul Richard

6)RAJARAM Raj 7)WALKER Andrew

(57) Abstract:

An exhaust system (10) for a vehicular lean bum internal combustion engine comprises: (a) a first substrate monolith (6) comprising a SCR catalyst; (b) at least one second substrate monolith (4) comprising a catalytic washcoat coating comprising at least one platinum group metal (PGM) disposed upstream of the first substrate monolith; and (c) a third substrate monolith (2) disposed between the first sub strate monolith and the or each second substrate monolith wherein at least one PGM on the or each second substrate monolith (4) is liable to volatilise when the or each second substrate monolith (4) is exposed to relatively extreme conditions including relativeligh temperatures and wherein the third substrate monolith (2) comprises a washcoat comprising at least one material for trapping volatilised PGM.



No. of Pages: 38 No. of Claims: 22

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : NOVEL COMPOUND FOR TREATING SENSITIVE, ISONIAZID RESISTANT STRAINS AND MULTI DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. DR. RAJARAJAN SWAMINATHAN
(32) Priority Date	:NA	Address of Applicant :COORDINATOR BIFC OF DBT PG &
(33) Name of priority country	:NA	RESEARCH DEPT., OF MICROBILOGY &
(86) International Application No	:NA	BIOTECHNOLOGY, PRESIDENCY COLLEGE
Filing Date	:NA	(AUTONOMOUS) UNIVERSITY OF MADRAS, CHENNAI - 5
(87) International Publication No	: NA	Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	2)DR. SOUNDHARI CHIDAMBARAM
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)PROF. DR. RAJARAJAN SWAMINATHAN
Filing Date	:NA	2)DR. SOUNDHARI CHIDAMBARAM

(57) Abstract:

ABSTRACT A method for separating compound 4-(5,7-dihydroxy-3-methoxy-4-oxo-4H-chromen-2-yl) phenylacetate from Alpinia officinarum and composition thereof for treating Mycobacterium tuberculosis infection inclusive of avirulent H37Ra, standard virulent H37Rv strains and isoniazid resistant and multidrug resistant strains.

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

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : NOVEL COMPOUND FOR TREATING SENSITIVE, ISONIAZID RESISTANT STRAINS AND MULTI DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS

(51) International classification :a61k3 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)PROF. DR. RAJARAJAN SWAMINATHAN Address of Applicant: COORDINATING PRINCIPAL INVESTIGATOR, DBT PROJECT, BIOINFORMATICS INFRASTRUCTURE FACILITY CENTRE OF DBT PG & RESEARCH DEPT., OF MICROBIOLOGY & BIOTECHNOLOGY, PRESIDENCY COLLEGE (AUT) UNIVERSITY OF MADRAS, CHENNAI 5 Tamil Nadu India 2)DR. SOUNDHARI CHIDAMBARAM (72)Name of Inventor: 1)PROF. DR. RAJARAJAN SWAMINATHAN 2)DR. SOUNDHARI CHIDAMBARAM
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(57) Abstract:

ABSTRACT A method for separating compound (4E)-l,5-bis(4-hydroxyphenyl)-l-ethoxy-2-(meth-oxymethyl)-4-pentenes from Alpinia officinarum and composition thereof for treating Mycobacterium tuberculosis infection inclusive of avirulent H37Ra, standard virulent H37Rv strains and isoniazid resistant and multidrug resistant strains.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: OXIME ESTER PHOTOINITIATORS

(51) International classification :C07D209/80,C07D403/12,G03F7/004

(31) Priority Document No :61/567662 (32) Priority Date :07/12/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/EP2012/074190

Application No
Filing Date

1. C 17E1 201
201
203/12/2012

(87) International Publication No :WO 2013/083505

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

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

(71)Name of Applicant:

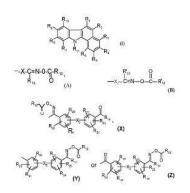
1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)NISHIMAE Yuichi 2)KURA Hisatoshi

3)KUNIMOTO Kazuhiko 4)YAMAGAMI Ryuhei 5)TANAKA Keita

(57) Abstract:



No. of Pages: 108 No. of Claims: 19

(22) Date of filing of Application :01/07/2014

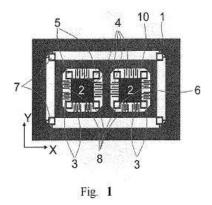
(43) Publication Date: 12/02/2016

(54) Title of the invention : INERTIAL ANGULAR SENSOR OF BALANCED MEMS TYPE AND METHOD FOR BALANCING SUCH A SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11 03733 :06/12/2011 :France :PCT/EP2012/074290 :03/12/2012 :WO 2013/083534	(71)Name of Applicant: 1)SAGEM DEFENSE SECURITE Address of Applicant: 18 20 Quai du Point du Jour F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)JEANROY Alain
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Inertial angular sensor of MEMS type comprising a support (1) of at least two masses (2) which are mounted movably with respect to the support at least one electrostatic actuator (3) and at least one electrostatic detector (4). The masses (2) are suspended in a frame (6) itself connected by suspension means to the support. The actuator and the detector are designed to respectively produce and detect a vibration of the masses. Method for balancing such a sensor provided with at least one load detector mounted between the frame and the support and with at least one electrostatic spring (8) placed between the frame and one of the masses and slaved so as to ensure dynamic balancing of the sensor as a function of a measurement signal of the load sensor.



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

(22) Date of filing of Application :04/07/2014 (43)

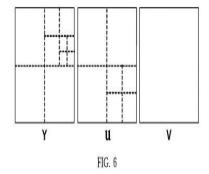
(43) Publication Date: 12/02/2016

(54) Title of the invention: RESIDUAL QUAD TREE (RQT) CODING FOR 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 	:H04N19/463 :61/592478 :30/01/2012 :U.S.A. :PCT/US2013/022984 :24/01/2013 :WO 2013/116081 :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)GUO Liwei 2)WANG Xianglin 3)KARCZEWICZ Marta
· · ·		

(57) Abstract:

A video decoding device receives an array of transform coefficients for a chroma component of video data. The video decoding device receives entropy encoded data representing the value of a split flag associated with the chroma component. The value of the split flag indicates whether the array of transform coefficients is divided into smaller transform blocks. The video decoding device determines a context for the entropy encoded data representing the split flag. The context is based on the value of a split flag associated with another component of video data. The video decoding device entropy decodes the data representing the value of the split flag based on the determined context using context adaptive binary arithmetic coding (CABAC). The luma and chroma components have independent residual quadtree (RQT) structures.



No. of Pages: 56 No. of Claims: 43

(22) Date of filing of Application :04/07/2014

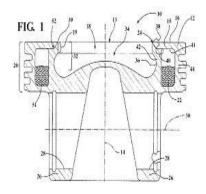
(43) Publication Date: 12/02/2016

(54) Title of the invention : ONE PIECE PISTON WITH IMPROVED COMBUSTION BOWL RIM REGION AND METHOD OF 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 	:F02F3/00,F02F3/22 :61/568213 :08/12/2011 :U.S.A. :PCT/US2012/068411 :07/12/2012 :WO 2013/086297 :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)MUSCAS Florin 2)WEINENGER Michael
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A piston for an internal combustion engine and method of construction thereof is provided. The piston includes a piston body having an upper combustion surface with a combustion bowl depending from the upper combustion surface. The piston body has a ring belt region configured for receipt of at least one piston ring adjacent the upper combustion surface. A cooling gallery is configured in radial alignment with the ring belt region. An annular combustion bowl rim region extends between the upper combustion surface and the combustion bowl and a bonded seam extends from the combustion bowl rim region radially outwardly to the cooling gallery. The bonded seam has material properties exhibiting an enhanced ability to withstand the extreme temperature pressure stress and highly corrosive and erosive effects of the combustion gases relative to the surrounding material of the piston body.



No. of Pages: 24 No. of Claims: 22

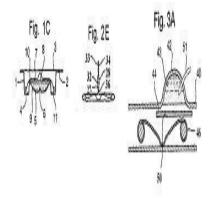
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: A PACK CONTAINING A CONDOM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (63) Printing Late Application Number 	:1121204.0 :09/12/2011 :U.K. :PCT/GB2012/053069 :10/12/2012 :WO 2013/084007 :NA :NA	(71)Name of Applicant: 1)LRC PRODUCTS LIMITED Address of Applicant: 103 105 Bath Road Slough Berkshire SL1 3UH U.K. (72)Name of Inventor: 1)CHOPDAT Mohammed 2)HAYTO Ian 3)MAYES Geoff
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A sealed condom pack containing a condom (10) and a liquid or gel (9) which is isolated from the condom by a barrier. The barrier can be breached by external manipulation of the pack without disturbing the integrity of the outer sealed wall. The pack may comprise a moulded tray (1) having a deformable portion(5) in its base and may be surrounded by a trough. The deformable portion(5) may snap into the deployed configuration to expel the liquid or gel onto the condom. Alternatively the pack may be a folded foil pack with the liquid or gel retained in the fin seal (33 34). A further alternative may be a conventional foil pack with a bulge (42) in one wall to retain the liquid or gel the bulge being off set from the centre of the pack.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5124/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : USE OF A SOLUTION CONTAINING SULPHATE IONS FOR REDUCING THE BLACKENING OR TARNISHING OF A METAL SHEET DURING THE STORAGE THEREOF AND METAL SHEET TREATED WITH SUCH A SOLUTION

(31) Priority Document No (32) Priority Date	n:C23C22/53,C23C22/68,C25D5/48 :NA :NA	1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO SL
(33) Name of priority country	:NA	Address of Applicant :CL/Chavarri 6 E 48910 Sestao Bizkaia
(86) International Application No Filing Date	:PCT/FR2012/000013 :10/01/2012	Spain (72)Name of Inventor: 1)CHALEIX Daniel
(87) International Publication No	:WO 2013/104835	2)ALLELY Christian 3)MONNOYER Maxime
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)FELTIN Pascale
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

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

⁴² The invention relates mainly to the use of an aqueous treatment solution containing sulphate ions SO at a concentration of greater than or equal to 0.01 mol/l for treating a metal sheet comprising a steel substrate coated on at least one of its faces with a coating comprising at least zinc and magnesium in order to reduce the blackening or tarnishing of the metal sheet during the storage thereof. The invention also relates to the metal sheet treated with such a solution.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5109/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: COATED FILMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/12/2012 :WO 2013/112239 :NA :NA :NA	(71)Name of Applicant: 1)JINDAL FILMS AMERICAS LLC Address of Applicant: 729 Pittsford Palmyra Road Macedon New York 14502 U.S.A. (72)Name of Inventor: 1)GRINGOIRE Bruno R. 2)LIESTMAN David A.
Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a coating composition and coated film having the coating composition adhered thereto in which the coating composition comprises particulate filler; binder composition comprising acrylic polymer and ethylene acrylic acid copolymers; non cross linking adhesion promoter; and optionally urethane polymer styrene acrylic copolymer or a combination thereof; and wherein cross linker(s) are substantially absent from the composition; and wherein the coated film has a 45° Gloss (ASTM D2457) of less than 30 or 25 or 20 or 15. The coated film is useful for pressure sensitive labels for thermal transfer ribbon printing labels.

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

(22) Date of filing of Application :04/07/2014

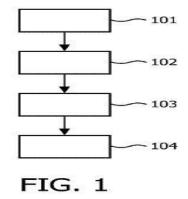
(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PREPARING A BEVERAGE FROM A SOLVENT AND INGREDIENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A47J31/00 :PCT/CN2011/084957 :29/12/2011 :China :PCT/IB2012/057756 :27/12/2012 :WO 2013/098777 :NA :NA	Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and an apparatus for preparing a beverage from a solvent and ingredients. The method comprises: a first step of setting (101) the temperature of the solvent to a first given temperature; a first step of brewing (102) the ingredients in the solvent being at said first given temperature during a first period of time; a second step of setting (103) the temperature of the solvent to a second given temperature; a second step of brewing (104) the ingredients in the solvent being at said second given temperature during a second period of time. This method and apparatus enables the extraction of a higher amount of antioxidants in the ingredients.



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

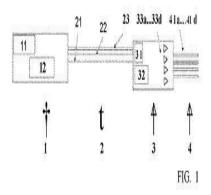
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTROSURGICAL ABLATION APPARATUS

(51) International classification	:A61B18/18	(71)Name of Applicant:
(31) Priority Document No	:61/581119	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:29/12/2011	Address of Applicant :High Tech Campus 5 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057660	(72)Name of Inventor:
Filing Date	:22/12/2012	1)LEUSSLER Christoph
(87) International Publication No	:WO 2013/098757	
(61) Patent of Addition to Application Number	:NA	
- 10	:NA	
Filing Date	NIA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electrosurgical ablation apparatus for generating and emitting electromagnetic radiation energy for ablating biological tissue is disclosed. The apparatus comprises an operating unit (1) a handheld applicator unit (3) with an applicator antenna (4) and a cable connection (2) between both. The applicator antenna (4) is a dual or multi resonant ablation antenna (41a ..41d) for transmitting microwave ablation energy at at least two different frequencies which are selected especially according to the electrical properties and dimensions of the tissue to be ablated.



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

(22) Date of filing of Application :03/07/2014

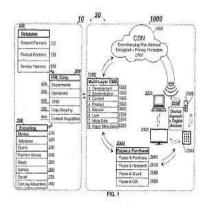
(43) Publication Date: 12/02/2016

(54) Title of the invention : IMMEDIATE PURCHASE OF GOODS AND SERVICES WHICH APPEAR ON A PUBLIC BROADCAST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F3/00 :13/312790 :06/12/2011 :U.S.A. :PCT/US2012/067871 :05/12/2012 :WO 2013/085953 :NA :NA	(71)Name of Applicant: 1)MOROT GAUDRY Jean Michel Address of Applicant:1408 Domingo Road Fullerton CA 92835 U.S.A. 2)ROSELLI Christopher Michael (72)Name of Inventor: 1)MOROT GAUDRY Jean Michel 2)ROSELLI Christopher Michael
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) 11		

(57) Abstract:

A comprehensive organization entertainment and purchasing operating system through a computer network. A Front End allows users viewing purchasing social networking and the like. A back end of the system includes maintaining relationships with content providers who produce and cause to be broadcast a media source of in a public venue such as television movies streaming videos and video games etc. and farther highlighted and display products and services in numerous scenes Information on content partners including contact information of key decision makers at major studios mini majors and independent film makers which is entered into the system's computer database. The system will also include granting access to key content partners so that interactions with content partners can include uploading content to encoding providing digital distribution contracts with the system's corporate legal department uploading information to the corporate heads of the system and maintaining a multilayered content management system.



No. of Pages: 61 No. of Claims: 10

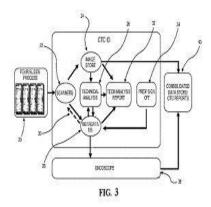
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: APPARATUS SYSTEM AND METHOD FOR IDENTIFYING CIRCULATING TUMOR CELLS

(51) International classification	:G01N33/74,G02B21/34	(71)Name of Applicant:
(31) Priority Document No	:61/568793	1)THE SCRIPPS RESEARCH INSTITUTE
(32) Priority Date	:09/12/2011	Address of Applicant :10550 North Torrey Pines Road La
(33) Name of priority country	:U.S.A.	Jolla CA 92037 U.S.A.
(86) International Application No	:PCT/US2012/068586	(72)Name of Inventor:
Filing Date	:07/12/2012	1)MARIENFELD Gerd
(87) International Publication No	:WO 2013/086428	2)KUHN, Peter
(61) Patent of Addition to Application	:NA	3)KOLATKAR, Anand
Number	:NA	4)MARRINUCCI, Dena
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus systems and methods are provided for the identification of various objects particularly circulating tumor cells. In one aspect the system includes but is not limited to a scanning system an image storage system and an analysis system. The analysis system preferably identifies desired objects such as complete cells based on various criteria which may include cell nuclear area or volume CD 45 negative status and cytokeratine positive status. Preferably included is a slide for containing the cells during the imaging step the well including a planar bottom surface a border at the periphery of the well defining sides for the well the border being adjacent the bottom surface of the well and providing a fluidic seal there between. The invention herein provides for a single imaging well providing for substantially a monolayer of objects e.g. cells.



No. of Pages: 47 No. of Claims: 51

(62) Divisional to Application Number :NA

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

:NA

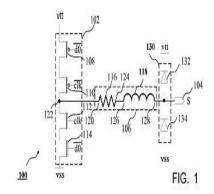
(54) Title of the invention: DRIVER CIRCUIT AND METHOD OF GENERATING AN OUTPUT SIGNAL

:H03K19/0185,H04L25/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)XILINX INC. :13/347518 (32) Priority Date :10/01/2012 Address of Applicant: Attn: Legal Dept. 2100 Logic Drive San (33) Name of priority country Jose CA 95124 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/053443 (72) Name of Inventor: Filing Date :31/08/2012 1)KIREEV Vassili (87) International Publication No :WO 2013/106091 2)IM Hsung Jai (61) Patent of Addition to Application :NA :NA Filing Date

(57) Abstract:

Filing Date

A driver circuit of an integrated circuit is described. The driver circuit comprises a signal node (122) coupled to receive an output signal of the integrated circuit; an inductor circuit (106) having a resistor (1 6) coupled in series with an inductor (118) between a first terminal and a second terminal wherein the first terminal is coupled to the signal node; an electro static discharge protection circuit (130) coupled to the second terminal of the inductor circuit; and an output node (104) coupled to the second terminal of the inductor circuit. A method of generating an output signal is also disclosed.



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

Address of Applicant : Landsteinerstrasse 5 63303 Dreieich

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: USES OF IMMUNOCONJUGATES TARGETING CD138

(51) International classification :A61K47/48,A61P35/00 (31) Priority Document No :61/568640

(32) Priority Date :08/12/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2012/074867 Filing Date :07/12/2012

:WO 2013/083817

(87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

Germany 2)IMMUNOGEN INC. (72)Name of Inventor: 1)SCHULZ Gregor 2)OSTERROTH Frank 3)HAEDER Thomas 4)BRUECHER Christoph

(71)Name of Applicant: 1)BIOTEST AG

5)NIEMANN Gabriele 6)ENGLING Andre 7) UHEREK Christoph 8)DAELKEN Benjamin

9)WARTENBERG DEMAND Andrea

10)ZUBER Chantal 11) GUTSCHER Marcus 12)BERNOESTER Katrin 13)KOENIG Martin

(57) Abstract:

Provided is a method for treating a disease associated with target cells expressing CD 138 comprising: administering to a subject in particular a human subject in need thereof an immunoconjugate comprising at least one engineered targeting antibody targeting CD138 expressing cells and at least one effector molecule wherein said engineered targeting antibody is functionally attached to said effector molecule to form said immunoconjugate wherein preferably at least a part of the engineered targeting antibody confers lgG4 isotype properties wherein the immunoconjugate is administered in a multiple dose regimen comprising at least two doses wherein the aggregate dose administered within an active treatment cycle is an aggregate maximum tolerable dose (AMTD) or a fraction of the AMTD and wherein said AMTD and/or said fraction exceeds the dose resulting in dose limiting toxicity (DLT) when the immunoconjugate is administered as a single dose including as part of a multiple single dose regimen and/or exceeds the maximum tolerable dose (MTD) when the immunoconjugate is administered as a single dose including as part of a multiple single dose regimen within said active treatment cycle.

No. of Pages: 215 No. of Claims: 42

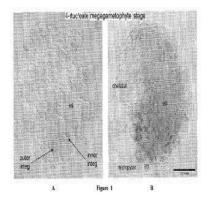
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: OVULE SPECIFIC PROMOTER AND METHODS OF USE

(51) International classification	:C12N15/82,A01H5/00	(71)Name of Applicant:
(31) Priority Document No	:61/583647	1)PIONEER HI BRED INTERNATIONAL INC.
(32) Priority Date	:06/01/2012	Address of Applicant :7100 N.W. 62nd Avenue Johnston Iowa
(33) Name of priority country	:U.S.A.	50131 1014 U.S.A.
(86) International Application No	:PCT/US2012/033342	(72)Name of Inventor:
Filing Date	:12/04/2012	1)CHAMBERLIN Mark A.
(87) International Publication No	:WO 2013/103371	2)LAWIT Shai J.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Arabidopsis thalianaCompositions and methods for regulating expression of heterologous nucleotide sequences in a plant are provided. Compositions include nucleotide sequences for an (AT SVL3) promoter. Also provided is a method for expressing a heterologous nucleotide sequence in a plant using a promoter sequence disclosed herein.



No. of Pages: 94 No. of Claims: 29

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: OXYGEN ABSORBING RESIN COMPOSITION AND MULTILAYER BODY CONTAINER INJECTION MOLDED BODY AND MEDICAL CONTAINER USING SAME

(51) International classification: C08L77/00, C08G69/26, C08K3/10 (71) Name of Applicant:

:WO 2013/089268

(31) Priority Document No :2011275861 (32) Priority Date :16/12/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/082610

:17/12/2012 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)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 Toshiya

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 a metal detector generates no odor after oxygen absorption and has excellent oxygen absorbing performance and a multilayer body a container an injection molded body and a medical container using same. Also provided is an oxygen absorbing resin composition or the like which has an excellent oxygen absorbing performance in a wide range of humidity conditions from low humidity to high humidity. The oxygen absorbing resin composition according to the present invention contains a polyamide compound and a transition metal catalyst the polyamide compound containing at least one type of element containing a tetralin ring. The multilayer body the container the injection molded body and the medical container according to the present invention are obtained by using the oxygen absorbing resin composition according to the present invention.

No. of Pages: 200 No. of Claims: 14

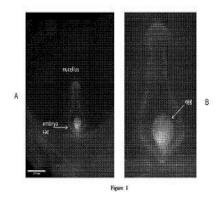
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE EXPRESSION OF A SEQUENCE IN A REPRODUCTIVE TISSUE OF A PLANT

(51) International classification	:C07K14/415,C12N15/82	(71)Name of Applicant:
(31) Priority Document No	:61/583648	1)PIONEER HI BRED INTERNATIONAL INC.
(32) Priority Date	:06/01/2012	Address of Applicant :7100 N.W. 62nd Avenue Johnston Iowa
(33) Name of priority country	:U.S.A.	50131 1014 U.S.A.
(86) International Application No	:PCT/US2012/033281	(72)Name of Inventor:
Filing Date	:12/04/2012	1)ALBERTSEN Marc C.
(87) International Publication No	:WO 2013/103369	2)CHAMBERLIN Mark A.
(61) Patent of Addition to Application	:NA	3)FOX Timothy W.
Number	:NA	4)LAWIT Shai J.
Filing Date	.NA	5)LOVELAND Brian
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Compositions and methods for regulating expression of heterologous nucleotide sequences in a plant are provided. Compositions include promoter sequences with direct expression in an egg cell or embryonic cell preferred manner. Such compositions find use in for example a method for expressing a heterologous nucleotide sequence in a plant; detection of specific cell types in the ovule and targeted ablation of specific cell types.



No. of Pages: 105 No. of Claims: 59

(22) Date of filing of Application :03/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : ORGANIC ADHESIVE AGENT FOR MOLD AND CASTING SAND COMPOSITION AND MOLD OBTAINED USING SAME

(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 (62) Divisional to Application Number Filing Date (51) International Classification (52) 12023372 (56) 206/02/2012 (51) 32pan (52) 2012/013/05119 (52) 2012/013/05119 (53) 2012/013/05119 (54) 2012/013/05119 (55) 2012/013/05119 (56) 2012/013/05119 (57) 2012/013/05119 (58) 2012/013/05119 (59) 2012/013/05119 (50	(71)Name of Applicant: 1)ASAHI ORGANIC CHEMICALS INDUSTRY CO. LTD. Address of Applicant:5955 Nakanose cho 2 chome Nobeoka shi Miyazaki 8828688 Japan (72)Name of Inventor: 1)Tieshan
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(57) Abstract:

Provided is an organic adhesive agent for a mold that greatly reduces the occurrence of odor stimulus smoke etc. during mold making is capable of improving the handling properties of the obtained mold and is capable of advantageously increasing the peel back resistance thereof. Also provided are an RCS obtained using this kind of organic adhesive agent and a mold having excellent properties and obtained by using said RCS. The organic adhesive agent for the mold is configured by combining: a non black phenolic resin (A) and a resol type phenolic resin (B) at a usage ratio by mass of A:B = 95:55:95; and at least one type of Lewis base having a pKa value of 6 10 as a curing accelerator capable of accelerating the curing reaction of these phenolic resins.

No. of Pages: 27 No. of Claims: 18

(22) Date of filing of Application :03/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD AND DEVICE FOR THE INDUSTRIAL WIRING AND FINAL TESTING OF PHOTOVOLTAIC CONCENTRATOR MODULES

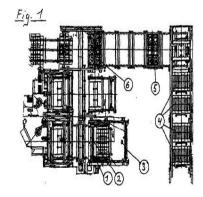
(51) International classification	:H01L	(71)Name of Applicant:
(31) Priority Document No	:20 2011 109 424.7	1)GRENZEBACH MASCHI
(32) Priority Date	:23/12/2011	Address of Applicant :Alban
(33) Name of priority country	:Germany	Bumenheim Germany
(86) International Application No	:PCT/DE2012/001159	2)SOITEC SOLAR GMBH
Filing Date	:06/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/091599	1)SCHMID Markus
(61) Patent of Addition to Application	:NA	2)FEINEIS Alexander
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastus et .		•

IINENBAU GMBH

nusstrasse 1 3 86663 Asbach

(57) Abstract:

The invention relates to a method and to a device for the industrial wiring and final testing of photovoltaic concentrator modules comprising a module frame a lens disc a sensor carrier disc and electrical cable routing having the following features: a) a laser contacting device for contactless connection of connecting lines between the individual sensor (11) and of connection elements (17) and of collector contact plates (19) wherein the cable routing on the sensor carrier disc (13) has in each case 5 CPV sensors connected in parallel as the basic structure and said parallel circuits are connected in series b) a device for testing electrical properties wherein the CPV sensors (11) per se have a specific voltage applied thereto and the light emitted therefrom via the lenses (15) is detected and evaluated and c) a device for testing the tightness (5) of finished concentrator modules wherein compressed air is applied to the interior of said modules and testing for the emission of compressed air is carried out.



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

(21) Application No.5134/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: WIRELESS BASE STATION AND MOBILE STATION

:H04W36/04,H04W80/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NTT DOCOMO INC. :2012055768 (32) Priority Date :13/03/2012 Address of Applicant: 11 1 Nagatacho 2 chome Chiyoda ku (33) Name of priority country Tokyo 1006150 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2013/056985 Filing Date 1)UCHINO Tooru :13/03/2013 (87) International Publication No :WO 2013/137307 2) UMESH Anil (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided are a wireless base station and mobile station with which it is possible to avoid an increase in C Plane load and reduce handover delay even if there is a change in the type of PDCP SN used in the cell after handover. The wireless base station (eNB 1) according to the present invention is equipped with a transmission unit (11) which is constituted in such a manner that if the mobile station UE performs a handover from cell 1 to cell 11 (or if performing a handover from cell 11 to cell 1) the mobile station UE is notified that the length of the PDCP SN used in communications within the cell 11 (or cell 1) will change.

No. of Pages: 27 No. of Claims: 4

(21) Application No.5135/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: MOBILE STATION AND WIRELESS BASE STATION

(51) International classification	:H04W72/04,H04W56/00	(71)Name of Applicant:
(31) Priority Document No	:2012108515	1)NTT DOCOMO INC.
(32) Priority Date	:10/05/2012	Address of Applicant:11 1 Nagatacho 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006150 Japan
(86) International Application No	:PCT/JP2013/061515	(72)Name of Inventor:
Filing Date	:18/04/2013	1)UCHINO Tooru
(87) International Publication No	:WO 2013/168533	2)TAKAHASHI Hideaki
(61) Patent of Addition to Application	:NA	3)YAGYU Kengo
Number	:NA	4)SAGAE Yuta
Filing Date	.NA	5)KIYOSHIMA Kohei
(62) Divisional to Application Number	:NA	6)TAKIGUCHI Takahiro
Filing Date	:NA	

(57) Abstract:

The mobile station (UE) according to this invention is provided with a control unit (12) that is configured to deactivate Scell 2 when the mobile station (UE) is instructed to modify the TAG containing Scell 2 from TAG 2 to TAG 1.

No. of Pages: 31 No. of Claims: 7

(22) Date of filing of Application :04/07/2014

(43) Publication Date: 12/02/2016

(54) Title of the invention : ORGANIC ADHESIVE AGENT FOR MOLD AND CASTING SAND COMPOSITION AND MOLD OBTAINED USING SAME

(31) Priority Document No :20 (32) Priority Date :06 (33) Name of priority country :Jap (86) International Application No :PC Filing Date :22	012023373 0/02/2012 pan CT/JP2013/051192 0/01/2013 O 2013/118573 A A	71)Name of Applicant: 1)ASAHI ORGANIC CHEMICALS INDUSTRY CO. LTD. Address of Applicant:5955 Nakanose cho 2 chome Nobeoka hi Miyazaki 8828688 Japan 72)Name of Inventor: 1)Tieshan
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(57) Abstract:

Provided is an organic adhesive agent for a mold that greatly reduces the occurrence of odor stimulus smoke etc. during mold making is capable of improving the handling properties of the obtained mold and is capable of advantageously increasing the peel back resistance thereof. Also provided are an RCS obtained using this kind of organic adhesive agent and a mold having excellent properties and obtained by using said RCS. The organic adhesive agent for the mold is configured by combining: a non black phenolic resin (A) and a resol type phenolic resin (B) having a usage ratio by mass of A:B = 95:5 5:95; and at least an Arrhenius base and/or a Br_nsted base as a curing accelerator capable of accelerating the curing reaction of these phenolic resins.

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

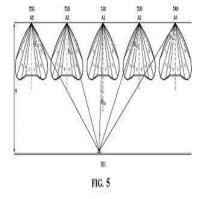
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: PERSONALIZED LIGHTING FOR OPEN AREA

(51) International classification	:H05B37/02	(71)Name of Applicant:
(31) Priority Document No	:PCT/CN2011/085196	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:31/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:China	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/057663	(72)Name of Inventor:
Filing Date	:22/12/2012	1)LIU Kangjun
(87) International Publication No	:WO 2013/098759	2)LOU Di
(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 proposes a method apparatus controller and system for controlling illuminance. Specifically the system comprises at least one light source each of the at least one light source comprising a plurality of light modules and each of the plurality of light modules being adjustable independently; and a controller configured to control the illuminance of a target area in the lighting system. One or more light modules associated with the illuminance of the target area are selected from the at least one light source based on the position relationship between the at least one light source and the target area and a lighting distribution of each of the at least one light source. Then at least one of the selected one or more light modules is adjusted to meet a certain requirement for the illuminance of the area. As a result personalized lighting for an open area is effectively achieved.



No. of Pages: 37 No. of Claims: 15

(22) Date of filing of Application :04/07/2014 (43) Publication Date: 12/02/2016

(54) Title of the invention: COOKING DEVICE

(51) International classification: A47J27/13, A47J27/05, A47J27/10 (71) Name of Applicant:

:PCT/CN2011/085152 (31) Priority Document No

(32) Priority Date :31/12/2011 (33) Name of priority country :China

(86) International Application :PCT/IB2012/057320

No :14/12/2012

Filing Date (87) International Publication :WO 2013/098697

(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)KELLY Declan Patrick

2)HA Wan Kei Ricky

A cooking device is provided the cooking device comprising a first container (101 201 301 401 501 601) and a second container (102 202 302 402 502 602) one of them being used for cooking food with water and the other being used for containing liquid; a first passage (109 209 309 409 505a 605a) and a second passage (105 205 305 405 505b 605b) communicating the first container with the second container; a first control unit (104 204 304 404 507a) being coupled with a first valve (103 203 303 403 506a) for controlling the liquid in the first container to flow to the second container via the first passage; a second control unit (107 207 307 407 507b) being coupled with a second valve (106 206 306 406 506b) for controlling the liquid in the second container to flow to the first container via the second passage; wherein the first and the second control unit are located at the outside of the first and the second container. There are no electrical components in the containers of the cooking device and no electrical connections to the containers so that all components in contact with the liquid can be removed easily for cleaning.

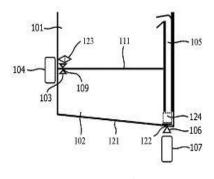


FIG. 1

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

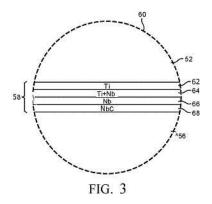
(22) Date of filing of Application :04/07/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: BRAZED X RAY TUBE ANODE

(51) International classification	:H01J35/10	(71)Name of Applicant:
(31) Priority Document No	:61/581678	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:30/12/2011	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/IB2012/057584	(72)Name of Inventor:
Filing Date	:21/12/2012	1)KRAFT Kevin Charles
(87) International Publication No	:WO 2013/098733	2)XU Ming Wei Paul
(61) Patent of Addition to Application	:NA	3)HE Min
Number	:NA	4)CARLSON Gerald James
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method (100) creates a braze joint (58)between an anode plate (52) and a piece of graphite (56) of an x ray tube (38). The method (100) includes receiving (102) the anode plate (52) and the piece of graphite (56). A barrier layer (66) and a braze layer (62) are arranged (104 106 108) between the anode plate (52) and the piece of graphite (56) where the barrier layer (66) is between the piece of graphite (56) and the brazing layer (62). The barrier layer (66) is heated (110) with the braze layer (62) to create the braze joint (58) between the anode plate (52) and the piece of graphite (56).



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

(21) Application No.2622/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND DEVICE FOR CLEANING INTERIORS OF TANKS AND SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:00429/13 :11/02/2013 :Switzerland	(71)Name of Applicant: 1)BANG & CLEAN GMBH Address of Applicant:Buchslistrasse 5, CH-5453 Remetschwil SWITZERLAND (72)Name of Inventor: 1)FLURY, Rainer 2)BÜRGIN, Markus
9	:NA :NA	

(57) Abstract:

The invention relates to a method and a cleaning device (51) for removing deposits in interiors (71) of tanks and systems (70) by means of explosion technology. By means of the cleaning device (51), an explosive, gaseous mixture is provided and caused to explode in order to clean the interior (71). The explosion pressure wave is conducted into the interior (71) via an outlet opening (69) in the cleaning device (51). The explosive mixture or gaseous components thereof are introduced into an accommodating chamber of the cleaning device (51) from pressure vessels (22, 24) at high velocity.

No. of Pages: 54 No. of Claims: 31

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

(19) INDIA

(22) Date of filing of Application :10/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/817,270 :29/04/2013 :U.S.A.	(71)Name of Applicant: 1)LG ELECTRONICS INC. Address of Applicant: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721 REPUBLIC OF KOREA (72)Name of Inventor: 1)KIM, Hyungtae 2)KIM, Kijun 3)LEE, Hyunho
Number		S)EEE, II, umo

(57) Abstract:

The present invention relates to a wireless communication system. According to one embodiment of the present invention, a method for transmitting, by a terminal, channel state information (CSI) in a wireless communication system comprises the steps of: subsampling a code book for four antenna ports; and feeding back the CSI on the basis of the subsampled code book, wherein the CSI includes a rank indicator (RI) reported together with a precoding type indicator (PTI), and if the RI is greater than 2, the PTI is set to one.

No. of Pages: 77 No. of Claims: 14

(21) Application No.2624/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : ALL-VANADIUM REDOX FLOW BATTERY SYSTEM EMPLOYING A V+4/V+5 REDOX COUPLE AND AN ANCILLARY CE+3/CE+4 REDOX COUPLE IN THE POSITIVE ELECTROLYTE SOLUTION

(57) Abstract:

An ancillary Ce+3/Ce+4 redox couple is added to the positive electrolyte solution containing the V+4/V+5 redox couple of an RFB energy storage system in a mole content sufficient to support charge current in case of localized depletion of oxidable V+4V ions in the anode double layer on a wetted carbon electrode surface at a polarization voltage approaching 1.5 V, thus restraining any further increase that would lead to massive OH- discharge on the carbon electrode. Such a buffering function of the fraction of oxidable of C+3 ions, substitutes of no longer present oxidable V+4 ions, may eventually continue after a substantially complete oxidation to V+5 of the vanadium of the main redox couple V+4/V+5 in the positive electrolyte solution and to this end a balancing mole amount of a reducible redox couple is also added to the negative electrolyte solution. Of course, the added fractions (concentrations) of ancillary redox couple element or elements in the two electrolyte solutions will be determined in function of the minimum time interval after full oxidation of the vanadium load the system may remain operating before stopping an inadvertent run out charging process (maximum tolerable overcharge).

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

(21) Application No.2625/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PATIENT-SPECIFIC MEDICATION MANAGEMENT SYSTEM

(51) International classification	:G06Q50/22	(71)Name of Applicant :
	-	
(31) Priority Document No	:13/802,679	1)CAREFUSION 303, INC.
(32) Priority Date	:13/03/2013	Address of Applicant :3750 Torrey View Court, San Diego,
(33) Name of priority country	:U.S.A.	California 92130 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/022830	(72)Name of Inventor:
Filing Date	:10/03/2014	1)GUPTA, Vikas
(87) International Publication No	:WO 2014/159280	2)BOLLISH, Stephen, J.
(61) Patent of Addition to Application	:NA	3)BERGLUND, Gail
Number		4)VANDERVEEN, Timothy W.
Filing Date	:NA	5)DAVISON, Alan
(62) Divisional to Application Number	:NA	6)HALBERT, Donald
Filing Date	:NA	1 '
rining Date	.INA	7)GUERRA, Jesse J.

(57) Abstract:

Systems for use with a medical device for reducing medication errors are provided. In one aspect, a system includes a medical device that is configurable with operating limit parameters for providing medication to a patient, and a limiting system. The limiting system includes a memory that includes patient-specific information for the patient and a database includes acceptable operating parameters for providing the medication to the patient using the medical device, and a processor. The processor is configured to compare the acceptable operating parameters with the patient-specific information, and provide a modification of the operating limit parameters for providing the medication to the patient based on the comparison of the acceptable operating parameters with the patient-specific information. Methods and machine-readable media are also provided.

No. of Pages: 48 No. of Claims: 30

(21) Application No.2650/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : BIODEGRADABLE AND CLINICALLY-COMPATIBLE NANOP ARTICLES AS DRUG DELIVERY CARRIERS

(51) International :A61K47/00,A61K48/00,C07H21/02

classification (31) Priority Document No :61/761,012

(32) Priority Date :05/02/2013
(33) Name of priority

country :U.S.A.

(86) International PCT/US2014/014751 Application No

Filing Date :05/02/2014

(87) International Publication: WO 2014/123935

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant:

1)1GLOBE HEALTH INSTITUTE LLC

Address of Applicant :333 Providence Highway, Norwood,

MA 02062 UNITED STATES OF AMERICA.

(72)Name of Inventor:

6)PRATA, Joseph

1)LI, Chiang, J. 2)LI,Youzhi 3)GADA, Keyur 4)SAXENA, Vaibhav 5)DAI, Xiaoshu

7)DODWADKAR, Namita

(57) Abstract:

The present invention relates to the composition of a nanoparticle based on a magnesium salt, and methods of drug delivery using the nanoparticle. A preferred embodiment uses magnesium phosphate, with or without a shell to deliver aiRNA and/or siRNA. The nanoparticles of the present invention are also effective when administered orally.

No. of Pages: 69 No. of Claims: 72

(12) TATENT ALTEICATION TOBLICATION

(22) Date of filing of Application :12/08/2015 (43) Publi

(43) Publication Date: 12/02/2016

(21) Application No.2651/KOLNP/2015 A

(54) Title of the invention: NUCLEAR REACTOR TARGET ASSEMBLIES, NUCLEAR REACTOR CONFIGURATIONS, AND METHODS FOR PRODUCING ISOTOPES, MODIFYING MATERIALS WITHIN TARGET MATERIAL, AND/OR CHARACTERIZING MATERIAL WITHIN A TARGET MATERIAL

(51) International classification	:G21G1/02,G21C23/00	(71)Name of Applicant:
(31) Priority Document No	:13/766,600	1)BATTELLE MEMORIAL INSTITUTE
(32) Priority Date	:13/02/2013	Address of Applicant :902 Battelle Boulevard, P.O Box 999,
(33) Name of priority country	:U.S.A.	Richland, WA 99352 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/075121	2)WASHINGTON STATE UNIVERSITY
Filing Date	:13/12/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/137439	1)TOTH, James, J.
(61) Patent of Addition to Application	:NA	2)WALL, Donald
Number	:NA	3)WITTMAN, Richard S.
Filing Date	.11/1	4)GREENWOOD, Lawrence
(62) Divisional to Application Number	:NA	5)PIERSON, Bruce D.
Filing Date	:NA	
(57) Abstract :		<u> </u>

(57) Abstract:

(19) INDIA

Target assemblies are provided that can include a uranium- comprising annulus. The assemblies can include target material consisting essentially of non-uranium material within the volume of the annulus. Reactors are disclosed that can include one or more discrete zones configured to receive target material. At least one uranium-comprising annulus can be within one or more of the zones. Methods for producing isotopes within target material are also disclosed, with the methods including providing neutrons to target material within a uranium-comprising annulus. Methods for modifying materials within target material are disclosed as well as are methods for characterizing material within a target material.

No. of Pages: 41 No. of Claims: 37

(21) Application No.2652/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SUBSTITUTED CHROMAN-6-YLOXY-CYCLOALKANES AND THEIR USE AS **PHARMACEUTICALS**

(51) International :C07D311/60,C07D405/12,C07D407/12

classification

(31) Priority Document :13305263.9

(32) Priority Date :08/03/2013

(33) Name of priority :EPO

country

(86) International

:PCT/EP2014/054417 Application No :07/03/2014

Filing Date

(87) International

:WO 2014/135674 **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)SANOFI

Address of Applicant :54 rue La Boétie, F-75008 Paris

FRANCE

(72) Name of Inventor:

1)CZECHTIZKY, Werngard

2) WESTON, John

3)RACKELMANN, Nils

4)KRAFT, Volker

5)ARNDT, Petra

6)WIRTH, Klaus

7) GOEGELEIN, Heinz

8) RITZELER, Olaf

(57) Abstract:

The present invention relates to substituted chroman-6-yloxy-cycloalkanes of the formula (I) in which Ar, R1 to R4, p and q are as defined in the claims. The compounds of the formula (I) are inhibitors of the sodium-calcium exchanger (NCX), especially of the sodium-calcium exchanger of subtype 1 (NCX1), and are suitable for the treatment of diverse disorders in which intracellular calcium homeostasis is disturbed, such as arrhythmias, heart failure and stroke. The invention furthermore relates to processes for the preparation of the compounds of the formula (I), their use as pharmaceuticals, and pharmaceutical compositions comprising them.

No. of Pages: 174 No. of Claims: 13

(21) Application No.2653/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENHANCING MOTION PICTURES WITH ACCURATE MOTION 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 	:H04N19/51 :61/804,814 :25/03/2013 :U.S.A. :PCT/IB2014/060139 :25/03/2014 :WO 2014/155290 :NA :NA	(71)Name of Applicant: 1)IMAX CORPORATION Address of Applicant: 2525 Speakman Drive, Sheridan Park, Mississauga, Ontario L5K 1B1 CANADA (72)Name of Inventor: 1)ZHANG, Ning 2)ZHOU, Samuel Ziheng
(61) Patent of Addition to Application		5
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and systems for digitally enhancing the characteristics of an image sequence including video and motion picture images are provided. Highly accurate motion information represented by trajectories are generated through analyzing available image frames in the image sequence. Some embodiments of the present invention relate to generating multiple layer trajectories from an image sequence. Certain aspects may be applicable to the enhancement of three-dimensional (3D) image sequences including 3D video and 3D motion pictures.

No. of Pages: 39 No. of Claims: 34

(21) Application No.2654/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 12/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR INSTALLING AND REMOVING A FLOW RESTRICTOR FROM A DIFFERENTIAL PRESSURE MEASUREMENT 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 	:G01F1/40 :NA :NA :NA :PCT/CA2013/050117 :15/02/2013 :WO 2014/124514 :NA	(71)Name of Applicant: 1)CLARK, Derold Address of Applicant:48 Jarvis Bay Drive, Sylvan Lake, Alberta T4S 1R9 CANADA (72)Name of Inventor: 1)CLARK, Derold
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for installing and removing a flow restrictor from a differential pressure measurement device with a seal housing attached to the differential measurement device. The seal housing being sealed to the fitting opening and having a channel connecting the fitting opening and a housing opening. The seal housing has first, second and third seals spaced along the channel. The distance between the first and third seals is greater than the height of the flow restrictor. The first, second and third seals are retractable between an extended, sealing position and a retracted, open position. At least one bleeder valve is positioned between the first and third seals for equalizing pressure between the channel and an external pressure. A series of rotating drivers are spaced along the channel and move the flow restrictor along the channel between the receptacle in the fitting and the housing opening of the seal housing.

No. of Pages: 25 No. of Claims: 23

(21) Application No.2684/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHOTOVOLTAIC STRUCTURE FOR A ROADWAY

:NA

(51) International classification :H01L31/0236,H01L31/042 (71)Name of Applicant : (31) Priority Document No 1) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX :13/51, 191 (32) Priority Date :12/02/2013 ENERGIES ALTERNATIVES (33) Name of priority country Address of Applicant: 25 rue Leblanc, Btiment Le Ponant D, :France (86) International Application No :PCT/IB2014/058908 F-75015 Paris FRANCE Filing Date :11/02/2014 2)COLAS (87) International Publication No :WO 2014/125415 (72)Name of Inventor: (61) Patent of Addition to Application :NA 1)BARRUEL, Franck 2)COQUELLE, Eric :NA Filing Date 3) GAUTIER, Jean-Luc (62) Divisional to Application 4)PILAT, Eric :NA Number

(57) Abstract:

Filing Date

The invention relates to a photovoltaic structure (10), especially for a roadway suitable for the circulation of pedestrians and vehicles, comprising: at least one photovoltaic cell; and a non-opaque coating covering at least the front face of said photovoltaic cell and having an outer surface which is macrotextured and microtextured irregularly, with a mean texture depth MTD, measured according to the norm NF EN 13036-1, of between 0.2 mm and 3 mm, and a polishing resistance value PRV, according to the norm NF EN 13043, of at least PRV44, preferably PRV50, especially preferably PRV53.

No. of Pages: 26 No. of Claims: 20

(21) Application No.2685/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: APPARATUS AND METHOD FOR MEASURING AND USING CONGESTION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L12/801,H04L12/825 (71)Name of Applicant :

(31) Priority Document No :13/776,750 (32) Priority Date :26/02/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/012679

Filing Date :23/01/2014

(87) International Publication No :WO 2014/133693

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

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

1)GOOGLE TECHNOLOGY HOLDINGS LLC

Address of Applicant: 1600 Amphitheatre Parkway, Mountain View, California 94043 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)BELLAMKONDA, Krishna K.

2)CRAMER, Joseph F. 3)NAIR, Jitesh R. 4)NOLLITT, Bryan S. 5)PATEL, Nischal Y.

(57) Abstract:

A method (1300) and apparatus (150) are for receiving a set of individual congestion reports, wherein each individual congestion report comprises a set of congestion values and an associated location. Each individual congestion report has been generated (200) by one of a plurality of user devices (110) operating in a wireless communication system (150) and is based on at least one of a downlink congestion value, an uplink congestion value, and a core congestion value. The set of individual congestion reports is correlated to form one or more local congestion reports. One or more local congestion reports are transmitted (1320) to a user device (110). Additionally or alternatively, user device application interactions with a user device are altered (1320) based on the one or more local congestion reports. Additionally or alternatively, network performance parameters are altered (1320) to reduce congestion in at least on region based on one or more local congestion reports.

No. of Pages: 37 No. of Claims: 10

(21) Application No.2686/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LOW CONCENTRATION ANTIBODY 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 	:13/03/2014 :WO 2014/141152 :NA :NA	(71)Name of Applicant: 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED Address of Applicant: 980 Great West Road, Brentford Middlesex TW89GS UNITED KINGDOM. (72)Name of Inventor: 1)CROTTS, George 2)MORAR-MITRICA, Sorina
1 (01110 01		

(57) Abstract:

The present invention is directed formulations for low concentrations of therapeutic proteins and methods of making the same. In one aspect the present invention is directed to a formulation for a therapeutic protein comprising: a) the therapeutic protein; and b) a surfactant; wherein the molar ratio of surfactant to therapeutic protein is at least 100. In another aspect the present invention is directed to a formulation for a therapeutic protein comprising: a) the therapeutic protein; and b) an antioxidant, wherein the molar ratio of antioxidant to therapeutic protein is at least 750.

No. of Pages: 33 No. of Claims: 28

(21) Application No.2687/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: FORMWORK PANEL AND FORMWORK SYSTEM

(51) International :E04G11/02,E04G11/08,E04G17/00 classification

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/EP2013/053173

:18/02/2013

Filing Date

(87) International Publication :WO 2014/124696

(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)DOKA GMBH

Address of Applicant :Josef-Umdasch-Platz 1, A-3300

Amstetten AUSTRIA (72) Name of Inventor:

1)HÖLLMÜLLER, Markus

A formwork panel (10) has: - a top part (12) having a thickness (T); - a recess (14) adjacent the top part (12) so as to reduce the thickness adjacent the top part (12); and - a projection (16) projecting into the recess (14). A formwork system has at least one formwork panel in accordance with one of the preceding claims and at least one clip having a clip recess (24) adapted to accommodate the projection (16).

No. of Pages: 14 No. of Claims: 13

(22) Date of filing of Application: 14/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR TELEMATICS CONTROL AND COMMUNICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/03/2014 :WO 2014/143624 :NA	(71)Name of Applicant: 1)LEXISNEXIS RISK SOLUTIONS INC. Address of Applicant: 1000 Alderman Drive, Alpharetta, GA 30005-4101 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HASSIB, Ash 2)KAMINSKI, Charles 3)PIERCE, Aaron, G.

(57) Abstract:

Certain example embodiments of the disclosed technology may include systems and methods for telematics monitoring. An example method is provided that includes receiving, at a mobile computing device, and from a Vehicle Identification Unit (VIU), identification (ID) data representing a first vehicle. The method further includes receiving, by the mobile computing device, sensor data from one or more sensors associated with the mobile computing device. Certain embodiments may further include receiving, at an Operational Measurement Unit (OMU), an operation indication associated with the first vehicle. The OMU may include an operational measurement component configured to advance an operational count in response to receiving the operation indication. Certain example embodiments may include transmitting telematics data by the mobile computing device. In certain embodiments, the telematics data may include least a portion of one or more of the ID data, the sensor data, and/or the operational count data.

No. of Pages: 65 No. of Claims: 34

(21) Application No.2627/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SPRING-LOADED CLAMPING ELEMENT AND CONNECTING TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:12/02/2014 :WO 2014/124959 :NA :NA :NA	(71)Name of Applicant: 1)WAGO VERWALTUNGSGESELLSCHAFT MBH Address of Applicant: Hansastraße 27, 32423 Minden GERMANY (72)Name of Inventor: 1)KÖLLMANN, Hans-Josef 2)GERBERDING, Wolfgang
Filing Date	:NA	

(57) Abstract:

A spring-loaded clamping element (1) is described having a bus bar (2) and a clamping spring (3) that has a contact limb (4), a spring arc (5) adjoining said contact limb (4) and a clamping limb (6) adjoining said spring arc (5), said clamping limb having a main portion (8) that extends from the spring arc (5) and a clamping portion (7) oriented in the direction of the bus bar (2). The clamping portion (7) has a clamping edge (11) at a free end of the clamping portion (7) for forming a clamping point between the clamping edge (11) and the bus bar (2) for clamping an electrical conductor. The clamping portion (7) has a first portion (9) which is bent from the main portion (8) in the direction of the bus bar (2) and a second portion (10) which has the clamping edge (11), adjoins the first portion (9) and is bent again back in the direction of extension of the main portion (8). When the clamping spring (3) is in a resting position in which there is no electrical conductor inserted and the clamping edge (11) rests on the bus bar (2), the first portion (9), viewed in the direction of extension (FR) of the clamping spring (3) starting from the spring arc (5), is at an obtuse angle α to the bus bar (2) and the second portion (10) is at an acute angle α to the bus bar (2).

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

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

(19) INDIA

(22) Date of filing of Application: 10/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: GEL-TYPE COSMETIC COMPOSITION

(51) International classification :A61K8/26,A61Q1/04,A61K8/73 (71)Name of Applicant:

(31) Priority Document No :13 00432 (32) Priority Date :25/02/2013

(33) Name of priority country :France

(86) International Application :PCT/IB2014/059240 No

:25/02/2014 Filing Date

(87) International Publication No:WO 2014/128680

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)L'OREAL

Address of Applicant :14 rue Royale, F-75008 Paris FRANCE

(72)Name of Inventor: 1)VALVERDE, Elodie 2) FERRARI, Véronique 3) CASSIN, Guillaume

4)RAY, Xavier

(57) Abstract:

The present invention is directed towards a cosmetic composition for making up and/or caring for keratin materials, in particular the skin and/or the lips, comprising: - at least one aqueous phase gelled with at least one synthetic polymeric hydrophilic gelling agent; and - at least one oily phase gelled with at least one lipophilic gelling agent chosen from particulate gelling agents, organopolysiloxane elastomers, semi-crystalline polymers and dextrin esters, and mixtures thereof; the said phases forming therein a macroscopically homogeneous mixture.

No. of Pages: 91 No. of Claims: 22

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ZERO REFLUX FEMALE VALVE WITH SMALL PRIMING VOLUME

(51) International classification :A61M39/22,A
(31) Priority Document No :13/801,399
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/023694

Filing Date :11/03/2014 (87) International Publication No :WO 2014/164881

(61) Patent of Addition to Application
Number

Filing Date
(62) Divisional to Application Number

Filing Date
:NA

Filing Date
:NA

:A61M39/22,A61M39/02 (71)**Name of Applicant :** :13/801,399 (71)**Name of Applicant :**

Address of Applicant :3750 Torrey View Court, San Diego,

California 92130 UNITED STATES OF AMERICA.

(72)Name of Inventor:

1)MANSOUR, George Michel

(57) Abstract:

Needleless connectors are described. An example needleless connector includes a housing and a compressible valve. The housing may define an internal cavity and may include a body section having a first port and one or more internal contact tabs and a base section having a valve mount and a second port. The compressible valve may be disposed within at least a portion of the internal cavity and be movably retained within the housing. The compressible valve may include a flange portion for securing the compressible valve within the housing. A central longitudinal axis of the housing may be defined by a coaxial arrangement of the first and second port. The one or more internal contact tabs may be arranged to contact an outer side surface of the flange portion such that a radial force substantially orthogonal to the central longitudinal axis is provided for securement.

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

(21) Application No.2782/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AIR VENTING VALVE

(51) International :B29C33/10,B29D30/06,F16K24/04

classification

.B29C33/10,B29D30/00,F10K24/04

(31) Priority Document No :20135278 (32) Priority Date :22/03/2013 (33) Name of priority country :Finland

(86) International Application :PCT/FI2014/050207

No :21/03/2014

Filing Date :21/05/201

(87) International Publication :WO 2014/147296

No ... 32911

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

(62) Divisional to Application:NA
Number:NA

Filing Date

(71)Name of Applicant: 1)WD RACING OY

Address of Applicant : Kuljuntie 9, FI-37200 Siuro FINLAND

(72)Name of Inventor: 1)PENKKIMÄKI, Pekka

(57) Abstract:

An air venting valve (1) for removing air from a vulcanising mould of a vehicle tyre. The air venting valve (1) comprises a valve sleeve (2), an air venting channel (3) arranged inside the valve sleeve (2), and a movable inner part (4) arranged in the valve sleeve (2), which comprises a stem (5), the end of which is provided with a valve disc (6) for opening and closing the air venting channel (3). The valve disc (6) is against a stop surface (7) of the valve sleeve (2) in a closed position of the air venting valve (1) and in an open position at a clearance from said stop surface (7). Furthermore, the air venting valve (1) comprises a spring member (8) for forcing the inner part (4) towards opening position. The front surface (9) of the valve disc (6) comprises a bulge (12).

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

(21) Application No.2775/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: OPTICAL GRANULAR SUBSTANCE SORTER

(51) International classification :G01N21/85,B07C5/342,G01N21/27

(31) Priority Document No :2013-029082 (32) Priority Date :18/02/2013

(33) Name of priority :Japan

country

(86) International :PCT/JP2014/053593
Application No :PCT/JP2014/053593

Filing Date :17/02/2014

(87) International Publication :WO 2014/126232

No .w

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

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

(71)Name of Applicant:

1)SATAKE CORPORATION

Address of Applicant :7-2, Sotokanda 4-chome, Chiyoda-ku,

Tokyo 1010021 JAPAN (72)Name of Inventor: 1)ISHIZU, Hideaki

2)MIYAMOTO, Tomoyuki

3)HARA, Masazumi

(57) Abstract:

A discrimination means is provided with: a three-dimensional color distribution data creation unit which creates data relating to respective R, G, and B wavelength components of a granular substance on a three-dimensional color space; a Mahalanobis distance boundary surface creation unit which separates a non-defective cluster region and a defective cluster region; a Euclidean distance boundary surface creation unit which finds the positions of the respective centers of gravity of the non-defective cluster region and the defective cluster region, and sets a boundary surface at which the distance between the positions of the respective centers of gravity is largest; a two-dimensional data conversion unit which converts the data into two-dimensional color distribution data by a line of intersection of the boundary surfaces; and a threshold value setting unit which creates a closed region by fitting an inertia-equivalent ellipsoid into the defective cluster region on the two-dimensional color distribution data, and sets a threshold value within the closed region.

No. of Pages: 55 No. of Claims: 3

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR ESTABLISHING/RELEASING A MAC (MEDIDUM ACCESS CONTROL) ENTITY IN A WIRELESS COMMUNICATION SYSTEM AND A DEVICE THEREFOR

(51) International :H04W76/02,H04W76/06,H04W16/32

(31) Priority Document No :61/808,636

(32) Priority Date :05/04/2013
(33) Name of priority

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

(86) International Application No :PCT/KR2014/002724

Filing Date :31/03/2014

(87) International Publication No :WO 2014/163349

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

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

(71)Name of Applicant:

1)LG ELECTRONICS INC.

Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu,

Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor: 1)LEE, Sunyoung

2)PARK, Sungjun

3)YI, Seungjune

(57) Abstract:

The present invention relates to a wireless communication system. More specifically, the present invention relates to a method and a device for performing establishing/releasing a MAC entity in the wireless communication system, the method comprising: communicating with a first base station (BS) on a first type cell, wherein the UE has a first MAC entity for the first type cell; establishing a second MAC entity for a second type cell, when the UE starts to communicate with a second BS while maintaining communication with the first BS; and releasing the second MAC entity for the second type cell, when the UE stops to communicate with a second BS while maintaining communication with the first BS.

No. of Pages: 37 No. of Claims: 16

(21) Application No.2777/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: BIOSENSOR MICROARRAY COMPOSITIONS AND METHODS

(51) International :C40B30/04,C40B60/12,G01N30/96

classification

(31) Priority Document No :61/791,952 (32) Priority Date :15/03/2013 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2014/028154

:14/03/2014

Filing Date

(87) International Publication :WO 2014/143954 No

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

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

Filing Date

(57) Abstract:

(71) Name of Applicant:

1)ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY

Address of Applicant: 1475 North Scottsdale Road, Suite 200, Scottsdale, AZ 85257 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1)LABAER, Joshua

2)TAKULAPALLI, Bharath

No. of Pages: 56 No. of Claims: 52

⁾Described herein are biosensor microarrays comprising detector polypeptide monolayers substantially free of contaminants. Also provided are methods for generation of such biosensor microarrays by capture of polypeptides by arrays comprising capture moieties and associated sensors.

(22) Date of filing of Application :24/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR TAX DATA CAPTURE AND USE

(51) International classification: G06F19/00,G06F17/21,G06K7/10 (71) Name of Applicant:

(31) Priority Document No :13/781,393 (32) Priority Date :28/02/2013

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

(86) International Application :PCT/US2013/040628

No

:10/05/2013 Filing Date

(87) International Publication

:WO 2014/133570 (61) Patent of Addition to

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

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

(57) Abstract:

1)INTUIT INC.

Address of Applicant :2700 Coast Avenue, Mountain View,

California 94043 UNITED STATES OF AMERICA. (72) Name of Inventor:

1) HUANG, Nankun 2) EFTEKHARI, Amir 3)HOWE, Carol 4)TIFFORD, Alan

5)LUDWIG, Jeffrey

A computer-implemented method of acquiring tax data for use in tax preparation application includes acquiring an image of at least one document containing tax data therein with an imaging device. A computer extracts one or more features from the acquired image of the at least one document and compares the extracted one or more features to a database containing a plurality of different tax forms. The database may include a textual database and/or geometric database. The computer identifies a tax form corresponding to the at least one document from the plurality of different tax forms based at least in part on a confidence level associated with the comparison of the extracted one or more features to the database. At least a portion of the tax data from the acquired image is transferred into corresponding fields of the tax preparation application.

No. of Pages: 29 No. of Claims: 25

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BINDER COMPOSITIONS AND METHODS FOR MAKING AND USING SAME

:C08L61/04,C08L101/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)GEORGIA-PACIFIC CHEMICALS LLC :61/782,302 (32) Priority Date Address of Applicant: 133 Peachtree Street NE, Atlanta, :14/03/2013 (33) Name of priority country Georgia 30303 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2014/024841 1) WILLIAMSON, Bobby, L. Filing Date :12/03/2014 (87) International Publication No :WO 2014/159704 2)SNIADY, Adam, K. (61) Patent of Addition to Application 3)SWIFT, Brian, L. :NA Number 4)SRINIVASAN, Ramji :NA Filing Date 5) HAGIOPOL, Cornel (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Binder compositions and methods for making and using same are provided. In at least one specific embodiment, the binder composition can include at least one polyphenolic compound, at least one unsaturated compound, and at least one free radical precursor. The unsaturated compound can have two or more unsaturated carbon-carbon bonds. At least one of the unsaturated carbon-carbon bonds can be a pi-bond that is not conjugated with an aromatic moiety and is capable of free radical addition.

No. of Pages: 77 No. of Claims: 20

(21) Application No.2649/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: STRIPPING HEAD AND FORMWORK 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 	:E04G11/48 :NA :NA :NA :PCT/EP2013/053170 :18/02/2013 :WO 2014/124695	(71)Name of Applicant: 1)DOKA GMBH Address of Applicant: Josef-Umdasch-Platz 1, A-3300 Amstetten AUSTRIA (72)Name of Inventor: 1)HÖLLMÜLLER, Markus
. ,		
e		1)110DDMCDDDK, Markus
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a stripping head, connected or connectable with, at its lower end, with a prop, and connectable with, at its upper part with at least one beam and/or panel, having a wedge, which is at least indirectly positively engagable with the beam and/or the panel and with a fixed portion (66) of the stripping head such that displacement of the wedge (48) in horizontal direction urges the beam and/or the panel vertically downwards. A formwork system has at least one such stripping head and at least one of, preferably a plurality of panels and beams.

No. of Pages: 23 No. of Claims: 22

(21) Application No.2795/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: NOISE SUPPRESSION IN AN OPTOACOUSTIC SYSTEM

(51) International classification :A61B8/08,G01N29/24,A61B8/13 (71)Name of Applicant:

(31) Priority Document No :13/842,323 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/028681 No

:14/03/2014 Filing Date

(87) International Publication :WO 2014/144324

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

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

1)SENO MEDICAL INSTRUMENTS, INC.

Address of Applicant: 5253 Prue Road, Suite 315, San Antonio, Texas 78240 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1)SCHMID, Gregory

(57) Abstract:

An optoacoustic imaging system includes an ultrasound transducer array, first and second light sources and a switching power supply that generates power for the light sources. The switching power supply includes an input for impeding its switching operation. A data acquisition unit samples the ultrasound transducer array for a first predetermined period of time after a pulse of light from the first light source and for a second predetermined period of time after a pulse of light from the second light source and stores the sampled data. A master processor utilizes the input to impede operation of the switching operation of the switching power supply during the first predetermined period of time after a pulse of light from the first light source, and during the second predetermined period of time after a pulse of light from the second light source.

No. of Pages: 193 No. of Claims: 6

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FAST MULTI-TOUCH NOISE REDUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:17/03/2014 :WO 2014/145827 :NA	(71)Name of Applicant: 1)TACTUAL LABS CO. Address of Applicant: 160 Wooster Street, Penthouse B, New York, New York 10012 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)FORLINES, Clifton 2)LEIGH, Darren 3)WIGDOR, Daniel 4)SANDERS, Steven Leonard
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A low-latency touch sensitive device provides a method for determining a location of a touch event thereon. The touch sensitive device row conductors and column conductors, the path of each of the row conductors crossing the path of each of the column conductors. Each of a set of orthogonal row signals are simultaneously transmitted on a respective one of at least some of the row conductors and an amount of each of the plurality of orthogonal row signals present on each of the plurality of column conductors is detected. A set of orthogonal column signals are simultaneously transmitted on a respective one of at least some of the column conductors. An amount of each of the orthogonal column signals present on each of the plurality of row conductors is detected. The detected amount of each of the plurality of orthogonal row signals and the detected amount of each of the plurality of orthogonal column signals is used to determine the location of a touch event on the device.

No. of Pages: 77 No. of Claims: 32

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHODS FOR ASCERTAINING A MODEL OF A STARTING VARIABLE OF A TECHNICAL 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 	:G05B13/04 :A 50347/2013 :22/05/2013 :Austria :PCT/EP2014/060350 :20/05/2014 :WO 2014/187828 :NA :NA :NA	(71)Name of Applicant: 1)AVL LIST GMBH Address of Applicant: Hans List-Platz 1, A-8020 Graz AUSTRIA (72)Name of Inventor: 1)STADLBAUER, Markus 2)JAKUBEK, Stefan 3)DEREGNAUCOURT, Maxime 4)RAINER, Andreas 5)LANSCHÜTZER, Herbert 6)ZETTEL, Karl 7)DIDCOCK, Nico 8)HAMETNER, Christoph
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(57) Abstract:

In order to ascertain a model for a starting variable (y) of a technical system, said starting variable being nonlinearly dependent on a number of input variables in the form of an input variable vector (u), a target starting variable range (COR) is defined, and a model-based test plan is ascertained with which the model is parameterized in the target starting variable range (COR) by selecting corresponding input variable vectors (ucand, COR). A distance-based selection criterion is used in order to select the input variable vectors (ucand, COR).

No. of Pages: 21 No. of Claims: 5

(22) Date of filing of Application :25/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: TAX DOCUMENT IMAGING AND PROCESSING

(51) International :G06Q50/26,G06Q50/30,G06K9/18 classification

(31) Priority Document No :13/781,571

(32) Priority Date :28/02/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/040620

:10/05/2013 Filing Date

(87) International Publication :WO 2014/133569

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)INTUIT INC.

Address of Applicant :2700 Coast Avenue, Mountain View,

California 94043 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1) HUANG, Nankun 2)EFTEKHARI, Amir 3)HOWE, Carol

4)TIFFORD, Alan 5)LUDWIG, Jeffrey

(57) Abstract:

Methods, systems and articles of manufacture for allowing taxpayers to utilize mobile communication or communication devices such as smartphones and tablet devices to upload tax document images and process tax document images such that resulting recognized tax data is incorporated into an electronic tax return. Authentication data is generated and provided to the taxpayer to establishing a connection with an image processor, which provides recognized tax data to the on-line tax preparation application for incorporation into the electronic tax return. Authentication data may be embodied within a URL address to the image processor that is transmitted as a SMS message to the mobile communication or computing device or encoded within a QR code such that the mobile communication or computing device can be used to take an image of and decode the QR code to determine the URL address and authentication data to establish a connection with the image processor.

No. of Pages: 88 No. of Claims: 55

(21) Application No.149/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF REGENERATING CELLULOSE FROM COIR FIBRE

(51) International classification(31) Priority Document No(32) Priority Date	:D04H 1/58 :NA :NA	(71)Name of Applicant: 1)DR. KAMAL KANTI GOSWAMI Address of Applicant: C/O S. N. DATTA & ASSOCIATES 7B, KIRAN SHANKAR ROY ROAD, 4TH FLOOR,
(33) Name of priority country	:NA	KOLKATA-700001. West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. KAMAL KANTI GOSWAMI
(87) 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:

Method of preparing pulp from coir fibre of coconut husk which is chemically treated in digester with sodium hydroxide and sodium sulfide for extracting cellulose from the treated coir fibre by fragmentation of lignin; the pulp collected in the digester is washed, bleached and centrifuged in hydro-extractor. Paper from the said bleached pulp is prepared by suspending bleached pulp in water and the suspended pulp is fed through sheet former; the pulp sheet is placed on blotting paper and multiple layers of pulp sheets with blotting papers are subjected to pressure and air dried forming paper. Regenerated cellulose is prepared by soaking the pulp sheet in concentrated sodium hydroxide and crushed into grains which are aged under controlled temperature and humidity level; the soaked grains are pressed between rollers and shredded which are again aged through exposure to oxygen at 20 to 30°C for 40 to 60 hours; the said grains aged with oxygen are again reacted with carbon disulfide in a vat under controlled temperature of 20 to 30°C thereby forming cellulose xanthate which is dissolved in caustic soda in water resulting a viscous solution which is sprayed through a spinneret into a bath containing sulfuric thereby producing regenerated filaments.

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

(21) Application No.2665/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PIPE FIXTURE FOR FLUID PRESSURE CYLINDER

(51) International classification :F15B15/14,F16B2/08,F16L3/24 (71)Name of Applicant :

(31) Priority Document No :2013-011389 (32) Priority Date :24/01/2013

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/080747

Filing Date :14/11/2013

(87) International Publication No: WO 2014/115405

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

:NA Number :NA

Filing Date

1)KAYABA INDUSTRY CO., LTD.

Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN

(72) Name of Inventor:

1)Yasuhito TAKAI

(57) Abstract:

A pipe fastener for a hydraulic cylinder that: fixes a pipe supplying and discharging hydraulic fluid inside a cylinder tube to the cylinder tube; has a curved section along the outer circumference of the cylinder tube; and comprises two split bands that sandwich the cylinder tube by fixing both ends of the curved section to each other. One of the bands has an attachment section to which the pipe is attached and in which one section of the curved section is separated from the cylinder tube towards the outside in the radial direction.

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

(21) Application No.2666/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: EXCLUSIVE-CONTROL INSPECTION DEVICE 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 Filing Date 	:G06F11/36 :2013-008356 :21/01/2013 :Japan :PCT/JP2013/084616 :25/12/2013 :WO 2014/112304 :NA :NA :NA	(71)Name of Applicant: 1)NISSAN MOTOR CO., LTD. Address of Applicant: 2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor: 1)Miwako HASEGAWA
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(57) Abstract:

This exclusive-control review device identifies execution orders and execution paths for statements in a computer program under review (S02), identifies lock segments on the basis of said execution orders and execution paths (S03), extracts a timeout duration for each lock segment (S04), computes the number of clocks needed to execute the lock segments in each execution path (S05, S06), computes the maximum number of clocks needed for the lock segments (S07), and outputs same (S11).

No. of Pages: 43 No. of Claims: 4

(21) Application No.2817/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : USE OF TRICARBOXYLIC ACID (TCA) INTERMEDIATES TO CONTROL AMMONIA GENERATION IN CELL CULTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/787,105 :15/03/2013 :U.S.A. :PCT/IB2014/059756 :13/03/2014 :WO 2014/141151 :NA :NA	(71)Name of Applicant: 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED Address of Applicant:980 Great West Road, Brentford, Middlesex TW8 9GS UNITED KINGDOM. (72)Name of Inventor: 1)LARA-VELASCO, Oscar 2)WAEHNER, Christina Michele
- 100000	:NA :NA :NA	

(57) Abstract:

The present invention is directed to a method of reducing the ammonium ion concentration in a mammalian cell culture, a method of maintaining or increasing cell productivity in a mammalian cell culture, a method of maintaining or increasing cell growth in a mammalian cell culture, and a method of reducing the influence of ammonium ion accumulation on antibody glycosylation patterns in a cell culture, comprising steps of growing the cells in a cell culture medium, and contacting or administering an effective amount of a TCA intermediate composition to the cell culture medium.

No. of Pages: 53 No. of Claims: 23

(21) Application No.2818/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PARALLEL CARDAN DRIVE-TYPE STEERING BOGIE

:B61F5/46,B61C9/38,F16D3/18 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2013-044297 (32) Priority Date :06/03/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/001212

:05/03/2014 Filing Date (87) International Publication No: WO 2014/136449

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

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

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1-1, Higashikawasaki-cho 3-chome,

Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72)Name of Inventor: 1)SATO, Yoshi 2)NAKAO, Shunichi

(57) Abstract:

A parallel Cardan drive type steering bogie (3) is provided with: a bogie frame (7); first and second axles (9) disposed along a vehicle width direction at the front and the rear in a vehicle length direction; a steering mechanism (30) which steers by rotating both the first and second axles (9) with respect to the bogie frame (7); first and second electric motors (12) which are respectively disposed in a state of being supported on the bogie frame (7) at the front and the rear in the vehicle length direction and which are respectively provided with first and second output shafts (28) that are parallel with respect to the first and second axles (9) when steering is not being performed; first and second reduction gears (13) respectively connected to the first and second axles (9); and first and second constant velocity ball joints (15) which respectively couple the first and second output shafts (28) to the first and second reduction gears (13) and which are made to track the rotation of the first and second axles (9) during steering to cause relative displacement of the first and second output shafts (28) and the first and second reduction gears (13).

No. of Pages: 27 No. of Claims: 5

(21) Application No.2664/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: CALIPER BRAKE APPARATUS

(51) International classification:F16D65/18,B61H5/00,F16B43/02 (71)Name of Applicant: :P2013-12493 (31) Priority Document No

(32) Priority Date :25/01/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/050554 No

:15/01/2014 Filing Date

(87) International Publication

:WO 2014/115617

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

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

1)KAYABA INDUSTRY CO., LTD.

Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN

(72) Name of Inventor:

1)Tsutomu SUZUKI

2)Yoshiyuki OOKAWARA

(57) Abstract:

A caliper brake device, provided with: a piston which advances and retracts according to the pressure in a pressure chamber of the main caliper body; a guide plate for supporting a brake shoe, the guide plate being attached to the piston; and a fastening member for fastening the piston and the guide plate. The fastening member has a tapered seat surface, and the piston and/or the guide plate has a tapered contact part for seating the seat surface of the fastening member.

No. of Pages: 20 No. of Claims: 6

(21) Application No.2813/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: COMPUTER SYSTEM, DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION CONTROL METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International

:H04N21/226,G06F13/00,H04N21/2343

classification

(31) Priority Document :2013-053936

:15/03/2013 (32) Priority Date

(33) Name of priority

country

(86) International

:PCT/JP2014/057930 Application No

:Japan

:14/03/2014

Filing Date

(87) International

:WO 2014/142354 **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)RICOH COMPANY, LIMITED

Address of Applicant: 3-6, Nakamagome 1-chome, Ohta-ku,

Tokyo, 1438555 JAPAN (72) Name of Inventor:

1)KASATANI, Kiyoshi

(57) Abstract:

When transferring frame data from a CPU (201) as an example of a first processor to a GPU (215) as an example of a second processor, partial data as an updated part within the frame data is transferred, and the GPU (215) merges the partial data into the previous frame data and then performs certain processing. This enables certain processing at relatively high speed, even when data transfer between the CPU (201) and the GPU (215) is performed at low speed.

No. of Pages: 96 No. of Claims: 13

(21) Application No.2814/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TOROIDAL PLASMA PROCESSING 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 	:61/791,274 :15/03/2013 :U.S.A. :PCT/US2014/027881 :14/03/2014 :WO 2014/143775 :NA	(71)Name of Applicant: 1)PLASMABILITY, LLC Address of Applicant: 4715 Steiner Bldv., Austin, Texas 78732 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HOLBER, William 2)BASNETT, Robert J.
Filing Date (87) International Publication No	:14/03/2014 :WO 2014/143775	1)HOLBER, William
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A plasma processing apparatus includes a vacuum chamber comprising a conduit, a process chamber, and a first gas input port for introducing gas into the vacuum chamber, and a pump port for evacuating gas from the vacuum chamber. A magnetic core surrounds the conduit. An output of an RF power supply is electrically connected to the magnetic core. The RF power supply energizes the magnetic core, thereby forming a toroidal plasma loop discharge in the vacuum chamber. A platen that supports a workpiece during plasma processing is positioned in the process chamber.

No. of Pages: 60 No. of Claims: 52

:NA

(21) Application No.2815/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TOUCHLESS USER INTERFACE FOR OPHTHALMIC DEVICES

(51) International classification: A61F9/008,G06F3/01,G10L15/00 (71) Name of Applicant: (31) Priority Document No 1)WAVELIGHT GMBH :NA (32) Priority Date Address of Applicant: Am Wolfsmantel 5, 91058 Erlangen :NA **GERMANY** (33) Name of priority country :NA (86) International Application (72) Name of Inventor: :PCT/EP2013/060157 No 1) WELLHOEFER, Armin :16/05/2013 Filing Date (87) International Publication :WO 2014/183792 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

An ophthalmic apparatus for laser eye surgery comprising a command recognition unit configured for detecting and recognizing a gesture command and/or voice command of an operator of the ophthalmic apparatus, at least one controlled unit configured for receiving a control signal and configured for changing a state based on the received control signal, and a controller configured for generating a control signal and transmitting the control signal to the at least one controlled unit based on the recognized gesture command and/or voice command.

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

(21) Application No.2816/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention: FAST MULTI-TOUCH STYLUS AND SENSOR

Filing Date (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number	:17/03/2014 :WO 2014/145872 :NA :NA	(71)Name of Applicant: 1)TACTUAL LABS CO. Address of Applicant:160 Wooster Street, Penthouse B, New York, New York 10012 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)LEIGH, Darren
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(57) Abstract:

A stylus and touch sensitive device are disclosed. The stylus includes a stylus transmitter for transmitting a stylus signal. The touch sensitive device includes row conductors, each of which is associated with a row transmitter and a row receiver. The row transmitter is adapted to simultaneously transmit row signals, each on its associated row conductor, each of the row signals being orthogonal to each other of the plurality of row signals transmitted on each other of the row conductors. The row receiver is adapted to detect the stylus signal. Column conductors are provided, each associated with a column receiver that is adapted to detect the presence of each of the row signals transmitted by the row transmitter and the stylus signal.

No. of Pages: 78 No. of Claims: 20

(21) Application No.2675/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: CUSTOMIZED CONTENT CONSUMPTION 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 	:24/02/2014 :WO 2014/130939 :NA :NA	(71)Name of Applicant: 1)GOOGLE INC. Address of Applicant:1600 Amphitheatre Parkway, Mountain View, California 94043 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)LIU, Sean 2)SHERRETS, Doug 3)PAGLIA, Marco
1 (41110 41	:NA :NA :NA	

(57) Abstract:

)A content processing device may be operable to analyze activity information associated with particular content identified in a content library associated with a user account. One or more entities associated with the particular content may be identified by the content processing device. The content processing device may collect, from various sources, information related to each of the identified one or more entities. The content processing device may determine, based on one or both of a result of the analysis and the collected information, update information for the particular content. The content processing device may then add, based on one or more ranking factors, item information comprising the particular content along with the determined update information to a list of items associated with the user account. Upon receiving an indication from a data processing device, the content processing device may communicate the list of items to the data processing device.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: 2, 3-DISUBSTITUTED 1 -ACYL-4-AMINO-1, 2, 3, 4-TETRAHYDROQUINOLINE DERIVATIVES AND THEIR USE AS BROMODOMAIN INHIBITORS

(51) International :C07D215/227,C07D215/44,C07D215/46 classification

(31) Priority Document :61/781,583

(32) Priority Date :14/03/2013 (33) Name of priority

country

(86) International

:PCT/EP2014/054795 Application No

:U.S.A.

:12/03/2014 Filing Date

(87) International

:WO 2014/140076 **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)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED

Address of Applicant: 980 Great West Road, Brentford,

Middlesex TW8 9GS UNITED KINGDOM.

(72) Name of Inventor:

1)AMANS, Dominique

2)ATKINSON, Stephen John

3)HARRISON, Lee Andrew

4) HIRST, David Jonathan

5)LAW, Robert Peter

6)LINDON, Matthew

7) PRESTON, Alexander

8) SEAL, Jonathan Thomas

9) WELLAWAY, Christopher Roland

(57) Abstract:

The present invention relates to novel compounds of formula (I), wherein R1 is C1-4alkyl; R2 is C1-4alkyl, C3-7cycloalkyl, -CH2CF3, -CH2OCH3 or heterocyclyl; R3 is C1-4alkyl, -CH2F, -CH2OH or -CH2O(O)CH3; R4 when present is as defined in claim 1; R5 when present is H, halo, hydroxy or C1-6alkoxy; A is -NH-, -O-, -SO-, -SO2-, -N(C1-4alkyl)- or -NC(O)(CH3)-; V is phenyl, heteroaromatic or pyridone any of which may be optionally substituted by 1, 2 or 3 substituents; W is CH or N; X is C or N; Y is C or N; and Z is CH or N; subject to the proviso that no more than 2 of W, X, Y and Z are N, pharmaceutical compositions containing such compounds and to their use as bromodomain inhibitors.

No. of Pages: 477 No. of Claims: 45

(21) Application No.2677/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHODS FOR PURIFYING ANTIBODIES

(51) International

:B01D15/20,B01D15/38,C07K16/00 classification

(31) Priority Document No :61/787,309 (32) Priority Date :15/03/2013 (33) Name of priority country:U.S.A.

(86) International :PCT/IB2014/059755

Application No :13/03/2014 Filing Date

(87) International Publication :WO 2014/141150

(61) Patent of Addition to

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY

(NO.2) LIMITED

Address of Applicant :980 Great West Road, Brentford

Middlesex TW89GS UNITED KINGDOM.

(72) Name of Inventor: 1)GOKLEN, Kent E. 2)SUDA, Eric J.

3) UBIERA, Antonio Raul

A method for purifying a protein comprising an antibody, antibody fragment, or immunoglobulin single variable domain, from a

solution containing at least one contaminant by superantigen chromatography comprising: a) adsorbing the protein to the superantigen immobilized on a solid support; b) removing the at least one contaminant by contacting the immobilized superantigen containing the adsorbed protein with a first wash buffer comprising an aliphatic carboxylate; and c) eluting the protein from the superantigen immobilized on the solid support.

No. of Pages: 34 No. of Claims: 40

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BINDER COMPOSITIONS AND METHODS FOR MAKING AND USING SAME

(51) International classification	:C08L 101/02 C08L9/00	(71)Name of Applicant: 1)GEORGIA-PACIFIC CHEMICALS LLC
(31) Priority Document No	:61/782,265	Address of Applicant :133 Peachtree Street NE, Atlanta,
(32) Priority Date	:14/03/2013	GEORGIA 30303 United States of America.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2014/024808	1)WILLIAMSON, Bobby, L.
Filing Date	:12/03/2014	2)SNIADY, Adam, K.
(87) International Publication No	:WO 2014/159698	3)SWIFT, Brian, L.
(61) Patent of Addition to Application	:NA	4)SRINIVASAN, Ramji
Number	:NA	5)JING, FENG
Filing Date	.IVA	6)HAGIOPOL, Cornel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Binder compositions and methods for making and using same are provided. In at least one specific embodiment, the binder composition can include at least one unsaturated compound having two or more unsaturated carbon-carbon bonds and at least one free radical precursor. At least one of the unsaturated carbon-carbon bonds can be a pi-bond that is not conjugated with an aromatic moiety and can be capable of free radical addition. The free radical precursor can be present in an amount of about 7 wt% to about 99 wt%, based on the weight of the one or more unsaturated compounds.

No. of Pages: 67 No. of Claims: 20

(21) Application No.2831/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: COATED OVERHEAD CONDUCTORS 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 	:21/02/2014 :WO 2014/133898 :NA	(71)Name of Applicant: 1)GENERAL CABLE TECHNOLOGIES CORPORATION Address of Applicant: 4 Tesseneer Drive, Highland Heights, Kentucky 41076 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)RANGANATHAN, Sathish Kumar 2)MHETAR, Vijay 3)DAVIS, Cody R. 4)SIRIPURAPU, Srinivas
(61) Patent of Addition to Application		3)DAVIS, Cody R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coated overhead conductor having an assembly including one or more conductive wires, such that the assembly includes an outer surface coated with an electrochemical deposition coating forming an outer layer, wherein the electrochemical deposition coating includes a first metal oxide, such that the first metal oxide is not aluminum oxide. Methods for making the overhead conductor are also provided.

No. of Pages: 22 No. of Claims: 45

(21) Application No.2696/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ASSEMBLY FOR A DRUG DELIVERY 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 	:A61M5/315 :13158512.7 :11/03/2013 :EPO :PCT/EP2014/054521 :10/03/2014 :WO 2014/139910 :NA :NA	(71)Name of Applicant: 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant: Brüningstraße 50, 65929 Frankfurt am Main GERMANY (72)Name of Inventor: 1)PLUMPTRE, David Aubrey 2)VEASEY, Robert Frederick
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An assembly (30) for a drug delivery device (1) is provided, the assembly (30) comprising an actuator (16) which is configured to perform a setting movement in a proximal direction in order to set a dose of a drug, and which is configured to perform a dispense movement in a distal direction in order to dispense a dose of a drug. The assembly (30) further comprises stop mechanism (40) acting after a maximum amount of a drug has been delivered, which is configured to axially constrain the setting movement of the actuator (16) such that the setting of a dose is inhibited, wherein a limited axial movement of the actuator (16) is allowed.

No. of Pages: 33 No. of Claims: 12

(21) Application No.2697/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ASSEMBLY FOR A DRUG DELIVERY 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 	:10/03/2014 :WO 2014/139909 :NA :NA :NA	(71)Name of Applicant: 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant: Brüningstraße 50, 65929 Frankfurt am Main GERMANY (72)Name of Inventor: 1)JUGL, Michael 2)TEUCHER, Axel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An assembly (30) for a drug delivery device (1) is provided, the assembly (30) comprising an actuator (16) which is configured to perform a setting movement in a proximal direction in order to set a dose of a drug, and which is configured to perform a dispense movement in a distal direction in order to dispense a dose of a drug. The assembly (30) further comprises stop mechanism (40) acting after a maximum amount of a drug has been delivered, which is configured to axially constrain the setting movement of the actuator (16) such that the setting of a dose is inhibited, wherein a limited axial movement of the actuator (16) is allowed.

No. of Pages: 32 No. of Claims: 13

(21) Application No.2698/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INCREASING SERVICE LIFE OF SCR CATALYST

(51) International alocaification	:B01D53/64	(71) Nome of Applicant
(51) International classification	.B01D33/04	(71)Name of Applicant:
(31) Priority Document No	:13/769,686	1)BABCOCK & WILCOX POWER GENERATION
(32) Priority Date	:18/02/2013	GROUP, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :20 S. Van Buren Avenue, Barberton,
(86) International Application No	:PCT/US2014/016723	OH 44203 UNITED STATES OF AMERICA.
Filing Date	:17/02/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/133810	1)GADGIL, Mandar, R.
(61) Patent of Addition to Application	:NA	2)JANKURA, Bryan, J.
Number	:NA	3)GAYHEART, Jeb, W.
1 (01110 01	:NA	S)GATHEAK1, Seb, W.
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

(57) Abstract:

The present invention relates generally to the field of emission control equipment for boilers, heaters, kilns, or other flue gas-, or combustion gas-, generating devices (e.g., those located at power plants, processing plants, etc.) and, in particular to a new and useful method and apparatus for reducing or preventing the poisoning and/or contamination of an SCR catalyst. In still another embodiment, the present invention relates to a method and apparatus for increasing the service life and/or catalytic activity of an SCR catalyst while simultaneously controlling various emissions. In yet another embodiment, the present invention relates to a method and apparatus for controlling, mitigating and/or reducing the amount of selenium contained in and/or emitted by one or more pieces of emission control equipment for boilers, heaters, kilns, or other flue gas-, or combustion gas-, generating devices (e.g., those located at power plants, processing plants, etc.).

No. of Pages: 55 No. of Claims: 26

(21) Application No.2699/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: GEL-TYPE COSMETIC COMPOSITION

(51) International classification :A61K8/26,A61Q1/02,A61K8/73 (71)Name of Applicant:

(31) Priority Document No :13 00430 (32) Priority Date :25/02/2013

(33) Name of priority country :France

(86) International Application :PCT/IB2014/059239 No

:25/02/2014 Filing Date

(87) International Publication No:WO 2014/128679

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)L'OREAL

Address of Applicant: 14 rue Royale, F-75008 Paris FRANCE

(72)Name of Inventor: 1)VALVERDE, Elodie 2) FERRARI, Véronique

3) CASSIN, Guillaume 4)STYCZEN, Patrice

(57) Abstract:

The present invention relates to a cosmetic composition for making up and/or caring for keratin materials, in particular the skin and/or the lips, comprising: -at least one aqueous phase gelled with at least one polymeric gelling agent that is natural or of natural origin; and -at least one oily phase gelled with at least one lipophilic gelling agent chosen from particulate gelling agents, organopolysiloxane elastomers, semi-crystalline polymers and dextrin esters, and mixtures thereof; the said phases forming therein a macroscopically homogeneous mixture.

No. of Pages: 81 No. of Claims: 23

(22) Date of filing of Application :28/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL BACTERIOPHAGE AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2013-0021501 :27/02/2013 :Republic of Korea	(71)Name of Applicant: 1)CJ CHEILJEDANG CORPORATION Address of Applicant: CJ Cheiljedang Center, 330, Dongho-ro, Jung-gu, Seoul 100-400 REPUBLIC OF KOREA (72)Name of Inventor: 1)SEO, Hyo Seel 2)SHIN, Eun Mi 3)BAE, Gi Duk 4)KIM, Jae Won
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(57) Abstract:

Provided is a novel bacteriophage Φ CJ23 (KCCM11365P). In addition, the present invention relates to an antibacterial composition including the bacteriophage Φ CJ23 (KCCM11365P) as an active ingredient. Further, provided is a method of preventing and/or treating infectious diseases by avian pathogenic Escherichia coli(APEC) in birds using the bacteriophage Φ CJ23(KCCM11365P) or the antibacterial composition containing the bacteriophage Φ CJ23(KCCM11365P) as an active ingredient.

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

(21) Application No.2703/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HOSE

(51) International classification: F16L11/04,B32B1/08,B32B25/14 (71) Name of Applicant:

:05/03/2014

:2013-064438 (31) Priority Document No (32) Priority Date :26/03/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/055564

Filing Date

(87) International Publication :WO 2014/156517

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

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

(57) Abstract:

1)SUMITOMO RIKO COMPANY LIMITED

Address of Applicant: 1, Higashi 3-chome, Komaki-shi, Aichi

4858550 JAPAN

(72) Name of Inventor:

1)KANBE Shinobu

2)NAGAHARA Atsushi

3)NISHIDA Hiroshi

The present invention is a hose provided with an inner-surface rubber layer (1) and an outermost layer (5) provided with an intermediate rubber layer (3) interposed between the outermost layer (5) and the outer periphery of the inner-surface rubber layer (1), wherein the outermost layer (5) comprises a rubber composition (α), and a component (C) is unevenly distributed in a component (B). The rubber composition (a) comprises a non-halogen material, and consequently, the hose exhibits excellent bending-fatigue resistance and ozone resistance, in addition to of course having a reduced impact on the environment. (α) Containing the components (A)-(D), wherein: the content ratio ((A)/(B)) of the component (A) and the component (B), on a weight basis, is within the range of 75/25 to 25/75 ((A)/(B)); and the component (A) and the component (B) are in an immiscible state. (A) An ethylene-propylene-diene rubber. (B) A diene rubber which is not the component (A). (C) Carbon black for which the value obtained by subtracting the weight loss on heating from the volatile matter content is 0.4 wt% or higher. (D) Process oil having an aniline point of 100°C or lower.

No. of Pages: 43 No. of Claims: 6

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :17/08/2015

(21) Application No.2704/KOLNP/2015 A

(43) Publication Date: 12/02/2016

(54) Title of the invention: CONTACT ELEMENT

(51) International classification :H01R4/48,H01R13/187 (71)Name of Applicant : (31) Priority Document No 1)MULTI-HOLDING AG :13159718.9 (32) Priority Date Address of Applicant :Stockbrunnenrain 8, CH-4123 :18/03/2013 (33) Name of priority country Allschwil SWITZERLAND :EPO (86) International Application No :PCT/EP2014/054344 (72) Name of Inventor: Filing Date :06/03/2014 1)STURGESS, Mark (87) International Publication No :WO 2014/146905 2)BLUMENROTH, Falk (61) Patent of Addition to Application 3)LEDERMANN, Tom :NA Number 4)WIRZ, Lucas :NA

Filing Date

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

(57) Abstract:

(19) INDIA

A contact element (1) comprises at least two strips (2, 3) which extend parallel to one another and in a longitudinal axis (L), and a row of webs (14), which are arranged between the strips (2, 3) and are contiguous with the strips (2, 3), wherein the webs (14) are connected resiliently to one of the strips (2, 3) via a first torsion section (4) and to another of the strips (2, 3) via a second torsion section (5) and are inclined with respect to the strips (2, 3) in the deformed state, with the result that a first contact section (6) extends above the strip and a second contact section (7) extends below the strip (2, 3), wherein the webs (14) each have a front web rim (8) and a rear web rim (9), which front web rim (8) has a bulge (10), and which rear web rim (9) has an indentation (11), which fits or is complementary to the bulge (10) of a directly adjacent web rim, wherein the bulge (10) provides said front contact section (6), and wherein the webs (14), to the side of the indentation (11), have two rear web sections (13), which provide the second contact section (7). Furthermore, the front web rim (8) and the rear web rim (9) extend from the first torsion section (4) as far as to the second torsion section (5), and the front web rim (8) and the rear web rim (9) of two directly adjacent webs (14) touch one another in the undeformed state over their entire length, in particular at least approximately.

No. of Pages: 36 No. of Claims: 19

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

(21) Application No.2857/KOLNP/2015 A

(43) Publication Date: 12/02/2016

(54) Title of the invention: DIGITAL RIGHTS MANAGEMENT ENGINE SYSTEMS AND METHODS

(51) International classification	:G06F 21/00	(71)Name of Applicant:
(31) Priority Document No	:60/728089	1)INTERTRUST TECHNOLOGIES CORPORATION
(32) Priority Date	:18/10/2005	Address of Applicant :955 STEWART DRIVE,
(33) Name of priority country	:U.S.A.	SUNNYVALE, CA 94085-3913 UNITED STATES OF
(86) International Application No	:PCT/US2006/040898	AMERICA.
Filing Date	:18/10/2006	(72)Name of Inventor:
(87) International Publication No	:WO/2007/047846	1)BOCCON-GIBOD, GILLES
(61) Patent of Addition to Application	:NA	2)BOEUF, JULIEN, G
Number	:NA	3)MENENTE, MICHAEL, G.
Filing Date	.IVA	4)BRADLEY, WILLIAM, B.
(62) Divisional to Application Number	:1969/KOLNP/2008	
Filed on	:15/05/2008	

(57) Abstract:

(19) INDIA

Systems and methods are described for performing digital rights management. In one embodiment, a digital rights management engine is provided that evaluates license associated with protected content to determine if a requested access or other use of the content is authorized. In some embodiments, the licenses contain control programs that are executable by the digital rights management engine.

No. of Pages: 297 No. of Claims: 72

(21) Application No.2858/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BEARING COMPONENTS AND ROLLING BEARING

(51) International classification (31) Priority Document No (2013-025459 (32) Priority Date (33) Name of priority country (34) Name of priority country (35) International classification (2013-025459 (71) Name of Applicant (71) Na

(86) International Application No:PCT/JP2014/052447
Filing Date :03/02/2014

(87) International Publication No: WO 2014/125952

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

1)NTN CORPORATION
Address of Applicant :3-17, Kyomachibori 1-chome, Nishi-ku,
Osaka-shi, Osaka 5500003 JAPAN

(72)Name of Inventor: 1)OHKI, Chikara

(57) Abstract:

Filing Date

Bearing outer race (10), inner race (11) and ball (12) components satisfying JIS standard SUJ2, and having a carbonitride layer formed on the surfaces thereof, wherein after heat-treating for an interval of one hour at a heating temperature of 500°C, the Vickers hardness at a depth located 0.02T+0.175mm from the surface, given that the carbonitriding treatment interval for forming the carbonitride layer is the interval (T), is at least 80HV higher than the Vickers hardness in the core section in the thickness direction of the bearing components, a region where the carbonitride layer is not formed.

No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NEEDLELESS CONNECTOR WITH REDUCED TRAPPED VOLUME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:A61M39/26 :13/801,422 :13/03/2013 :U.S.A. :PCT/US2014/017480 :20/02/2014 :WO 2014/143520 :NA :NA	(71)Name of Applicant: 1)CAREFUSION 303, INC. Address of Applicant:3750 Torrey View Court, San Diego, California 92130 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)ZOLLINGER, Christopher J. 2)MANSOUR, George Michel 3)PANIAN, Tyler Devin 4)YEH, Jonathan
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(57) Abstract:

A female connector has a body with an internal cavity having a port and an internal surface. A collapsible valve is disposed within the internal cavity. The valve has a head with an external surface, wherein the head is in sealing contact with the internal surface of the internal cavity at a first location separated from the port so as to create a primary seal and at a second location proximate to the port so as to form a secondary seal when the female connector is not mated with a compatible male connector. The valve also has a neck coupled to the head proximal to the primary seal. The neck has a smiley cut. The valve also has a base portion coupled to the neck proximal to the smiley cut.

No. of Pages: 19 No. of Claims: 23

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MODIFIED CONJUGATED DIENE POLYMER AND PROCESS FOR PRODUCING THEREOF

(51) International classification:C08C19/25(31) Priority Document No:2006-201248(32) Priority Date:24/07/2006(33) Name of priority country:Japan

(86) International Application No :PCT/JP2007/064230 Filing Date :19/07/2007

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

(62) Divisional to Application Number :82/KOLNP/2009 Filed on :07/01/2009 (71)Name of Applicant:

1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1-105 KANDA-JINBOCHO,

CHIYODA-KU TOKIO 101-8101, JAPAN

:PCT/JP2007/064230 (72)Name of Inventor : :19/07/2007 1)RYOKA FUKUOKA, : NA 2)HARUO YAMADA, 3)NORIFUSA ISHIMURA

(57) Abstract:

Disclosed is a modified conjugated diene polymer wherein a modifying group derived from a low molecular weight compound having two or more tertiary amino groups and one or more alkoxysilyl groups in a molecule is bonded to a conjugated diene polymer obtained by polymerizing a conjugated diene compound or to a conjugated diene polymer obtained by copolymerizing a conjugated diene compound and an aromatic vinyl compound. Also disclosed is a method for producing the modified conjugated diene polymer which is characterized in that after polymerizing a conjugated diene compound or copolymerizing a conjugated diene compound and an aromatic vinyl compound in a hydrocarbon solvent using an alkali metal initiator and/or an alkaline earth metal initiator, an active end of the thus-obtained polymer is reacted with a low molecular weight compound having two or more tertiary amino groups and one or more alkoxysilyl groups in a molecule.

No. of Pages: 70 No. of Claims: 7

(21) Application No.2901/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: APPARATUS AND METHOD FOR LABELLING PRODUCTS

(51) International classification :B65C9/00,B65C9/18,B65C9/30 (71)Name of Applicant :

(31) Priority Document No :P201300148 (32) Priority Date :05/02/2013

(33) Name of priority country :Spain

(86) International Application No: PCT/ES2014/070075

Filing Date :04/02/2014 (87) International Publication No: WO 2014/122347

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

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

1)BERNAT VILAR Vicente José

Address of Applicant: Avenida Almazora, 89-séptimo T, E-

12005 Castellón de la Plana (Castellón) SPAIN

(72)Name of Inventor:

1)BERNAT VILAR, Vicente José

(57) Abstract:

The invention can be used for the labelling of fruit and other objects. It comprises a labelling device and a feed device for a belt bearing a series of labels. The labelling device comprises an angled leg to which is coupled part of the belt having a belt-advance branch with labels and a return branch without labels, the labels having been detached in a forward region in front of the point at which the two branches meet. The labelling device can bend each label before it is detached from the belt and prior to being stuck on the product. To that end, the labelling device has characteristic means for bending the labels, including a rotary module associated with an encoder.

No. of Pages: 24 No. of Claims: 10

:NA

(19) INDIA

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENDOPROSTHESIS FOR THE PARTIAL REPLACEMENT OF THE HUMAN PELVIC BONE

(51) International classification :A61F2/30,A61F2/34,A61B17/80 (71) Name of Applicant: 1)WALDEMAR LINK GMBH & CO. KG (31) Priority Document No :13154638.4 (32) Priority Date :08/02/2013 Address of Applicant: Barkhausenweg 10 22339 Hamburg (33) Name of priority country :EPO **GERMANY** (86) International Application (72) Name of Inventor: :PCT/EP2014/050798 1)LINK, Helmut D. :16/01/2014 Filing Date (87) International Publication :WO 2014/121994 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

Disclosed is an endoprosthesis for the partial replacement of the human pelvic bone (B) in the region of the acetabulum and of the ilium (II), by means of which a single prosthesis can provide a bone replacement and stabilisation both in the region of the acetabulum and in defective sections of the ilium (II), which prosthesis is therefore suitable for restoring stability and viability of this part of the skeleton with one single piece, even for serious bone defects in the pelvic region, and for maintaining or for reshaping articulation and mobility in this region. To this end, an endoprosthesis is provided with a first section (23), which has a first partially spherical recess (22) that serves as a replacement for the acetabulum, and with a second section (24) for the contact elements on the ilium (II), characterised in that the second section (24) extends from the first section (23) along the edge of the first partially spherical recess (22) in a flattened manner and is integrally connected to the first section (23), and in that a second partially spherical recess (25) is provided in the second section (24).

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

(21) Application No.2926/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: UNDERDRAIN ASSEMBLY

(51) International classification: B01D24/12,B01D29/00,E03F1/00 (71) Name of Applicant:

(31) Priority Document No :61/765,375 (32) Priority Date :15/02/2013

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

(86) International Application :PCT/US2014/016464

No

:14/02/2014 Filing Date

(87) International Publication

:WO 2014/127226 (61) Patent of Addition to

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

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

(57) Abstract:

1)EKHOLM, Michael Richard

Address of Applicant: 1623 West 32nd Street, Minneapolis,

Minnesota 55408 UNITED STATES OF AMERICA.

2)MAXSON, Richard Charles 3) WATSON, Mark Edgar

4)COURAGEOT, Fabrice Jean Alphonse

(72)Name of Inventor:

1)EKHOLM, Michael Richard 2)MAXSON, Richard Charles 3)WATSON, Mark Edgar

4) COURAGEOT, Fabrice Jean Alphonse

An underdrain assembly for filtering particulates from a fluid having an upper structure connected to a bottom plate. At least one flow control vane is positioned between the upper structure and the bottom plate for directing and managing fluid flow through the assembly. The upper structure can have first and second filtration members, the second filtration member positioned between the first filtration member and the bottom plate. The second filtration member can have a shape that restricts fluid flow within the underdrain. The underdrain can have air and water inlets. The water inlet can have an end with a plate covering an upper portion thereof. The end can also include an opening having an angular cut forming an angle with respect to a longitudinal axis of the water inlet. Thus arranged, air is prevented from migrating out the water line. A resilient mounting arrangement for the underdrain is also disclosed.

No. of Pages: 58 No. of Claims: 50

(21) Application No.2927/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPELLER MIXER FOR ELECTRODE SLURRY

(51) International classification	:B01F7/00,H01M4/04	(71)Name of Applicant:
(31) Priority Document No	:10-2013-0103628	1)LG CHEM, LTD.
(32) Priority Date	:30/08/2013	Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu,
(33) Name of priority country	:Republic of Korea	Seoul 150-721 REPUBLIC OF KOREA+
(86) International Application No	:PCT/KR2014/007636	
Filing Date	:18/08/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2015/030406	1)KIM, Hyuk Su
(61) Patent of Addition to Application	:NA	2)KU, Dae Geun
Number		3)HUH, Jun Woo
Filing Date	:NA	4)LEE, Hyang Mok
(62) Divisional to Application Number	:NA	5)AHN, Chang Bum
Filing Date	:NA	

(57) Abstract:

The present invention relates to an impeller mixer for electrode slurry and, particularly, to an impeller mixer for electrode slurry comprises: a container (100) filled with raw materials of electrode slurry; an impeller (110) which has multiple layers having different shapes so as to be rotationally provided inside the container (100), and which mixes the raw materials of the electrode slurry; and a driving unit (120) which is provided on the lower part of the container (100) and is connected to the impeller (110) through a coupling shaft formed upwardly so as to rotate the impeller (110). Thus, the raw materials of the electrode slurry can be efficiently dispersed in a short time by the multi-layered impeller (110) which rotates at a high speed, and at the same time, uniform mixing is enabled so as to improve work efficiency.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTRODE ARRAY AND METHOD OF PLACEMENT

(51) International classification	:A61B5/0478	(71)Name of Applicant:
(31) Priority Document No	:13/790,149	1)BRAINSCOPE COMPANY, INC.
(32) Priority Date	:08/03/2013	Address of Applicant :4350 East West Highway, Suite 1050,
(33) Name of priority country	:U.S.A.	Bethesda, MD 20814-4481 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/015721	(72)Name of Inventor:
Filing Date	:11/02/2014	1)MACHON, Lukasz, W.
(87) International Publication No	:WO 2014/137549	2)ROTHMAN, Neil, S.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A headset for detecting brain electrical activity may include a flexible substrate having first and second ends each configured to engage an ear of a subject and dimensioned to fit across the forehead of a subject. The headset may also include a plurality of electrodes disposed on the substrate and configured to contact the subject when the headset is positioned on the subject. First and second electrodes may contact top center and lower center regions of the forehead, respectively, third and fourth electrodes may contact front right and front left regions of the forehead, respectively, fifth and sixth electrodes may contact right side and left side regions of the forehead, respectively, and electrodes included within the securing devices may contact the ear regions. The third and fourth electrodes may be moveable in at least a vertical direction relative to the other electrodes.

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

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : USER EQUIPMENT GROUPING AND COMMON CONTROL SIGNALING TO USER EQUIPMENT GROUPS

(51) International classification	:G06F11/00	(71)Name of Applicant:
(31) Priority Document No	:61/794,008	1)ZTE WISTRON TELECOM AB
(32) Priority Date	:15/03/2013	Address of Applicant :Kista Science Tower, 19tr., Farogatan
(33) Name of priority country	:U.S.A.	33, S-164 51 Kista SWEDEN
(86) International Application No	:PCT/US2014/026304	2)ZTE (TX) INC.
Filing Date	:13/03/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/151717	1)SCHIER, Thorsten
(61) Patent of Addition to Application	:NA	2)SVEDMAN, Patrick
Number		3)CAO, Aijun
Filing Date	:NA	4)GAO, Yonghong
(62) Divisional to Application Number	:NA	5)JOHANSSON, Jan
Filing Date	:NA	6)HADJISKI, Bojidar

(57) Abstract:

A cellular telecommunications system and method of scheduling a group of user equipments is provided. The system includes a macro cell with a macro base station and multiple associated low power nodes (LPNs). The macro base station and the LPNs share the same cell ID. The system and method provide for scheduling a group of UEs by grouping a plurality of the UEs together, assigning a group identifier to the group, notifying the group and encoding a control channel with the group identifier. A single control channel is delivered to each UE in the group of UEs. The UEs of the group of UEs may be processed by different LPNs. The transmitted control channel may be included in a DCI (downlink control information) and delivers uplink scheduling grants to the UEs. Based on the transmitted control channel, the UEs are scheduled for uplink transmission.

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

(21) Application No.2637/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 11/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: EFFICIENT PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS

(51) International :C12P15/00,C07K14/395,C12N9/10 classification

(31) Priority Document No :61/763,308 (32) Priority Date :11/02/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/EP2014/052675

:11/02/2014

Filing Date

(87) International Publication :WO 2014/122328

(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)EVOLVA SA

Address of Applicant: Duggingerstrasse 23, CH-4153 Reinach

SWITZERLAND 2)SIMON, Ernesto

3)ANDERSEN, Iben Nordmark 4)MIKKELSEN, Michael Dalgaard

5) HANSEN, Jorgen 6)DOUCHIN, Veronique (72)Name of Inventor: 1)SIMON, Ernesto

2)ANDERSEN, Iben Nordmark 3)MIKKELSEN, Michael Dalgaard

4)HANSEN, Jorgen 5)DOUCHIN, Veronique

Recombinant microorganisms are disclosed that produce steviol glycosides and have altered expression of one or more endogenous transporter or transcription factor genes, or that overexpress one or more heterologous transporters, leading to increased excretionofsteviol glycosides ofinterest.

No. of Pages: 104 No. of Claims: 36

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : ADAPTIVE-NOISE CANCELING (ANC) EFFECTIVENESS ESTIMATION AND CORRECTION IN A PERSONAL AUDIO DEVICE

(51) International classification (71)Name of Applicant: :G10K11/178 (31) Priority Document No 1)CIRRUS LOGIC, INC. :61/779,266 (32) Priority Date Address of Applicant: 800 W 6th St, Austin, TX 78701 :13/03/2013 (33) Name of priority country UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2014/016824 (72)Name of Inventor : Filing Date :18/02/2014 1)LI, Ning (87) International Publication No :WO 2014/158446 2) MILLER, Antonio John (61) Patent of Addition to Application 3)HENDRIX, Jon D. :NA Number 4)SU, Jie :NA Filing Date 5)ALDERSON, Jeffrey (62) Divisional to Application Number :NA 6)ABDOLLAHZADEH MILANI, Ali Filing Date :NA

(57) Abstract:

Techniques for estimating adaptive noise canceling (ANC) performance in a personal audio device, such as a wireless telephone, provide robustness of operation by triggering corrective action when ANC performance is low, and/or by saving a state of the ANC system when ANC performance is high. An anti-noise signal is generated from a reference microphone signal and is provided to an output transducer along with program audio. A measure of ANC gain is determined by computing a ratio of a first indication of magnitude of an error microphone signal that provides a measure of the ambient sounds and program audio heard by the listener including the effects of the anti-noise, to a second indication of magnitude of the error microphone signal without the effects of the anti-noise. The ratio can be determined for different frequency bands in order to determine whether particular adaptive filters are trained properly.

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

(21) Application No.2951/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : COMPOUND SEMICONDUCTOR PHOTOVOLTAIC CELL AND MANUFACTURING METHOD OF THE SAME

:H01L31/0687,H01L31/0693 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)RICOH COMPANY, LTD. :2013-052519 (32) Priority Date Address of Applicant: 3-6, Nakamagome 1-chome, Ohta-ku, :14/03/2013 (33) Name of priority country Tokyo, 1438555 JAPAN :Japan (86) International Application No :PCT/JP2014/057424 (72) Name of Inventor: Filing Date :12/03/2014 1)SATO, Shunichi (87) International Publication No :WO 2014/142340 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A compound semiconductor photovoltaic cell includes a compound semiconductor substrate; one or more first photoelectric conversion cells deposited on the compound semiconductor substrate; a bonding layer deposited on the one or more first photoelectric conversion cells; and one or more second photoelectric conversion cells bonded to the one or more first photoelectric conversion cells via the bonding layer, and disposed on a light incident side of the one or more first photoelectric conversion cells in a light incident direction. Further, band gaps of the first and the second photoelectric conversion cells decrease as the first and the second photoelectric conversion cells approach from the light incident side toward a back side in the light incident direction, and when there is one second photoelectric conversion cells, a band gap of the bonding layer is greater than or equal to a band gap of the second photoelectric conversion cell.

No. of Pages: 149 No. of Claims: 21

(21) Application No.2952/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONSTITUTIVE SOYBEAN PROMOTERS

(51) International classification :C07K14/415,C
(31) Priority Document No :61/790,907
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/023291

Filing Date :11/03/2014 (87) International Publication No :WO 2014/150449

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

:C07K14/415,C12N15/82 (71)Name of Applicant :

1)BAYER CROPSCIENCE LP

Address of Applicant :2 T.w. Alexander Drive, P.o. Box 12014, Research Triangle Park, NC 27709 UNITED STATES OF

AMERICA.

(72)Name of Inventor: 1)ZHANG, Shirong

(57) Abstract:

The present invention provides compositions and methods for regulating expression of heterologous nucleotide sequences in a plant. Compositions include two novel promoter nucleotide sequences for the genes encoding gamma tonoplast intrinsic protein and plasma membrane intrinsic protein in soybean, as well as vectors, microorganisms, plants and plant cells comprising the promoter nucleotide sequences, or variants and fragments thereof. Methods for expressing a heterologous nucleotide sequence in a plant using the promoter sequences disclosed herein are also provided. The methods comprise stably incorporating into the genome of a plant cell a nucleotide sequence operably linked to the promoter of the present invention and regenerating a stably transformed plant that expresses the nucleotide sequence.

No. of Pages: 45 No. of Claims: 20

(21) Application No.2634/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 11/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LOW-LATENCY MULTI-DRIVER ADAPTIVE NOISE CANCELING (ANC) SYSTEM FOR A PERSONAL AUDIO DEVICE

(51) International :G10K11/178,H04R3/12,H04R1/10 classification

:61/783,267 (31) Priority Document No (32) Priority Date :14/03/2013

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

(86) International Application :PCT/US2014/016833

No :18/02/2014 Filing Date

(87) International Publication :WO 2014/158449

(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)CIRRUS LOGIC, INC.

Address of Applicant: 800 W 6th St., Austin, TX 78701

UNITED STATES OF AMERICA.

(72) Name of Inventor: 1) HENDRIX, Jon, D.

2)ALDERSON, Jeffrey

3) ABDOLLAHZADEH, Milani, Ali

4)ZHOU, Dayong 5)LU, Yang

(57) Abstract:

A personal audio device including multiple output transducers for reproducing different frequency bands of a source audio signal, includes an adaptive noise canceling (ANC) circuit that adaptively generates an anti-noise signal for each of the transducers from at least one microphone signal that measures the ambient audio to generate anti-noise signals. The anti-noise signals are generated by separate adaptive filters such that the anti-noise signals cause substantial cancelation of the ambient audio at their corresponding transducers. The use of separate adaptive filters provides low-latency operation, since a crossover is not needed to split the anti-noise into the appropriate frequency bands. The adaptive filters can be implemented or biased to generate anti-noise only in the frequency band corresponding to the particular adaptive filter. The anti-noise signals are combined with source audio of the appropriate frequency band to provide outputs for the corresponding transducers.

No. of Pages: 37 No. of Claims: 30

(21) Application No.2635/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 12/02/2016

:NA

(54) Title of the invention: INJECTION DEVICE

:A61M5/315,A61M5/20 (71)Name of Applicant : (51) International classification (31) Priority Document No :13163066.7 1)SANOFI (32) Priority Date :10/04/2013 Address of Applicant: 54 rue La Boétie, F-75008 Paris (33) Name of priority country :EPO **FRANCE** (86) International Application No :PCT/EP2014/056968 (72) Name of Inventor: Filing Date :08/04/2014 1)MORRIS, Anthony Paul (87) International Publication No :WO 2014/166890 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The invention refers to a handheld injection device comprising a housing (10; 340) containing a cartridge (20), a dose setting means (60, 70; 350) being operable in a first direction to set a desired dose to be dispensed, a piston rod (30) being adapted to cooperate with a piston so as to cause a set dose to be injected from the cartridge (20), and a first clicker component (100; 320), which is largely rotationally constrained to the housing (10; 340), and a second clicker component (80; 300), which is rotatable relative to the housing (10; 340) during dose dispensing. The clicker components (80, 100; 300, 320) are adapted to contact each other only at the end of dispensing of a set dose to thereby provide an audible and/or tactile first feedback to a user. The first clicker component (100; 320) is displaceable relative to the housing (10; 340) between a proximal dose setting position and a distal dose dispensing position.

No. of Pages: 35 No. of Claims: 15

(21) Application No.2636/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 11/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DISPENSING SPEED CONTROL MECHANISM AND INJECTION DEVICE

(51) International :A61M5/315,A61M5/20,A61M5/48 classification

(31) Priority Document No :13163068.3 (32) Priority Date :10/04/2013

(33) Name of priority country: EPO

(86) International Application :PCT/EP2014/056969

:08/04/2014 Filing Date

(87) International Publication

:WO 2014/166891 No

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

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

Number :NA Filing Date

(71)Name of Applicant:

1)SANOFI

Address of Applicant: 54 rue La Boétie, F-75008 Paris

FRANCE

(72) Name of Inventor:

1)MORRIS, Anthony Paul

(57) Abstract:

The invention refers to a dispensing speed control mechanism for use in an injection device having a release button (71), which is displaceable to initiate dispensing of a set dose, a first component part (42), which is driven by a power reservoir (90) during dose dispensing, and a second component part (12), which is stationary during dose dispensing. The speed control mechanism comprises friction means (120) for retarding the first component part (42) during dose dispensing depending on the position of the release button (71). Further, the invention refers to a handheld injection device with such a speed control mechanism.

No. of Pages: 33 No. of Claims: 12

(21) Application No.2946/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ACTUATOR UNIT

(51) International classification: F15B15/14,B61F5/24,F15B11/08 (71) Name of Applicant:

:15/01/2014

:WO 2014/125854

(31) Priority Document No :2013-027243 (32) Priority Date :15/02/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/050506

Filing Date

No

(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)KAYABA INDUSTRY CO., LTD. Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN

(72)Name of Inventor: 1)Takayuki OGAWA

This actuator unit is equipped with: a rod-side chamber and a piston-side chamber delimited by a piston inside a cylinder; a tank; a direction-control valve which makes it possible to selectively supply a working fluid discharged from a pump to the rod-side chamber and to the piston-side chamber; a first variable relief valve which is provided in a first control channel for connecting the rod-side chamber and the tank, allows the flow of the working fluid heading to the tank from the rod-side chamber by opening when the pressure from the rod-side chamber reaches a valve-opening pressure, and is capable of varying the valve-opening pressure; a second variable relief valve which is provided in a second control channel for connecting the piston-side chamber and the tank, allows the flow of the working fluid heading to the tank from the piston-side chamber by opening when the pressure from the piston-side chamber reaches a valve-opening pressure, and is capable of varying the valve-opening pressure; and a center channel for connecting the tank to the interior of the cylinder.

No. of Pages: 27 No. of Claims: 5

(21) Application No.2966/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD AND PROGRAM

(51) International classification :G06F13/00 (71)Name of Applicant: (31) Priority Document No 1)RICOH COMPANY, LTD. :2013-052800 (32) Priority Date Address of Applicant: 3-6, Nakamagome 1-chome, Ohta-ku, :15/03/2013 (33) Name of priority country Tokyo, 1438555 JAPAN :Japan (86) International Application No :PCT/JP2014/057423 (72) Name of Inventor : Filing Date :12/03/2014 1)SHIMOMOTO, Ryo (87) International Publication No :WO 2014/142339 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An information processing system includes a relay device and first and second information processing devices. The relay device includes a reception unit that receives from a communication terminal a process request indicating first and second processes; and a terminal request transmission unit that sends the process request to the first information processing device in response to a first request, and sends an execution result of the first process and the process request to the second information processing device in response to a second request. The first information processing device includes a first process control unit that controls to execute the first process according to the process request; and a transmission unit that sends the execution result and the process request. The second information processing device includes a second process control unit that controls to execute the second process based on the execution result according to the process request.

No. of Pages: 121 No. of Claims: 16

(21) Application No.2967/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: FRACTIONAL TURN COIL WINDING

(51) International classification :H05B6/36,H01J37/32,H01F5/00 (71)Name of Applicant:

(31) Priority Document No :61/763,281 (32) Priority Date :11/02/2013

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

(86) International Application

No Filing Date :PCT/US2014/015883 :11/02/2014

(87) International Publication No:WO 2014/124465

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) THE REGENTS OF THE UNIVERSITY OF

CALIFORNIA

Address of Applicant: 1111 Franklin Street, 12th Floor, Oakland, California 94607 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)MOREHOUSE, Mark

2) GARATE, Eusebio

(57) Abstract:

Systems and methods for multiplying the loop voltage of a coil having one or more turns using multiple coil sections to multiply the loop voltage by a factor equal to the number of coil arc sections. The systems and methods for producing fractional turn windings comprise splitting the initial feed line from the capacitor by as many times as the desired total multiple of the voltage in the capacitor, and applying the feeds to the respective fractional turns or arc sections of the coil.

No. of Pages: 20 No. of Claims: 27

(21) Application No.2968/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: JET REGULATOR COMPRISING AN IMPINGEMENT SURFACE HAVING RING WALLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:E03C1/084,G05D7/01 :20 2013 002 282.5 :11/03/2013 :Germany :PCT/EP2014/000343 :07/02/2014 :WO 2014/139618 :NA :NA :NA	(71)Name of Applicant: 1)NEOPERL GMBH Address of Applicant:Klosterrunsstr. 11, 79379 Müllheim GERMANY (72)Name of Inventor: 1)TEMPEL, Marc
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(57) Abstract:

A jet regulator (1), having a perforated plate (5) arranged inside the jet controller and flow-through holes (6) extending through the perforated plate for dividing the water flowing through, comprises a central, hole-free impingement surface (14) on the perforated plate (5), which hole-free impingement surface is surrounded by a first ring wall (15), which has passage openings (16) that are oriented in a radial direction and extend through the first annular wall, wherein a respective flow-through hole (6), which extends through the perforated plate (5) and is connected to the respective passage opening (16), is provided on the side of each passage opening (16) arranged in the impingement surface plane. The ring wall (15) is surrounded by an annular ring chamber (29) on the outer circumferential side. A flow regulator (30) or a throttling device (300) is provided in front of the impingement surface (14) in the flow direction of the water, whereby the water consumption is restricted and/or the water flow rate becomes largely independent of the particular water pressure. Furthermore, a second ring wall (33), which has a smaller diameter than the first ring wall and is arranged at a distance from the first ring wall, is provided coaxially and concentrically to the first ring wall (15), which second ring wall has radial passage openings (34) arranged at a distance above the impingement surface (14), through which radial passage openings the water has access to the first ring wall (15) and to the passage openings (16) of the first ring wall and thus to the flow-through holes (6). By means of this combination, the water flow rate through the jet regulator becomes practically independent of the water pressure upstream of the jet regulator (1).

No. of Pages: 29 No. of Claims: 22

(21) Application No.2671/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: UV-ABSORBERS FOR OPHTHALMIC LENS MATERIALS

(51) International classification	:C07D249/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NOVARTIS AG
(32) Priority Date	:NA	Address of Applicant :Lichtstrasse 35, CH-4056 Basel
(33) Name of priority country	:NA	SWITZERLAND
(86) International Application No	:PCT/US2013/069998	(72)Name of Inventor:
Filing Date	:14/11/2013	1)LAREDO, Walter, R.
(87) International Publication No	:WO 2015/072991	2)JINKERSON, David, L.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

UV absorbing compounds that are effective in blocking UV and short- wavelength blue light are disclosed. The UV absorbing compounds are particularly suitable for use in intraocular lens materials.

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

(21) Application No.2672/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS

(51) International :A61K31/18,C07D307/64,A61P9/04 classification

(31) Priority Document No :61/754,237 (32) Priority Date :18/01/2013

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

(86) International Application: PCT/US2014/012089

:17/01/2014

Filing Date (87) International Publication :WO 2014/113700

(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) CARDIOXYL PHARMACEUTICALS, INC. Address of Applicant : Suite 212, 1450 Raleigh Road,

Exchange East, Chapel Hill, North Carolina 27517 UNITED

STATES OF AMERICA. (72) Name of Inventor:

1)KALISH, Vincent Jacob

2) REARDON, John

3)BROOKFIELD, Frederick Arthur 4) COURTNEY, Stephen Martin

5)FROST, Lisa Marie

6)TOSCANO, John, P.

(57) Abstract:

The present disclosure provides nitroxyl donating pharmaceutical compositions comprising N-substituted hydroxylamine derivatives. The compositions are highly efficacious in treating cardiovascular diseases (e.g., heart failure), have a suitable toxicological profile, and are sufficiently stable for intravenous or oral administration.

No. of Pages: 168 No. of Claims: 71

(21) Application No.2673/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A METHOD OF MAKING HIGHLY FUNCTIONAL, LOW VISCOSITY KRAFT FIBER USING AN ACIDIC BLEACHING SEQUENCE AND A FIBER MADE BY THE PROCESS

(51) International classification :D21C3/02,D21C9/10,D21C9/14 (71) Name of Applicant:

(31) Priority Document No :61/785,075 (32) Priority Date :14/03/2013

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

(86) International Application No:PCT/IB2014/000993 Filing Date :24/02/2014

(87) International Publication No: WO 2014/140852

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)GP CELLULOSE GMBH

Address of Applicant: Grafenauweg 4, CH-6300 Zug

SWITZERLAND

(72) Name of Inventor:

1)NONNI, Arthur, J.

2) COURCHENE, Charles, E.

(57) Abstract:

A pulp fiber with an enhanced carbonyl content resulting in improved antimicrobial, anti-yellowing and absorptive properties. Methods for making the kraft pulp fiber and products made from it are also described.

No. of Pages: 39 No. of Claims: 26

(21) Application No.2674/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FITTING CLOSING DEVICE AND FITTING ACTUATING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16K31/04,F03G1/00 :10 2013 003 810.3 :05/03/2013 :Germany :PCT/EP2014/000558 :05/03/2014 :WO 2014/135274 :NA :NA	(71)Name of Applicant: 1)AUMA RIESTER GMBH & CO. KG Address of Applicant: Aumastraße 1, 79379 Müllheim GERMANY (72)Name of Inventor: 1)HOFMANN, Benjamin 2)PLATZER, Wilfried
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

For a fitting closing device (8), comprising an output shaft (9) for connecting a fitting (3) and an input shaft (10) for connecting an actuating drive (2), it is proposed that an emergency drive (11) for driving the output shaft (9) in the event of a mains power failure is designed as a scroll spring motor (28) and/or a force flow from the emergency drive (11) to the output shaft (9) is merged with a force flow from the input shaft (10) to the output shaft (9) by means of a superposition transmission (16) and/or the emergency drive (11) is locked and released by means of a locking device (19).

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

(21) Application No.2979/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 11/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ADAPTIVE TOUCH SENSOR CONTROL BASED ON IDENTIFICATION OF ATTACHED **ACCESSORY**

(51) International classification :G06F3/041,G06F3/044 (71)Name of Applicant : (31) Priority Document No :13/795,286 (32) Priority Date :12/03/2013 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2014/013495 Filing Date :29/01/2014 :WO 2014/163737

(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)GOOGLE TECHNOLOGY HOLDINGS LLC

Address of Applicant: 1600 Amphitheatre Parkway, Mountain View, California 94043 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1)DEOKAR, Itisha C. 2)BENGTSON, Dale F. 3) GRIVAS, Chris J.

4)OLLEY, Michael F.

(57) Abstract:

A rechargeable touch sensor equipped device (102) is adapted to identify (1008) each of multiple external charging devices (118, 120, 122, 602) by an ID or other information received through an interface (230, 630) or to infer the identity (1020) based on location information derived from received wireless signals, the time and/or day. The rechargeable touch sensor equipped device (102) determines (1026) and records (1028) a touch screen operating frequency to be used when coupled to each external charging device (118, 120, 122, 602) at each battery charge state (or other indication of power draw) and in this way mitigates the adverse effect of variable charger generated noise on the operation of the touch screen.

No. of Pages: 37 No. of Claims: 20

(21) Application No.2980/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : WEDGE FOR IMMOBILIZING OBJECTS IN A BOX HAVING A SQUARE OR RECTANGULAR CROSS-SECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:13/51177 :12/02/2013 :France :PCT/FR2014/050228 :06/02/2014 :WO 2014/125193	(71)Name of Applicant: 1)B+ EQUIPMENT Address of Applicant: Pôle Performance, Btiment C3, 510 Avenue de Jouques, FR-13400 Aubagne FRANCE (72)Name of Inventor: 1)ESNAULT, Christian 2)DURAND, Claude
(87) International Publication No		
(61) Patent of Addition to Application Number	:NA	2,2 0,24,2, 0,4440
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a wedge (2) used to wedge objects in a box (1), comprising a bottom (1e) and at least four side surfaces, said wedge (2) consisting of a sheet made of a rigid, resistant and foldable material, comprising a central portion (2k) having a polygonal shape and size substantially equivalent to those of the bottom (le) of said box, said sheet comprising, on at least two of the sides thereof, at least one or multiple foldable flaps (2a, 2b, 2c, 2d, 2e, 2h, 2i and 2j), attached to said central portion (2k) via folding lines or hinges (3a, 3b, 3c, 3d, 3e, 3f, 3g, 3h, 3i, 3j), characterized in that the central portion (2k) of the wedging sheet (2) is provided with multiple grooves (6a, 6b, 6c and 6d) consisting of segments of a curve or of a straight line, along which the material is crushed and the thickness thereof is reduced, said grooves (6a, 6b, 6c, 6d) constituting folding lines inside said central portion (2k), which facilitate the deformation of said wedge (2), said grooves leading to the periphery or the proximity of the periphery of said central portion (2k) of the wedging sheet (2) and they are not parallel to one another or to the sides of said central portion (2k).

No. of Pages: 19 No. of Claims: 9

(21) Application No.2848/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED LITHIUM MANGANESE OXIDE COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C01G45/00 :NA :NA :NA :PCT/US2013/024284 :01/02/2013 :WO 2014/120238 :NA :NA	(71)Name of Applicant: 1)TRONOX LLC Address of Applicant: P.O. Box 268859, Oklahoma City, OK 73126-8859 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)STORY, Phillip, M. 2)JEGADEN Laurie I.
(61) Patent of Addition to Application	:NA	2)SEGADEN Laurie I.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to improved LMO composition suitable for use as cathode material in rechargeable lithium ion batteries. The LMO composition may be doped with an additional metal or undoped. The LMO composition carries a surface treatment of LiF that protects the LMO from acid degradation. Cathodes prepared from the improved LMO have improved fade characteristics.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(21) Application No.2849/KOLNP/2015 A

(43) Publication Date: 12/02/2016

(54) Title of the invention: CONNECTION 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 	:G02B6/44 :10 2013 102 853.5 :20/03/2013 :Germany :PCT/EP2014/054717 :11/03/2014 :WO 2014/146932 :NA :NA	(71)Name of Applicant: 1)REICHLE & DE-MASSARI AG Address of Applicant:Binzstr. 31 CH 8620 Wetzikon SWITZERLAND (72)Name of Inventor: 1)WELLINGER Thomas
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(57) Abstract:

The invention is based on a connection device (10, 12), more particularly an optical connection device, comprising a number m - other than 1 - of N-fold plugging elements (14a-c) which each have n contact locations (16a-c; 18a-c) with an unambiguously defined order, an X-fold plugging element (20a, 20b), which has x=m n contact locations (22a, 24a, 26a, 40b, 42b, 44b; 122a, 124a, 126a, 140b, 142b, 144b) forming n contact groups (76a, 76b, 76c, 76d) each having m contact locations (22a, 24a, 26a, 40b, 42b, 44b; 122a, 124a, 126a, 140b, 142b, 144b), with an unambiguously defined order in each case, and a number x of conduction paths (46), wherein for arbitrary i from 1 to n it holds true that the ith contact location (16a-c; 18a-c) of each N-fold plugging element (14a-c) is connected to at least one contact location (22a, 24a, 26a, 40b, 42b, 44b; 122a, 124a, 126a, 140b, 142b, 144b) of the i-th contact group (76a, 76b; 76c, 76d) of the X-fold plugging element (20a; 20b) via in each case one of the conduction paths (46), and for at least one of the contact groups (76a; 76c) of the X-fold plugging element (20a; 20b) is connected to at least one contact location (16a-c; 18a-c) of the j-th N-fold plugging element (14a-c) via at least one of the conduction paths (46).

No. of Pages: 23 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application: 14/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: POWDER CONTAINER AND IMAGE FORMING APPARATUS

(51) International classification	:G03G15/08	(71)Name of Applicant:
(31) Priority Document No	:2013-054371	1)RICOH COMPANY, LIMITED
(32) Priority Date	:15/03/2013	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(33) Name of priority country	:Japan	Tokyo, 1438555 JAPAN
(86) International Application No	:PCT/JP2014/057949	(72)Name of Inventor:
Filing Date	:14/03/2014	1)KIKUCHI, Kenji
(87) International Publication No	:WO 2014/142362	2)TAMAKI, Shinji
(61) Patent of Addition to Application	:NA	3)HOSOKAWA, Hiroshi
Number	:NA	4)KATOH, Shunji
Filing Date	.11/1	5)SUZUKI, Michiharu
(62) Divisional to Application Number	:NA	6)YOSHIZAWA, Hideo
Filing Date	:NA	7)KUBOKI, Shingo

(57) Abstract:

A powder container contains powder used for forming an image and is to be attached to an image forming apparatus. The image forming apparatus includes: a conveying nozzle to convey the powder; a powder receiving hole that is provided on the conveying nozzle and receives the powder from the powder container; an apparatus main-body gear to transmit a driving force to the powder container; and a container receiving section that is arranged around the conveying nozzle and receives the powder container. The powder container includes: an opening that is provided on one end of the powder container in a longitudinal direction; a nozzle receiver that is arranged in the opening and receives the conveying nozzle; a rotary conveyor that rotates to convey the powder to the powder receiving hole; and a container gear that is provided near the opening and drives the conveyor by meshing with the apparatus main-body gear. The container gear is arranged so as to mesh with the apparatus main-body gear at a position closer to the opening than the powder receiving hole in the longitudinal direction. The opening is to mate with the container receiving section.

No. of Pages: 341 No. of Claims: 36

(21) Application No.3006/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION CONTROL METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International :G06F13/00,G06F15/00,H04N21/234

classification :GUOF15/UU,GUOF15/UU,HU4N21/25

(31) Priority Document No :2013-054394 (32) Priority Date :15/03/2013 (33) Name of priority

country :Japan

(86) International

Application No :PCT/JP2014/057428

Filing Date :12/03/2014

(87) International Publication No :WO 2014/142342

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

(71)Name of Applicant:

1)RICOH COMPANY, LIMITED

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokyo, 1438555 JAPAN (72)Name of Inventor: 1)KASATANI, Kiyoshi

(57) Abstract:

A distribution control system distributes, to a communication terminal, first frame data capable of being reproduced singly by the communication terminal or second frame data as a difference with the previous frame data distributed to the communication terminal. The distribution control system includes a generating unit configured to generate the first frame data or the second frame data from certain frame data; and a transmitting unit configured to transmit third frame data with the contents being not updated or non-update information indicating that the contents are not updated, in place of the first frame data or the second frame data, to the communication terminal when contents of the certain frame data are not updated over a certain range or more as compared with contents of the frame data previously generated.

No. of Pages: 92 No. of Claims: 9

(21) Application No.2859/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SURFACE-COATED CUTTING TOOL

(51) International classification	:B23B27/14	(71)Name of Applicant:
(31) Priority Document No	:2013-035566	1)MITSUBISHI MATERIALS CORPORATION
(32) Priority Date	:26/02/2013	Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku,
(33) Name of priority country	:Japan	Tokyo 1008117 JAPAN
(86) International Application No	:PCT/JP2014/054663	(72)Name of Inventor:
Filing Date	:26/02/2014	1)OKUDE Masaki
(87) International Publication No	:WO 2014/132995	2)YAMAGUCHI Kenji
(61) Patent of Addition to Application	:NA	3)OSADA Akira
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This surface-coated cutting tool is provided with: a lower layer consisting of a Ti compound layer; an intermediate layer consisting of an α -Al2O3 layer; and an upper layer consisting of a Zr-containing α -Al2O3 layer. The uppermost layer of the lower layer contains 0.5 to 3 at% of oxygen. In the frequency distribution made by counting inclination angles between the normal lines to the (0001) planes of Al2O3 grains of the intermediate layer and the normal line to the surface of a tool body, the maximum peak appears in an inclination angle range of 0 to 10 degrees and the ratio of the sum of frequencies falling in this inclination angle range is 50 to 70%. In the frequency distribution made by counting inclination angles between the normal lines to the (0001) planes of Al2O3 grains of the intermediate and upper layers and the normal line to the surface of the tool body, the maximum peak appears in an inclination angle range of 0 to 10 degrees and the ratio of the sum of frequencies falling in the inclination angle range is 75% or more. In at least 70 area% of the grains of the intermediate and upper layers, the inside of each grain is split by one or more crystal lattice interfaces represented by Σ 3.

No. of Pages: 66 No. of Claims: 4

(21) Application No.2860/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LOW-LATENCY TOUCH SENSITIVE 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 	:G06F3/041 :13/841,436 :15/03/2013 :U.S.A. :PCT/US2014/030793 :17/03/2014 :WO 2014/145936 :NA :NA :NA	(71)Name of Applicant: 1)TACTUAL LABS CO. Address of Applicant: 160 Wooster Street, Penthouse B, New York, New York 10012 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)LEIGH, Darren 2)WIGDOR, Daniel
Filing Date	:NA	

(57) Abstract:

Disclosed are a sensor and method that provide detection of touch events from human fingers on a two-dimensional manifold with the capability for multiple simultaneous touch events to be detected and distinguished from each other. In accordance with an embodiment, the touch events are detected, processed and supplied to downstream computational processes with very low latency, i.e. on the order of one millisecond or less. Disclosed is a projected capacitive method that has been enhanced for high update rate and low latency measurements of touch events. The technique can use parallel hardware and higher frequency waveforms to gain the above advantages. Also disclosed are methods to make the measurements sensitive and robust, allow the technique to be used on transparent display surfaces and permit economical manufacturing of products which employ the technique.

No. of Pages: 23 No. of Claims: 34

(21) Application No.3020/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: UNIFORM GRAIN SIZE IN HOT WORKED SPINODAL ALLOY

:C22F1/08,C22F1/10,C22C9/06 (71)Name of Applicant : (51) International classification

:NA

(31) Priority Document No :61/793,690 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/024448

Filing Date :12/03/2014 (87) International Publication No :WO 2014/150880

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

1)MATERION CORPORATION

Address of Applicant: 6070 Parkland Boulevard Mayfield Heights, Ohio 44124 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)LONGENBERGER, Edward

(57) Abstract:

Filing Date

Processes for producing a uniform grain hot worked spinodal alloy are disclosed. The processes generate a uniform grain spinodal alloy without cracking and without the need for a homogenization step. The processes include providing an as-cast spinodal alloy, heating the as-cast spinodal alloy between 1200 and 1300°F for approximately 12 hours and hot working, allowing the spinodal alloy to cool, performing a second hot work on the as-cast spinodal alloy after it has been heated to 1700°F for a defined time period, exposing the alloy to a third temperature, performing a second hot work reduction, and cooling the alloy again.

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

(21) Application No.3021/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : GRAFTED POLYMER SURFACES FOR DROPWISE CONDENSATION, AND ASSOCIATED METHODS OF USE AND MANUFACTURE

(51) International classification :B05D5/08,B05D1/00,F28F13/18 (71) Name of Applicant: (31) Priority Document No 1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY :61/765,679 (32) Priority Date :15/02/2013 Address of Applicant: 77 Massachusetts Avenue Cambridge (33) Name of priority country MA 02139 UNITED STATES OF AMERICA. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2014/016621 1)PAXSON, Adam T. :14/02/2014 Filing Date 2)YAGUE, Jose, L. (87) International Publication 3) VARANASI, Kripa, K. :WO 2014/127304 4)GLEASON, Karen, K. (61) Patent of Addition to 5)LIU, Andong :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Presented herein are articles and methods featuring substrates with thin, uniform polymeric films grafted (e.g., covalently bonded) thereupon. The resulting coating provides significant reductions in thermal resistance, drop shedding size, and degradation rate during dropwise condensation of steam compared to existing coatings. Surfaces that promote dropwise shedding of low-surface tension condensates, such as liquid hydrocarbons, are also demonstrated herein.

No. of Pages: 102 No. of Claims: 75

(21) Application No.2870/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: NAPHTHYRIDINE DERIVATIVES USEFUL AS ALPHA-V-BETA-6 INTEGRIN ANTAGONISTS

(51) International :C07D471/04,A61K31/4375,A61P11/00 classification

(31) Priority Document :1305668.4

:28/03/2013 (32) Priority Date

(33) Name of priority :U.K.

country

(86) International

:PCT/EP2014/056013 Application No :26/03/2014

Filing Date

(87) International Publication No

:WO 2014/154725

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

:NA Filing Date

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

(57) Abstract:

(71)Name of Applicant:

1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY

DEVELOPMENT LIMITED

Address of Applicant :980 Great West Road, Brentford,

Middlesex TW8 9GS UNITED KINGDOM.

(72) Name of Inventor:

1) ANDERSON, Niall Andrew

2)FALLON, Brendan John

3)PRITCHARD, John Martin

123A compound of formula (I) or a salt thereof (I) wherein R represents a hydrogen atom a methyl group or a ethyl group R represents a hydrogen atom or a fluorine atom R represents a hydrogen atom a methyl group or an ethyl group.

No. of Pages: 74 No. of Claims: 29

(21) Application No.2871/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: HOISTING ROPE ARRANGEMENT IN CRANE TROLLEY

(51) International :B66C11/16,B66C13/00,B66C19/00 classification

(31) Priority Document No :20135198

(32) Priority Date :01/03/2013 (33) Name of priority country: Finland

(86) International Application :PCT/FI2014/050143

:27/02/2014

Filing Date

(87) International Publication :WO 2014/131944

(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)KONECRANES PLC

Address of Applicant: Koneenkatu 8, FI-05830 Hyvinkää

FINLAND

(72) Name of Inventor: 1)OJAPALO, Esa

(57) Abstract:

The invention relates to a hoisting rope arrangement in a trolley (2) moving along a main girder (1) of a crane and driven by an outside mechanism both sides of the trolley being provided with successive rope pulley pairs (3 4) located at a distance from one another in a longitudinal direction of the trolley and below these sheaves (6) situated in a hoisting member (5) whereby on both sides of the trolley a first hoisting rope (7) is led from a first end of the main girder of the crane via one rope pulley (3a) of a first rope pulley pair (3) down to the sheave (6) and therefrom via an other rope pulley (3b) to a second end of the main girder and a second hoisting rope (8) is led from the second end of the main girder (1) via one rope pulley (4a) of a second rope pulley pair (4) down to the sheave (6) and therefrom via an other rope pulley (4b) to the first end of the main girder. The arrangement employs rope pulley pairs which comprise differently sized rope pulleys but which are mounted in successive fastening points of the trolley such that they are reversed in relation to one another and such that in successive pulley pairs the differently sized rope pulleys are aligned with one another as viewed in the longitudinal direction of the trolley.

No. of Pages: 10 No. of Claims: 7

(21) Application No.3024/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ACTUATOR UNIT

(51) International classification: F15B15/18,B61F5/24,F15B11/00 (71) Name of Applicant: (31) Priority Document No :2013-035238 (32) Priority Date :26/02/2013

:29/01/2014

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/051958

No Filing Date

(87) International Publication :WO 2014/132732

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

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

(57) Abstract:

1)KAYABA INDUSTRY CO., LTD.

Address of Applicant: World Trade Center Bldg., 4-1,

Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN (72) Name of Inventor:

1)Takayuki OGAWA

An actuator unit is provided with: a rod side chamber and a piston side chamber which are separated by a piston; a tank; a first opening/closing valve which connects and disconnects the rod side chamber and the piston side chamber; a second opening/closing valve which connects and disconnects the piston side chamber and the tank; a suction passage which permits liquid to flow from the tank to the piston side chamber; a flow regulation passage which permits liquid to flow from the piston side chamber into the rod side chamber; a pump which supplies liquid to the rod side chamber; first and second discharge passages which connect the rod side chamber to the tank; a first passive valve which is provided in the first discharge passage; a second passive valve which is provided in the second discharge passage; and a third opening/closing valve which opens and closes the first discharge passage.

No. of Pages: 37 No. of Claims: 6

(21) Application No.3025/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ACTUATOR UNIT

(51) International classification: F15B15/18,B61F5/24,F15B11/00 (71) Name of Applicant:

:PCT/JP2014/051351

:WO 2014/125887

(31) Priority Document No :2013-028534 (32) Priority Date :18/02/2013

(33) Name of priority country :Japan

(86) International Application No

:23/01/2014 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)KAYABA INDUSTRY CO., LTD.

Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN

(72) Name of Inventor: 1)Takayuki OGAWA

An actuator unit includes two chambers defined in the cylinder; a supply passage allowing a working fluid discharged from the pump to be supplied to the two chambers; a discharge passage allowing the two chambers to communicate with the tank; a direction control valve configured to selectively communicate each of the two chambers with one of the pump and the tank; a control passage that branches from the supply passage on a side of the pump rather than the direction control valve so as to communicate the pump with the tank; a variable relief valve provided on the control passage, the variable relief valve opening so as to allow the working fluid to flow from the supply passage toward the tank when a pressure in the supply passage reaches the valve opening pressure; and a center passage that communicates the tank with an interior of the cylinder.

No. of Pages: 30 No. of Claims: 6

(21) Application No.2724/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: METHOD OF PREPARING GLUCOSYLCERAMIDE SYNTHASE INHIBITORS

(51) International :C07D453/02,C07D417/06,C07D277/30 classification

:61/791,913

(31) Priority Document

:15/03/2013 (32) Priority Date (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2014/025384 Application No :13/03/2014

Filing Date

(87) International Publication No

:WO 2014/151291

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to

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

(57) Abstract:

(71)Name of Applicant:

1) GENZYME CORPORATION

Address of Applicant: 500 Kendall Street, Cambridge, Massachusetts 02142 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1)SIEGEL, Craig 2) GIMI, Rayomand 3) REARDON, Michael

4)ZHAO, Jin

The invention relates to a method of preparing inhibitors of glucosylceramide synthase (GCS) useful for the treatment metabolic diseases, such as lysosomal storage diseases, either alone or in combination with enzyme replacement therapy, and for the treatment of cancer.

No. of Pages: 43 No. of Claims: 33

(21) Application No.2725/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: GEL-TYPE COSMETIC COMPOSITION

. ,	:A61Q1/02,A61Q19/00,A61K8/81	` '
(31) Priority Document No	:13 00429	1)L'OREAL
(32) Priority Date	:25/02/2013	Address of Applicant :14 rue Royale, F-75008 Paris FRANCE
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application	:PCT/IB2014/059238	1)FERRARI, Véronique
No	:25/02/2014	2)VALVERDE, Elodie
Filing Date	.23/02/2014	
(87) International Publication	:WO 2014/128678	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	.NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed towards a cosmetic composition for making up and/or caring for keratin materials, in particular the skin and/or the lips, comprising: -at least one aqueous phase gelled with at least one hydrophilic gelling agent; and - at least one oily phase gelled with at least one hydrogen bonding polymer; the said phases forming therein a macroscopically homogeneous mixture.

No. of Pages: 82 No. of Claims: 28

(21) Application No.2726/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: INJECTION DEVICE

:A61M5/315,A61M5/20 (71)Name of Applicant : (51) International classification (31) Priority Document No :13163115.2 1)SANOFI (32) Priority Date :10/04/2013 Address of Applicant: 54 rue La Boétie, F-75008 Paris (33) Name of priority country :EPO **FRANCE** (86) International Application No :PCT/EP2014/057008 (72) Name of Inventor: Filing Date :08/04/2014 1)MORRIS, Anthony Paul (87) International Publication No :WO 2014/166926 2)MARSH, William (61) Patent of Addition to Application 3)BUTLER, Joseph :NA Number 4) JONES, Matthew :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a handheld injection device comprising a housing (10), a piston rod (130) located within the housing (10), a drive member (100) and a power reservoir (110) for driving the drive member (100). The drive member (100) is permanently coupled to the piston rod (130), with the drive member (100) being axially movable between a dose setting position, in which the drive member (100) is rotationally constrained to the housing (10), and a dose dispensing position, in which the drive member (100) is rotationally decoupled from the housing (10). The power reservoir (110) comprises a reverse wound flat spiral spring having a first end attached to a first spool (120) and a second end attached to a second spool, which is axially and rotationally constrained to drive member (100).

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

(21) Application No.2880/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HETEROCYCLIC COMPOUNDS AND THEIR USES

(51) International classification :A61K9/20,A61K31/00,A61P9/04 (71)Name of Applicant: (31) Priority Document No :61/785,763 1)AMGEN INC. (32) Priority Date :14/03/2013 Address of Applicant :One Amgen Center Drive, Thousand :U.S.A. (33) Name of priority country Oaks, CA 91320-1799 UNITED STATES OF AMERICA. (86) International Application 2) CYTOKINETICS, INC. :PCT/US2014/027104 (72)Name of Inventor: No :14/03/2014 Filing Date 1)BI, Mingda (87) International Publication 2) KUEHL, Robert :WO 2014/152236 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided are certain pharmaceutical formulations of omecamtiv mecarbil and methods for their preparation and use.

No. of Pages: 53 No. of Claims: 21

(19) INDIA

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

(21) Application No.2881/KOLNP/2015 A

(43) Publication Date: 12/02/2016

(54) Title of the invention: A LOAD PROTECTION 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 	:H02H9/04 :2005-134477 :02/05/2005 :Japan :PCT/JP2006/308589 :24/04/2006 : NA :NA	(71)Name of Applicant: 1)SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. Address of Applicant: 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004 JAPAN (72)Name of Inventor: 1)TAKASHIMA TOYOTAKA 2)NIIZEKI SEIJI
1 (01110 01	:NA :4193/KOLNP/2007 :01/11/2007	

(57) Abstract:

During a non-charging time, a thyristor (7-1) maintains its off even if any half-wave component (Wp) rises. The voltage of the half-wave component (Wp) has a waveform that is similar to a sinusoidal wave during a non-load time. A voltage detecting circuit (801) detects the voltage of the half-wave component (Wp). A voltage shift circuit (803) shifts down the detected waveform by a shift voltage corresponding to a charging voltage (Vc). An integrating circuit (804) outputs an integration output as a delay time instruction (Vt). A gate control circuit (805) turns on a thyristor (7-2) at a timing delayed from the rise of a half-wave component (Wn) of negative side in accordance with the delay time instruction (Vt). An output current to be supplied to a lamp 6 rises in a delay time (Td) proportional to the area of an excessive portion. The peak value of the output current during the non-charging time can be adjusted and uniformed with reference to an output current during a charging time.

No. of Pages: 61 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :16/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND SYSTEMS FOR SEPARATING ACETONE AND PHENOL FROM ONE ANOTHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07C45/00 :61/783,587 :14/03/2013 :U.S.A. :PCT/US2014/028808 :14/03/2014 :WO 2014/153040 :NA :NA	(71)Name of Applicant: 1)KELLOGG BROWN & ROOT LLC Address of Applicant:601 Jefferson Avenue, Houston, TX 77002 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)VU, Truc 2)WILKS, Theodor
(61) Patent of Addition to Application Number	:NA	2)WILKS, Theodor
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for improving crude acetone column energy efficiency and operation are provided. The method for improving crude acetone column energy efficiency and operation can include introducing a crude acetone including acetone and phenol to a fractionation column and introducing cumene, AMS, or a combination thereof to the fractionation column. The method can include fractionating the crude acetone within the fractionation column to produce an acetone containing overhead and a phenol containing bottoms. The method can also include condensing at least a portion of the acetone containing overhead indirectly with a cool heat transfer medium to provide a condensed crude acetone product and a heated heat transfer medium, wherein the heat transfer medium includes cumene.

No. of Pages: 29 No. of Claims: 20

(21) Application No.2733/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : PRODUCTION OF SQUALENE AND/OR STEROL FROM CELL SUSPENSIONS OF FERMENTED YEAST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13158937.6 :13/03/2013 :EPO :PCT/EP2014/054657 :11/03/2014 :WO 2014/139989 :NA	(71)Name of Applicant: 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant: Brüningstraße 50, 65929 Frankfurt am Main GERMANY (72)Name of Inventor: 1)HAUBRICH, Andreas 2)KORB, Gerhard 3)TROTZIER, Jean-Francois
· · ·	:NA :NA	3)TROTZIER, Jean-Francois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process for the production of squalene and/or sterol in high amounts using an alkaline solution and an organic lysis solvent at high temperature and high pressure for effectively lysing yeast cells and extracting squalene and/or sterol into an organic extraction solvent, thus obtaining squalene and/or sterolin high amount and of high purity.

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

(21) Application No.2734/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 12/02/2016

:17/07/2008

(54) Title of the invention: RECEPTION DEVICE, AND RECEPTION METHOD

(51) International classification :H04J 11/00 (71)Name of Applicant: (31) Priority Document No 1)NTT DOCOMO, INC. :2006-010497 (32) Priority Date Address of Applicant: 11-1, NAGATACHO 2-CHOME, :18/01/2006 (33) Name of priority country CHIYODA-KU, TOKYO 100-6150 JAPAN :Japan (86) International Application No :PCT/JP2007/050170 (72)Name of Inventor : Filing Date :10/01/2007 1)HIGUCHI, KENICHI (87) International Publication No :WO 2007/083548 2) KISHIYAMA, YOSHIHISA (61) Patent of Addition to Application 3)SAWAHASHI, MAMORU :NA Number :NA Filing Date (62) Divisional to Application Number :2908/KOLNP/2008

(57) Abstract:

Filed on

A transmitting device of the OFDM type comprises means for creating a unicast channel, means for creating an MBMS channel, means for time-multiplexing the unicast channel and the MBMS channel with a common frequency band, and means for sending a time-multiplexed transmission symbol. The guard interval length for the MBMS channel is set larger than the guard interval length for the unicast channel.

No. of Pages: 40 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS OF PROTECTING ELECTROLYSIS CELL SIDEWALLS

(51) International classification	:C25B 9/00, C25C 7/00	(71)Name of Applicant: 1)ALCOA INC.
(31) Priority Document No	:61/780,493	Address of Applicant :ALCOA CORPORATE CENTER, 201
(32) Priority Date	:13/03/2013	ISABELLA STREET, PITTSBURGH, PENNSYLVANIA 15212-
(33) Name of priority country	:U.S.A.	5858 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/024772	(72)Name of Inventor:
Filing Date	:12/03/2014	1)LIU, XINGHUA
(87) International Publication No	:WO 2014/165203	2)WEIRAUCH, DOUGLAS A.
(61) Patent of Addition to Application	:NA	3)PHELPS, FRANKIE E.
Number	:NA	4)DYNYS, JOSEPH M
Filing Date	.11/1	5)KERKHOFF, JONELL M.
(62) Divisional to Application Number	:NA	6)DIMILIA, ROBERT A.
Filing Date	:NA	

(57) Abstract:

A system is provided including an electrolysis cell configured to retain a molten electrolyte bath, the bath including at least one bath component, the electrolysis cell including: a bottom, and a sidewall consisting essentially of the at least one bath component; and a feeder system, configured to provide a feed material including the least one bath component to the molten electrolyte bath such that the at least one bath component is within 2% of saturation, wherein, via the feed material, the sidewall is stable in the molten electrolyte bath.

No. of Pages: 45 No. of Claims: 26

(21) Application No.2895/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BEARING COMPONENT AND ROLLING BEARING

(51) International classification: F16C33/64,C21D1/06,C21D9/36 (71)Name of Applicant: (31) Priority Document No 1)NTN CORPORATION :2013-023277 (32) Priority Date :08/02/2013 Address of Applicant: 3-17, Kyomachibori 1-chome, Nishi-ku, (33) Name of priority country Osaka-shi, Osaka 5500003 JAPAN :Japan (72) Name of Inventor: (86) International Application :PCT/JP2014/050962 1)SAKANAKA, Noriaki No :20/01/2014 Filing Date 2)MATSUBARA, Yukio (87) International Publication 3)OHKI, Chikara :WO 2014/122970 4)SATO, Daisuke (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

According to the present invention, outer layer parts (11B, 12B, 13B) of bearing components (outer ring (11), inner ring (12), and ball (13)) are nitrided, the outer layer parts comprising bearing steel and including an outer ring rolling surface (11A), an inner ring rolling surface (12A), and a rolling contact surface (13A). The nitrogen concentration of the outer layer parts (11B, 12B, 13B) is not less than 0.4% by mass. The surface area ratio of precipitates in internal parts (11C, 12C, 13C) which are not nitrided is not less than 11%.

No. of Pages: 41 No. of Claims: 11

(21) Application No.3048/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention : PRECAST LEVELING SEGMENT BELOW A TRAFFIC BARRIER ATOP AN EARTH RETAINING WALL 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 	:11/02/2014 :WO 2014/130286	(71)Name of Applicant: 1)EARTH WALL PRODUCTS, LLC. Address of Applicant: 1427 Walcutts Way, Marietta, GA 30064 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)RAINEY, Thomas, L.
	:WO 2014/130286 :NA :NA :NA :NA	

(57) Abstract:

Disclosed herein are embodiments of a roadside barrier segment to sit on top of a retaining wall to provide impact resistance to vehicular traffic. Concrete traffic barriers are pre-cast in a controlled manufacturing environment then transported as a modular precast concrete segment to the jobsite and installed interlocking directly on top of an earth retaining wall. The precast concrete segment is designed to have a counterweight from soil backfill on a stem of the precast segment that resists overturning pressures from vehicle impact on the traffic barrier segment that extends above the roadway surface. The stem may be triangular in shape to capture more of the backfill soil. A vertical node may be placed on one side of the segment and a receiving channel on the opposite side of the segment to allow the interaction of adjacent segments to share impact loads from motor vehicles.

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

(21) Application No.3049/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: STERILE S-ADENOSYL METHIONINE WITH A HIGH CONTENT OF ACTIVE ISOMER FOR INJECTABLE SOLUTIONS, AND PROCEDURE FOR OBTAINING IT

(51) International :A61K9/19,C07C281/18,A61K9/00

classification

(31) Priority Document No :MI2013A000426 (32) Priority Date :20/03/2013

(33) Name of priority country: Italy

(86) International Application :PCT/IB2014/059966

No

:19/03/2014 Filing Date

(87) International Publication

:WO 2014/147568

(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)GNOSIS S.P.A.

Address of Applicant: Piazza del Carmine, 4, I-20121 Milano

(72)Name of Inventor: 1)BERNA, Marco 2)TAGLIANI, Auro 3) GREGORI, Daniele

(57) Abstract:

S-adenosyl methionine, and the salts and complexes thereof, in the form of a spray-dried sterile powder which has a pharmacologically active enantiomer content exceeding 70% and a water residue below 2.5% by weight.

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

(21) Application No.2749/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: BASE CONFIGURATION FOR ORTHODONTIC BRACKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/11/2013 :WO 2014/130111 :NA :NA	(71)Name of Applicant: 1)WORLD CLASS TECHNOLOGY CORPORATION, AN OREGON CORPORATION Address of Applicant: 1300 NE Alpha Drive, McMinnville, OR 97128 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HAGELGANZ, Rolf 2)BATHEN, Juergen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A base of an orthodontic bracket includes a matrix of bond pads that form channels to hold adhesive. These channels are oriented at acute angles to a long tooth axis to better resist shear forces impinging from random directions.

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

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : NEUROPROTECTIVE MULTIFUNCTIONAL ANTIOXIDANTS AND THEIR MONOFUNCTIONAL ANALOGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 31/506 :13/769,247 :15/02/2013 :U.S.A. :PCT/US2013/032761 :18/03/2013 :WO 2014/126596 :NA :NA	(71)Name of Applicant: 1)KADOR, PETER F. Address of Applicant:11778 WHITMORE STREET, OMAHA, NEBRASKA 68142 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)KADOR, PETER F.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The neuroprotective multifunctional antioxidants are compounds that contain a 2-diacetylamino-5-hydroxypyrimidine moiety, having the structural formula: wherein R1 is CH2 or C2H4; R2 is H or -OR4 where R4 is H or aryl; and R3a and R3b are independently selected from the group consisting of H and -O-alkyl. The antioxidants are orally bioavailable metal-attenuating multifunctional antioxidants that can independently attenuate transition metals, as well as scavenger free radicals. The multifunctional antioxidant compounds, by their ability to independently chelate metals, such as Fe, Cu or Zn, and scavenge free radicals generated from different sources, are neuroprotective and are beneficial for the treatment of various neurological disorders, such as Alzheimers disease, Parkinsons disease, ALS, traumatic brain injury, ocular disorders, such as cataract, glaucoma, age-related macular degeneration and other retinal degeneration, as well as for reducing the progression of diabetic complications.

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

(21) Application No.2751/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD FOR AIR DRYING A FILTER CAKE AND FILTER PLATE

:B01D25/12,B01D25/28 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OUTOTEC (FINLAND) OY :20135149 (32) Priority Date Address of Applicant: Rauhalanpuisto 9, FI-02230 Espoo :19/02/2013 (33) Name of priority country :Finland FINLAND (86) International Application No :PCT/FI2014/050120 (72) Name of Inventor: Filing Date :18/02/2014 1)SUUTARI, Teppo (87) International Publication No :WO 2014/128350 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for air drying a filter cake contained in a filter chamber (19) defined by a first filter plate, which comprises an air inlet (9) for supplying drying air into the filter chamber to expel fluids from the filter cake, and a second filter plate, which comprises a fluid outlet for discharging fluids from the filter chamber. The method comprises throttling the air flow into the filter chamber by means of an orifice plate (13) that acts as a flow resistance connected in series with the flow resistance of the filter chamber. Preferably the orifice of the orifice plate is so sized that, in case the flow resistance of the filter chamber falls below a normal level, choked flow is achieved in the orifice.

No. of Pages: 20 No. of Claims: 7

(21) Application No.3050/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: IMMUNOGENIC POLYPEPTIDE SURFACE LAYER-EXPRESSING BIFIDOBACTERIUM

(51) International :C12N15/09,A61K35/74,A61K39/00 classification

(31) Priority Document No :2013-030477 (32) Priority Date :19/02/2013

(33) Name of priority :Japan

country

(86) International :PCT/JP2014/053560 Application No

:14/02/2014 Filing Date

(87) International Publication: WO 2014/129412

(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)NATIONAL UNIVERSITY CORPORATION KOBE

UNIVERSITY

Address of Applicant :1-1, Rokkodai-cho, Nada-ku, Kobe-shi,

Hyogo 6578501 JAPAN (72) Name of Inventor:

1)SHIRAKAWA, Toshiro

2)HOTTA, Hak

3)KATAYAMA, Takane

(57) Abstract:

A bifidobacterium-expressing gene for expressing an immunogenic polypeptide on the surface of bifidobacterium. The gene includes a gene that codes immunogenic polypeptides. The immunogenic polypeptides include a prescribed base domain and at least one antigen peptide. The at least one antigen peptide is linked to either the N-terminal side or the C-terminal side of the base domain. This bifidobacterium-expressing gene can also include a gene that codes a bifidobacterium-derived GNB/LNB substrate-binding protein.

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

(21) Application No.3052/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTISENSE MOLECULES FOR TREATMENT OF STAPHYLOCOCCUS AUREUS INFECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N15/113 :61/786,926 :15/03/2013 :U.S.A. :PCT/US2014/028830 :14/03/2014 :WO 2014/144423 :NA :NA	(71)Name of Applicant: 1)TECHULON INC. Address of Applicant: 2200 Kraft Drive, Suite 2475, Blacksburg, VA 24060 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MALONE, Brett 2)BRYSON, Joshua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are antisense molecules and compositions for the treatment of Staphylococcus aureus infection. The antisense molecules and compositions comprise nucleic acid molecules, such as RNA, DNA, or nucleic acid molecules with modified backbones, such as PNA. The antisense molecules and compositions inhibit gene expression in Staphylococcus aureus; are optionally conjugated to cell penetration molecules such as peptides; and are optionally administered in the form of a nanoparticle composition.

No. of Pages: 28 No. of Claims: 17

(21) Application No.2720/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: AMIDES AS MODULATORS OF SODIUM CHANNELS

(51) International :C07D213/79,C07C235/64,A61K31/44 classification

(31) Priority Document No: 61/759,062

(32) Priority Date :31/01/2013 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2014/013667 Application No

:NA

:29/01/2014 Filing Date

(87) International :WO 2014/120820 Publication No

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

02210 UNITED STATES OF AMERICA.

(71)Name of Applicant:

(72)Name of Inventor: 1)HADIDA-RUAH, Sara, Sabina

1) VERTEX PHARMACEUTICALS INCORPORATED

Address of Applicant :50 Northern Avenue, Boston, MA

2)ANDERSON, Corey

3)ARUMUGAM, Vijayalaksmi

4)ASGIAN, Luliana, Luci

5)BEAR, Brian, Richard

6) TERMIN, Andreas, P.

7) JOHNSON, James, Philip

(57) Abstract:

Filing Date

The invention relates to amide compounds of formula I and For pharmaceutically acceptable salts thereof, useful as inhibitors of sodium channels: (I), (I) The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders, including pain.

No. of Pages: 134 No. of Claims: 39

(21) Application No.2721/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: QUINOLINE AND QUINAZOLINE AMIDES AS MODULATORS OF SODIUM CHANNELS

(51) International :C07D403/12,C07D215/54,C07D401/12 classification

:61/759,300

(31) Priority Document

(32) Priority Date :31/01/2013 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2014/013662 Application No :29/01/2014

:NA

Filing Date

(87) International :WO 2014/120815 Publication No

(61) Patent of Addition to :NA

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

Application Number Filing Date

(71)Name of Applicant:

1) VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :50 Northern Avenue, Boston, MA

02210 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1) HADIDA-RUAH, Sara, Sabina

2) ANDERSON, Corey

3)ARUMUGAM, Vijayalaksmi

4)ASGIAN, Iuliana, Luci

5)BEAR, Brian, Richard

6) TERMIN, Andreas, P.

7) JOHNSON, James, Philip

(57) Abstract:

The invention relates to compounds of formula (I) or pharmaceutically acceptable salts thereof, useful as inhibitors of sodium channels: formula (I). The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders, including pain.

No. of Pages: 193 No. of Claims: 40

(21) Application No.2722/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: TONER, IMAGE FORMING APPARATUS, PROCESS CARTRIDGE, AND DEVELOPER

(51) International classification :G03G9/08,G03G9/087,G03G9/10 (71)Name of Applicant : (31) Priority Document No :2013-054299 1)RICOH COMPANY, LTD. (32) Priority Date :15/03/2013 Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, (33) Name of priority country Tokyo, 1438555 JAPAN :Japan (72)Name of Inventor: (86) International Application :PCT/JP2014/057640 1)SUGIURA, Hideki :13/03/2014 Filing Date 2) KUMAI, Mio (87) International Publication :WO 2014/142352 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A toner, including: a colorant; and a binder resin, wherein a spreadability of the toner under a non-pressurized condition is 1.20 to 2.50, wherein a common logarithm of a storage modulus at 100° C (G) of the toner is 4.0 [log Pa] to 5.0 [log Pa], and wherein a ratio of a loss modulus at 100° C (G) to the storage modulus at 100° C (G) of the toner (G/G = tan δ) is 1.1 to 2.2.

No. of Pages: 87 No. of Claims: 13

(21) Application No.2723/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/08/2015 (43) Publication Date: 12/02/2016

(54) Ti le of the invention: NOVEL BACTERIOPHAGE AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME

(57) Abstract:

Provided is a novel bacteriophage Φ CJ22 (KCCM11364P). In addition, provided is an antibacterial composition containing the bacteriophage Φ CJ22 (KCCM11364P) as an active ingredient. Further, provided is a method of preventing and/or treating infectious diseases caused by Clostridium perfringens in animals except for humans by using the bacteriophage Φ CJ22 (KCCM11364P) or an antibacterial composition containing the bacteriophage Φ CJ22 (KCCM11364P) as an active ingredient.

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

(21) Application No.3055/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: THERMOELECTRIC APPARATUS AND ARTICLES AND APPLICATIONS THEREOF

(51) International :H01L35/22,H01L35/32,H01L41/113

(31) Priority Document No :61/783,709 (32) Priority Date :14/03/2013 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2014/027486

Filing Date :14/03/2014

(87) International Publication No :WO 2014/152570

(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)WAKE FOREST UNIVERSITY

Address of Applicant :391 Technology Way, Suite 199, Winston Salem, NC 27101 UNITED STATES OF AMERICA.

(72)Name of Inventor : 1)CARROLL, David, L. 2)SUMMERS Robert

(57) Abstract:

In one aspect, thermoelectric apparatus and articles and various applications of thermoelectric apparatus and articles are described herein. In some embodiments, a thermoelectric apparatus described herein comprises at least one p-type layer coupled to at least one n-type layer to provide a pn junction, and an insulating layer at least partially disposed between the p-type layer and the n-type layer, the p-type layer comprising carbon nanoparticles and the n-type layer comprising n-doped carbon nanoparticles. In some embodiments, the nanoparticles of the p-type layer and/or the nanoparticles of the n-type layer are disposed in a polymeric matrix comprising electrically poled polymer. In some embodiments, a thermoelectric article comprises a thermally insulating support and thermoelectric modules formed of a structure passing around or through the thermally insulating support to provide faces of the thermoelectric modules on opposing sides of the thermally insulating support.

No. of Pages: 71 No. of Claims: 57

(21) Application No.3056/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : COMPRESSION FORMED CONNECTOR FOR CARBON-FIBER COMPOSITE CORE CONDUCTOR ASSEMBLY USED IN TRANSMISSION LINE INSTALLATIONS AND METHOD OF CONSTRUCTING THE SAME

:H01R4/10	(71)Name of Applicant:
:61/767,037	1)AFL TELECOMMUNICATIONS LLC
:20/02/2013	Address of Applicant :170 Ridgeview Circle, Duncan, South
:U.S.A.	Carolina 29334 UNITED STATES OF AMERICA.
:PCT/US2014/017266	(72)Name of Inventor:
:20/02/2014	1)WELBORN, Matthew G.
:WO 2014/130609	2)QUESNEL, Wayne
:NA :NA :NA :NA	
	:61/767,037 :20/02/2013 :U.S.A. :PCT/US2014/017266 :20/02/2014 :WO 2014/130609 :NA :NA

(57) Abstract:

A compression accessory including an insert sleeve configured to enclose at least part of a core strand of a transmission conductor, the insert sleeve having at least one slot on an outer wall of the insert sleeve and a bored sleeve configured to enclose at least part of the insert sleeve, an inner wall of the bored sleeve configured to interact with the at least one slot.

No. of Pages: 30 No. of Claims: 20

(21) Application No.2752/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: RAILROAD VEHICLE STRUCTURE

(51) International classification	:B61D17/04,B61D17/00	(71)Name of Applicant :
(31) Priority Document No	:2013-034506	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(32) Priority Date	:25/02/2013	Address of Applicant :1-1, Higashikawasaki-cho 3-chome,
(33) Name of priority country	:Japan	Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN
(86) International Application No	:PCT/JP2014/000875	(72)Name of Inventor:
Filing Date	:20/02/2014	1)KATO, Eiichi
(87) International Publication No	:WO 2014/129190	2)OKAYAMA, Chihiro
(61) Patent of Addition to Application	:NA	3)HIRASHIMA, Toshiyuki
Number	:NA	4)TADA, Akihiko
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A railroad vehicle structure (1) is provided with: a plurality of modules (11 to 13, 21, 22, 31) comprising at least one of a floor portion (2), a side portion (3), and a roof portion (4) of the structure (1) divided into a plurality of portions along a vehicle longitudinal direction; and elongated members (5, 6) to which the plurality of modules (11 to 13, 21, 22, 31) are attached and which extend in the vehicle longitudinal direction. The elongated members (5, 6) include groove portions (41 to 45) extending along the vehicle longitudinal direction for securing the plurality of modules (11 to 13, 21, 22, 31).

No. of Pages: 29 No. of Claims: 7

(21) Application No.2911/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FACILITATING A PERSONAL DATA MARKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/01/2014 :WO 2014/123651 :NA :NA :NA	(71)Name of Applicant: 1)EZ AS A DRINK PRODUCTIONS INC. Address of Applicant: 3325 Markridge Drive, Reno,Nevada 89509 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)YANEV,Kostadin Dimitrov 2)YANEV, Ivo Kostadinov
Filing Date	:NA :NA	

(57) Abstract:

This disclosure relates to a system configured to facilitate a personal data market in which personal data is transacted. The system comprises one or more processors configured to execute computer program modules. The system is configured to aggregate personal data from one or more personal data sources and classify the personal data. The personal data comprises a plurality of units associated with one or more people. The system is configured to present the aggregated and classified personal data to users and manage transactions of the personal data. A given transaction comprises a transfer of one or more units of personal data associated with one or more people to a requestor computing platform in exchange for an amount of compensation.

No. of Pages: 40 No. of Claims: 21

(21) Application No.2912/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date: 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD FOR POWER TRANSMISSION AND DISTRIBUTION ASSET CONDITION PREDICTION AND DIAGNOSIS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G05B23/02 :13/759,026 :04/02/2013 :U.S.A.	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44, CH-8050 Zurich SWITZERLAND
(86) International Application No Filing Date	:PC1/US2014/014235 :31/01/2014	(72)Name of Inventor : 1)CHEIM, Luis
(87) International Publication No	:WO 2014/121113	2)LIN Lan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer-implemented system and method for predictive and diagnostic analysis of an electrical transmission, generation and distribution asset health includes a computer with a non-transient computer readable medium able to receive data regarding an asset, its components, component subsystem and parameters related thereto. Instructions stored on the non-transient computer readable medium execute instructions that predictively calculate overall asset health and also calculated the states of subsystems and component parameters, providing a diagnostic of the causes of poor asset health.

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

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMMUNO IMAGING AGENT FOR USE WITH ANTIBODY- DRUG CONJUGATE THERAPY

(51) International (71)Name of Applicant: :C07K16/30,A61K51/10,C07K16/44 classification 1)SANOFI (31) Priority Document No :61/761188 Address of Applicant :54 Rue La Boetie F, 75008 Paris (32) Priority Date :05/02/2013 **FRANCE** 2) THE BOARD OF TRUSTEES OF THE LELAND (33) Name of priority :U.S.A. country STANFORD JUNIOR UNIVERSITY (86) International (72) Name of Inventor: :PCT/US2014/014903 Application No 1)KRUIP, Jochen :05/02/2014 Filing Date 2) GAMBHIR, Sanjiv, S. (87) International Publication :WO 2014/124026 3)SARKAR, Susanta K. 4) GEBAUER, Mathias (61) Patent of Addition to 5)LANGE, Christian :NA **Application Number** 6)FOCKEN, Ingo :NA Filing Date 7) KIMURA, Richard (62) Divisional to 8)NATARAJAN, Arutselvan :NA 9)ILOVICH, Ohad **Application Number** :NA Filing Date

(57) Abstract:

The invention relates to a companion diagnostic antibody-like binding protein based on the humanized monoclonal antibody, DS6, to be used as diagnostic tool for in vivo detection and quantification of the tumor-associated MUCl-sialoglycotope, CA6.

No. of Pages: 73 No. of Claims: 78

(21) Application No.3070/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DRAFTING SYSTEM FOR A KNITTING MACHINE

(51) International classification :D01H5/50,D04B15/48,D01H5/66 (71) Name of Applicant:

:10 2013 102 827.6 (31) Priority Document No

(32) Priority Date :20/03/2013 (33) Name of priority country :Germany

(86) International Application :PCT/EP2014/054063

No

:03/03/2014 Filing Date

(87) International Publication

:WO 2014/146891

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SIPRA PATENTENTWICKLUNGS -UND BETEILIGUNGSGESELLSCHAFT MBH

Address of Applicant : Emil-Mayer-Straße 10, 72461 Albstadt

GERMANY

(72) Name of Inventor:

1)BAUER, Wolfgang

2)FLAD, Axel

3)DZIADOSZ, Thomas 4)SCHWAB, Manuel

(57) Abstract:

The invention relates to a drafting system (10) for a knitting machine for producing a fiber lattice from a rove having double closers guided via closer rollers (16) and an exit roller pair (17), wherein the closer rollers (16) and the exit roller pair (17) each have a pressure roller (16.2, 17.2) and an electromotively controlled drive roller (16.1, 17.1) and the rollers (16.1, 16.2, 17.1, 17.2) and the electromotors (13, 14) are arranged on the front side (12) of a base plate (11), wherein the motor shafts (13.1, 14.1) are fed through the base plate (11) and are connected to the axles (16.3, 17.3) of the drive rollers (16.1, 17.1) mounted in the base plate (11) via drive devices (21, 22), wherein there is a clamping device (25) on the rear side (18) of the base plate (11) by means of which the pressure rollers (16.2, 17.2) of the closer roller pair (16) and of the exit roller pair (17) can be pressed against the drive rollers (16.1, 17.1).

No. of Pages: 15 No. of Claims: 14

(21) Application No.2759/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MANAGING ITEM QUERIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q10/02 :13/838,425 :15/03/2013 :U.S.A. :PCT/US2014/019156 :27/02/2014	(71)Name of Applicant: 1)EXPEDIA, INC. Address of Applicant: 333 - 108th Avenue, N.E., Bellevue, WA 98004 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MILLER, Jeffrey, Stewart 2)FLEISCHMAN, David, Elias
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A network-based service may be provided for facilitating queries for a number of items, such as travel services. The items may be complimentary, such that users frequently desire to purchase two or more items in conjunction. A user may submit a query including criteria for determining one or more relevant items. Based on the submitted query, the network-based service may infer a desired travel plan of the user, such as a trip or vacation to a specific destination. The network-based service may use the inferred travel plan to generate queries for combinations of items that correspond to the inferred travel plan. These queries, or items corresponding to the queries, may then be returned to the user.

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

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : WIRELESS COMMUNICATIONS CAPABLE POWER DISTRIBUTION UNIT AND TECHNIQUES FOR COMMUNICATING THEREWITH

(51) International classification	:G06F1/28	(71)Name of Applicant :
(31) Priority Document No	:61/798,405	1)SERVER TECHNOLOGY, INC.
(32) Priority Date	:15/03/2013	Address of Applicant :1040 Sandhill Drive, Reno, NV 89521
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/030060	(72)Name of Inventor:
Filing Date	:15/03/2014	1)EWING, Carrel, W.
(87) International Publication No	:WO 2014/145321	2)MASKALY, James, P.
(61) Patent of Addition to Application	:NA	3)BEYER, Erich
Number	:NA	4)CAMPO, Yael
Filing Date	.11/1	5)HAAS, Benjamin
(62) Divisional to Application Number	:NA	6)AUCLAIR, Brian, P.
Filing Date	:NA	

(57) Abstract:

Methods, systems, and devices for wireless communication between a PDU and one or more devices within a limited communications range are described. A power distribution unit may be provided with a wireless communications module that may operate to communicate with user devices within a relatively close proximity. The wireless communications module may provide information reporting and may, in some examples, provide a user of the user device with configuration and other command capabilities.

No. of Pages: 74 No. of Claims: 28

(21) Application No.2761/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD FOR PERFORMING A CELL CHANGE PROCEDURE IN A WIRELESS COMMUNICATION SYSTEM AND A DEVICE THEREFOR

(51) International classification :H04W36/04,H04W76 (31) Priority Document No :61/807,337 (32) Priority Date :02/04/2013

(33) Name of priority country(86) International Application No:U.S.A.:PCT/KR2014/002270

Filing Date :18/03/2014 (87) International Publication No :WO 2014/163309

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

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

:H04W36/04,H04W76/00 (71)**Name of Applicant :**

1)LG ELECTRONICS INC.

Address of Applicant: 128 Yeoui-daero, Yeongdeungpo-gu,

Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor:
1)YI, Seungjune

2)LEE, Sunyoung 3)LEE, Youngdae 4)PARK, Sungjun

(57) Abstract:

The present invention relates to a wireless communication system. More specifically, the present invention relates to a method and a device for performing a cell change procedure in the wireless communication system, the method comprising: receiving configuration information indicating an identifier of a radio bearer to which a cell change procedure be performed; and performing the cell change procedure in RLC (Radio Link Control) and PDCP (Packet Data Convergence Protocol) entities of the radio bearer indicated in the configuration information, wherein the cell change procedure comprises a re-establishment of the RLC and PDCP entities.

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

(22) Date of filing of Application :21/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE

(51) International classification :H04W16/02,H04W16/14

 (31) Priority Document No
 :13/773,725

 (32) Priority Date
 :22/02/2013

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

(86) International Application No :PCT/US2014/017574

Filing Date :21/02/2014

(87) International Publication No :WO 2014/130764

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

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant:

1)RIVADA NETWORKS, LLC

Address of Applicant :7899 Lexington Drive, Suite 250, Colorado Springs, CO 80920 UNITED STATES OF AMERICA.

(72)Name of Inventor:

1)SMITH, Clint 2)GANLEY, Declan

3)MAULICK, Rishi 4)SURAMPUDI, Purnima 5)NELLIKUNNU, Nithin 6)MOHANTY, Sony

7)VASTRAD, Geetha 8)MISHRA, Vimal

9)KEMPANNA, Kalpana 10)DUTTA, Dipanjan

(57) Abstract:

Methods and system are provided for managing and monitoring allocation of RF spectrum resources based on time, space and frequency. A network may be enabled to allocate excess spectrum resources for use by other network providers on a real-time basis. Allocated resources may be transferred from one provider with excess resources to another in need of additional resources based on contractual terms or on a real-time purchase negotiations and settlements. A network may be enabled to monitor the use of allocated resources on real-time basis and off-load or allow additional users depending on the spectrum resources availability. Public safety networks may be enabled to make spectrum resources available to general public by allocating spectrum resources and monitoring the use of those resources. During an emergency, when traffic increases on a public safety network, the public safety networks may off-load bandwidth traffic to make available necessary resources for public safety users.

No. of Pages: 230 No. of Claims: 37

(22) Date of filing of Application :21/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: IMPROVED NICKEL BERYLLIUM ALLOY COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C19/00 :61/793,421 :15/03/2013 :U.S.A. :PCT/US2014/022007 :07/03/2014 :WO 2014/150052 :NA :NA	(71)Name of Applicant: 1)MATERION CORPORATION Address of Applicant:6070 Parkland Boulevard, Mayfield Heights, Ohio 44124 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)TRYBUS, Carole 2)KULI, John C. 3)GRENSING, Fritz C.
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(57) Abstract:

Disclosed herein are nickel beryllium alloys having improved corrosion and hardness characteristics relative to known nickel beryllium alloys. The alloys have a chemical composition with about 1.5% to 5% beryllium (Be) by weight, about 0.5% to 7% niobium (Nb) by weight; and nickel (Ni). Up to about 5 wt% chromium (Cr) may also be included. The alloys display improved hardness and corrosion resistance properties.

No. of Pages: 21 No. of Claims: 19

(22) Date of filing of Application :09/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LASER WELDING METHOD AND LASER WELDING DEVICE

(51) International :B23K26/21,B23K26/08,B23K26/32

classification

(31) Priority Document No :2013-028442 (32) Priority Date :15/02/2013 (33) Name of priority country: Japan

(86) International :PCT/JP2014/053373

Application No :13/02/2014 Filing Date

(87) International Publication :WO 2014/126172

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)NISSAN MOTOR CO., LTD.

Address of Applicant: 2, Takara-cho, Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023, JAPAN

(72) Name of Inventor:

1)Keisuke KINOSHITA

2) Kazuhiko KAGIYA

3)Mitsuhiro HASUNUMA

4)Shintaro NONAKA

A laser welding method for welding multiple metal members to each other by irradiating laser light (51) on a region where the multiple metal members have been superposed. The method comprises and pre-treatment process and a welding process. The occurrence of blow holes is limited and favorable welds are obtained by; forming at least one of the multiple metal members from a metal-plated steel plate in which the base metal has been covered with a coating material that has a melting point lower than the base metal; in the pre-treatment process, with the position of a first metal member (21) in the in-plane direction fixed, performing processing from the front surface (21a) of the first metal member to form on the back surface (21b), which is the other side, a protruding section (23) that bulges from the back surface; and thereafter, in the welding process, superposing the first metal member in which the protruding section (23) has been formed on a second metal member (22) with the protruding section therebetween while maintaining the position in the in-plane direction, and irradiating laser light on the superposed region to weld the multiple metal members to each other.

No. of Pages: 55 No. of Claims: 21

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD FOR PRODUCING SCREWS AND CONCRETE SCREW

(51) International classification :B21H3/02,F16B25/00 (71)Name of Applicant : (31) Priority Document No 1)HILTI AKTIENGESELLSCHAFT :10 2013 203 148.3 (32) Priority Date :26/02/2013 Address of Applicant :Feldkircherstr. 100, FL-9494 Schaan (33) Name of priority country :Germany LIECHTENSTEIN (86) International Application No :PCT/EP2014/052690 (72) Name of Inventor: Filing Date :12/02/2014 1) NEUMAIER. Tobias (87) International Publication No :WO 2014/131617 2)ACHLEITNER, Corinna (61) Patent of Addition to Application 3)DOMANI, Guenter :NA Number 4)WINKLER, Mark :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for producing a concrete screw comprising a shaft and a screw thread arranged on the lateral surface of the shaft. Said lateral surface of the shaft comprises, on the end of the shaft, at least one cut-out recess. According to the invention, a piece of rod (11) is provided as a workpiece, at least one threaded coil is formed on the lateral surface of the workpiece in a thread rolling process in which two profiled rolling tools (61, 62) act on the workpiece (11), and at least one recess (16, 16, 16) is formed in the lateral surface of the workpiece on an end area of the workpiece. According to the invention, the recess (16, 16, 16), when seen in the cross-section of the workpiece, is diametrically opposite an area (96, 96, 96) of the workpiece free of recesses such that initially the recess is formed in the lateral surface of the workpiece and subsequently, the threaded coils are formed on the lateral surface of the workpiece, and that at least one of the rolling tools (61, 62) also acts upon the end area of the workpiece with the recess during the thread rolling process. The invention also relates to a concrete screw having different eccentricity.

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

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL BACTERIOPHAGE AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N7/01,A61P31/04 :10-2013-0021497 :27/02/2013 :Republic of Korea :PCT/KR2014/001477 :24/02/2014 :WO 2014/133290 :NA :NA :NA	(71)Name of Applicant: 1)CJ CHEILJEDANG CORPORATION Address of Applicant: CJ Cheiljedang Center, 330, Dongho-ro, Jung-gu, Seoul 100-400 REPUBLIC OF KOREA (72)Name of Inventor: 1)SHIN, Eun Mi 2)BAE, Gi Duk 3)KIM, Jae Won
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(57) Abstract:

Provided is a novel bacteriophage Φ CJ19 (KCCM11361P). In addition, the present invention relates to an antibacterial composition including the bacteriophage Φ CJ19 (KCCM11361P) as an active ingredient. Further, the present invention is a method of preventing and/or treating infectious diseases by enterotoxigenic Escherichia coli in animals except for humans using the bacteriophage Φ CJ19 (KCCM11361P) or the antibacterial composition containing the bacteriophage Φ CJ19(KCCM11361P) as an active ingredient.

No. of Pages: 23 No. of Claims: 8

(21) Application No.3104/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MICROFLUIDIC DEVICE FOR IMMUNOBLOTTING

(51) International :G01N33/561,G01N33/49,G01N33/53 classification

(31) Priority Document No :61/777,682

(32) Priority Date :12/03/2013 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2014/024684

Application No :12/03/2014 Filing Date

(87) International :WO 2014/165185

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

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

Publication No

(57) Abstract:

(71)Name of Applicant:

1) THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant: 1600 Huron Parkway, 2nd Floor, Ann

Arbor, MI 48109, UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)GOONEWARDENA, Sascha, N.

2)GASPER, Christopher 3)BAKER, Jr., James, R. 4) LEROUEIL, Pascale, R. 5) CHANG, Huai, Ning

The present invention provides microfluidic devices, systems, and methods for use in immunoblotting applications. In particular, devices and methods provided herein have the advantages of traditional Western blotting with increased throughput and multiplex ability, and decreased time, sample, and reagent requirements.

No. of Pages: 32 No. of Claims: 24

(21) Application No.3123/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015 (43) Publication Date: 12/02/2016

:PCT/EP2014/052679

(54) Title of the invention: CONCRETE SCREW

(51) International classification: F16B25/00,B21H3/02,B21H3/06 (71)Name of Applicant:

(31) Priority Document No :10 2013 203 151.3 (32) Priority Date :26/02/2013

(33) Name of priority country :Germany

(86) International Application No

:12/02/2014 Filing Date

(87) International Publication

:WO 2014/131615 (61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HILTI AKTIENGESELLSCHAFT

Address of Applicant :Feldkircherstr. 100, FL-9494 Schaan

LIECHTENSTEIN

(72) Name of Inventor:

1) NEUMAIER. Tobias 2)WINKLER, Mark 3)DOMANI, Guenter

4) ACHLEITNER, Corinna

(57) Abstract:

The invention relates to a concrete screw having a shaft (31) and a screw thread (33) arranged on the shaft and a threaded coil (13) and a threaded base (14). According to the invention, in the end area (41) of the shaft, inside the shaft, at least one cut-out recess (36) for widening a borehole is provided, said recess extending, at least in sections, inside the thread base without interrupting the threaded coil. The invention also relates to a flat die for producing said type of concrete screw. The invention further relates to a method for producing a concrete screw.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NASAL CANNULA ASSEMBLIES AND RELATED PARTS

(51) International classification :A61M16/06,A61M16/00 (31) Priority Document No :61/799,583 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/NZ2014/000040

Filing Date :14/03/2014 (87) International Publication No :WO 2014/142681

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

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant :

1)FISHER & PAYKEL HEALTHCARE LIMITED

Address of Applicant :15 Maurice Paykel Place, East Tamaki,

Auckland, 2013 NEWZEALAND

(72)Name of Inventor:

1)O'CONNOR, Mark Thomas 2)KLENNER, Jason Allan 3)ASSI, Milanjot Singh

4)SPENCE, Callum James Thomas 5)HOPKINS, Caroline Geraldine

6)DUTHIE, Neil Gray 7)WHITE, Craig Karl

8) EVANS, Alicia Jerram Hunter

9)LAING, Brent Ian

10)CLARKSON, Sooji Hope 11)GULLIVER, Laurence

(57) Abstract:

Nasal cannula assemblies for providing respiratory therapy to patients are provided. A nasal cannula assembly can include a cannula, an optional manifold which may be removable, a gas supply tube, and a securement mechanism. Securement mechanisms can include headgear straps, cheek pads, or an adhesive nose strip. A nasal cannula assembly can also include a lanyard, lanyard clip, and/or lanyard connector to help support the weight of a main gas delivery conduit.

No. of Pages: 381 No. of Claims: 47

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL BACTERIOPHAGE AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2013-0021498 :27/02/2013 :Republic of Korea	(71)Name of Applicant: 1)CJ CHEILJEDANG CORPORATION Address of Applicant: CJ Cheiljedang Center, 330, Dongho-ro, Jung-gu, Seoul 100-400 REPUBLIC OF KOREA (72)Name of Inventor: 1)SHIN, Eun Mi 2)BAE, Gi Duk 3)KIM, Jae Won
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(57) Abstract:

Provided is a novel bacteriophage Φ CJ20 (KCCM11362P). In addition, the present invention relates to an antibacterial composition including the bacteriophage Φ CJ20 (KCCM11362P) as an active ingredient. Further, the present invention is a method of preventing and/or treating infectious diseases by enterotoxigenic Escherichia coli in animals except for humans using the bacteriophage Φ CJ20 (KCCM11362P) or the antibacterial composition containing the bacteriophage Φ CJ20 (KCCM11362P) as an active ingredient.

No. of Pages: 26 No. of Claims: 8

(21) Application No.3126/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PIGMENTS OF SIMULTANEOUSLY SUBSTITUTED PYROCHLORE AND RELATED **STRUCTURES**

(51) International :C01G33/00,C01G41/00,C01G45/00

classification

(31) Priority Document No :61/782.987 (32) Priority Date :14/03/2013 (33) Name of priority country:U.S.A.

(86) International :PCT/US2014/026066

Application No :13/03/2014 Filing Date

(87) International Publication :WO 2014/160218

(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)THE SHEPHERD COLOR COMPANY

Address of Applicant: 4539 Dues Drive, Cincinnati, OH 45246

UNITED STATES OF AMERICA.

(72) Name of Inventor: 1)BOOCOCK, Simon 2) SMITH, Andrew, E.

3)TROJAN, Miroslav

(57) Abstract:

A compound or a pigment comprising a compound where there is simultaneous substitution of more or more elements onto both the A and B sites of a pyrochlore lattice or a lattice related to a pyrochlore. The pigment comprises a compound with the formula of AyAyBxBxZp. Elements A and A have a valence of 1, 2, or 3; and are selected from the elements of groups 1, 2, 12, 13, 14, 15, and the first row of transition metals, excluding H, Pb, Cd, Hg, N, As, and Tl. Elements B and B have a valence of 3, 4, 5, or 6; and are selected from the elements of the first, second, or third row of transition metals, groups 13, 14, and 15, excluding V, C, Pb, and Tl. Element Z is selected from O, F, N, a chalcogen, S, Se, hydroxide ion, and mixtures thereof.

No. of Pages: 23 No. of Claims: 18

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHOD AND APPARATUS FOR RECOVERING PGM AND FERRO-CHROME FROM PGM BEARING CHROMITE ORE

(51) International classification :C22B11/02,C22B34/32 (71)Name of Applicant : (31) Priority Document No 1)OUTOTEC (FINLAND) OY :20135284 (32) Priority Date :25/03/2013 Address of Applicant: Rauhalanpuisto 9, FI-02230 Espoo (33) Name of priority country :Finland (86) International Application No :PCT/FI2014/050214 (72) Name of Inventor: Filing Date :25/03/2014 1)NÄRHI, Lauri (87) International Publication No :WO 2014/154945 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In a method for recovering PGMs and ferrochrome from platinum group metals bearing chromite ore, a concentrate is prepared that contains most of PGMs and chromite of the ore and the concentrate is subjected to a heating step to dry and/or preheat the concentrate, after which the preheated concentrate is smelted under reducing conditions in a DC smelting furnace (14) to produce molten metal alloy containing the PGMs of the feed and molten slag containing the chromium of the feed. The molten slag is tapped from the smelting furnace (14) into an AC slag furnace (16), where iron and chromium are reduced to produce a ferrochrome alloy. PGMs are recovered from the metal alloy tapped from the smelting furnace (14) utilizing hydro-metallurgical processes.

No. of Pages: 15 No. of Claims: 14

(21) Application No.2832/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ANTI-LAG-3 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 (62) Divisional to Application Number 	:13/03/2014 :WO 2014/140180 :NA :NA	(71)Name of Applicant: 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED Address of Applicant: 980 Great West Road, Brentford, Middlesex TW8 9GS UNITED KINGDOM. (72)Name of Inventor: 1)HAMBLIN, Paul Andrew 2)LEWIS, Alan Peter 3)WEBB, Thomas Matthew
Filing Date	:NA	

(57) Abstract:

Antigen binding proteins that bind Lymphocyte Activation Gene 3 (LAG-3), and more particularly to antigen binding proteins that cause depletion of LAG-3+ activated T cells.

No. of Pages: 79 No. of Claims: 34

(21) Application No.2833/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ACTIVE OPTICAL STYLUS AND SENSOR

(51) International classification	:G06F3/03,G06F3/042	(71)Name of Applicant:
(31) Priority Document No	:61/798,708	1)TACTUAL LABS CO.
(32) Priority Date	:15/03/2013	Address of Applicant :160 Wooster Street, Penthouse B, New
(33) Name of priority country	:U.S.A.	York, New York 10012 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/030690	(72)Name of Inventor:
Filing Date	:17/03/2014	1)LEIGH, Darren
(87) International Publication No	:WO 2014/145855	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical input position locating device includes a sheet material having a light transmitting media and a plurality of direction changing particles suspended within the light transmitting media. The direction changing particles are selected to output light in a different direction than an optical input received by the media. Light sensors are provided along at least a first edge of the sheet material. Each of the light sensors is associated with an angular filter that restricts light from reaching the associated light sensor, and the light sensors being adapted to produce a signal in response to receiving the redirected light. A position processor connected to the plurality of light sensors is adapted to use the signals produced by plurality of light sensors to determine a position of the optical input.

No. of Pages: 73 No. of Claims: 4

(21) Application No.3147/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METALLORGANOCATALYSIS FOR ASYMMETRIC TRANSFORMATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:11/03/2014 :WO 2014/164801 :NA :NA	(71)Name of Applicant: 1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY Address of Applicant: Old Queen's, Somerset Street, New Brunswick, NJ 08909 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)ZHANG, Xumu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A ligand having the structure or its enantiomer; (I) wherein: each one of Ra, Rb, Rc and Rd is selected from alkyl, cycloalkyl, and aryl; the bridge group is selected from CH2 NH; CH(CH3)NH (C,R); and the organocatalyst is an organic molecule catalyst covalently bound to the bridge group. Also, a catalyst having the structure or its enantiomer: (II) wherein: each one of Ra, Rb, Rc and Rd is selected from alkyl, cycloalkyl, and aryl; the bridge group is selected from CH2NH; CH(CH3)NH (C,R); and CH(CH3)NH (C,S); the organocatalyst is an organic molecule catalyst covalently bound to the bridge group; and M is selected from the group consisting of Rh, Pd, Cu, Ru, Ir, Ag, Au, Zn, Ni, Co, and Fe.

No. of Pages: 42 No. of Claims: 16

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: LATCHING CONNECTOR ASSEMBLY

(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 15/03/2013 1U.S.A. 1V.S.A. 1V.S.	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:U.S.A. :PCT/US2014/022996 :11/03/2014 :WO 2014/150346 :NA :NA :NA	06492 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MARTEN, Barbara, Heather 2)CARAIANI, Valeria 3)JAY, Peter, Ervin
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(57) Abstract:

The subject matter described herein includes an electrical connector assembly comprising a first connector and a second connector. The first connector includes a main body, a locking member, and first engagement members. The locking member includes an indented portion. The second connector is configured to receive the first connector. The second connector includes a main body and a latching member that is slidable with respect to the main body. The latching member includes a biasing member and second engagement members configured to receive the first engagement members. The locking member of the first connector is configured to deflect the biasing member of the second connector when the first connector is inserted into the second connector such that the biasing member engages the indented portion of the locking member thereby retaining the locking member in a locked position and indicating proper mating of the first connector and the second connector. The latching member slides with respect to the main body of the second connector to a latched position until the second engagement members receive the first engagement members for securely mating the first and second connectors.

No. of Pages: 19 No. of Claims: 17

(21) Application No.3149/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NEEDLELESS CONNECTOR WITH FLEXIBLE VALVE

(51) International classification:A61M39/26,A(31) Priority Document No:13/829,227(32) Priority Date:14/03/2013(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2014/017826 Filing Date :21/02/2014

(87) International Publication No :WO 2014/143529

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

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

:A61M39/26,A61M39/24 (71)**Name of Applicant :** :13/829,227 **1)CAREFUSION 303, INC.**

Address of Applicant :3750 Torrey View Court, San Diego,

California 92130 UNITED STATES OF AMERICA.

(72)Name of Inventor:

1)ZOLLINGER, Christopher J.

2)YEH, Jonathan

3)MANSOUR, George Michel

4) QUACH, Matthew

(57) Abstract:

A flexible valve for a connectors is described. In one example, a flexible valve for a connector includes a head having a top section and a column section defining an axial center of the head, wherein the top section includes a top planar surface that is non-perpendicular with respect to the axial center of the column section; a primary seal portion coupled to the head; and a lower portion coupled to the primary seal portion.

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

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELECTROCHROMIC DISPLAY ELEMENT AND IMAGE DISPLAY DEVICE

		(71)Name of Applicant :
(51) International classification	:G02F1/15	1)RICOH COMPANY, LTD.
(31) Priority Document No	:2013-052472	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(32) Priority Date	:14/03/2013	Tokyo, 1438555 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2014/051315	1)FUJIMURA, Koh
Filing Date	:16/01/2014	2)YASHIRO, Tohru
(87) International Publication No	:WO 2014/141748	3)HIRANO, Shigenobu
(61) Patent of Addition to Application	.NI A	4)TAKAHASHI, Hiroyuki
Number	:NA	5)OKADA, Yoshinori
Filing Date	:NA	6)NAIJO, Yoshihisa
(62) Divisional to Application Number	:NA	7)TSUJI, Kazuaki
Filing Date	:NA	8)KIM, Sukchan
-		9)YUTANI, Keiichiroh

(57) Abstract:

Disclosed is an electrochromic display element, including a display substrate, a display electrode, an electrochromic layer, an opposed electrode, and an opposed substrate, wherein the electrochromic layer is formed on the display electrode, a liquid crystal composition that includes a low- molecular liquid crystal and an ionic liquid is present between the display electrode and the opposed electrode, and the ionic liquid includes a tetracyanoboric acid ion and/or tris(pentafluoroethyl)trifluorophosphoric acid ion as an anionic component.

No. of Pages: 62 No. of Claims: 8

(21) Application No.2829/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL POLYSILOXANE-BASED FOULING CONTROL COATING SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C09D5/16,C09D183/12 :13160169.2 :20/03/2013 :EPO :PCT/DK2014/050068 :20/03/2014 :WO 2014/117786 :NA	(71)Name of Applicant: 1)HEMPEL A/S Address of Applicant: Lundtoftegårdsvej 91, DK-2800 Kgs. Lyngby DENMARK (72)Name of Inventor: 1)OLSEN, Stefan Møller 2)HANSEN, Dorte Hillerup 3)BLOM, Anders
Number		3)BLOM, Anders
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application discloses novel multilayer polysiloxane-based fouling control coating systems having included therein active constituents like biocides and/or enzymes. Further, the polysiloxane-based layers may individually have included as a part thereof hydrophilic oligomer/polymer moieties, and/or said may further comprising one or more hydrophilic-modified polysiloxane oils.

No. of Pages: 78 No. of Claims: 18

9)KEMPANNA, Kalpana 10)DUTTA, Dipanjan

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE

(71)Name of Applicant: 1)RIVADA NETWORKS LLC :H04W16/10,H04W16/14 Address of Applicant: 7899 Lexington Drive, Suite 250, (51) International classification (31) Priority Document No Colorado Springs, Colorado 80920 UNITED STATES OF :13/782,193 (32) Priority Date :01/03/2013 AMERICA. (33) Name of priority country (72) Name of Inventor: :U.S.A. (86) International Application No :PCT/US2014/019554 1)SMITH, Clint 2) GANLEY, Declan Filing Date :28/02/2014 (87) International Publication No :WO 2014/134511 3)MAULICK, Rishi (61) Patent of Addition to Application 4)SURAMPUDI, Purnima :NA Number 5) NELLIKUNNU, Nithin :NA Filing Date 6)MOHANTY, Sony (62) Divisional to Application Number :NA 7) VASTRAD, Geetha Filing Date :NA 8)MISHRA, Vimal

(57) Abstract:

Methods and system are provided for managing and monitoring allocation of RF spectrum resources based on time, space and frequency. A network may be enabled to allocate excess spectrum resources for use by other network providers on a real-time basis. Allocated resources may be transferred from one provider with excess resources to another in need of additional resources based on contractual terms or on a real-time purchase negotiations and settlements. A network may be enabled to monitor the use of allocated resources on real-time basis and off-load or allow additional users depending on the spectrum resources availability. Public safety networks may be enabled to make spectrum resources available to general public by allocating spectrum resources and monitoring the use of those resources. During an emergency, when traffic increases on a public safety network, the public safety networks may off-load bandwidth traffic to make available necessary resources for public safety users.

No. of Pages: 198 No. of Claims: 18

(21) Application No.3145/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: EXTERNALLY PROGRAMMABLE VALVE ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61N5/06 :61/791,922 :15/03/2013 :U.S.A. :PCT/US2014/029226 :14/03/2014 :WO 2014/144703 :NA :NA :NA	(71)Name of Applicant: 1)HAKIM, Carlos, A Address of Applicant: 3301 South Moorings Way, Coconut Grove, FL 33133 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HAKIM, Carlos, A
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(57) Abstract:

An externally programmable shunt valve assembly that includes a magnetic rotor that is operable in response to an externally applied magnetic field and configured to increase or decrease the working pressure of the shunt valve assembly in finite increments.

No. of Pages: 104 No. of Claims: 63

(21) Application No.3146/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : FLUIDIC DEVICE AND FABRICATION METHOD THEREOF, AND THERMAL TRANSFER MEDIUM FOR FLUIDIC DEVICE FABRICATION

(51) International classification :G01N35/02,B01J19/00,B81B1/00 (71)Name of Applicant : (31) Priority Document No 1)RICOH COMPANY, LTD. :2013-038834 (32) Priority Date Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, 3 :28/02/2013 (33) Name of priority country Tokyo, 1438555 JAPAN :Japan (86) International Application (72) Name of Inventor: :PCT/JP2014/055884 1)KOBAYASHI, Rie :28/02/2014 Filing Date (87) International Publication :WO 2014/133192 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided is a fluidic device including: a base member; a porous layer provided over the base member; a flow path wall provided in the porous layer; and a flow path defined by an inner surface of the flow path wall and the base member. Linearity of the fluidic device is 30% or less, where the linearity is obtained by the following formula: Linearity (%) = $\{[A \text{ (mm)-B (mm)}]/B \text{ (mm)}\}x100$, where a length B is a length of a straight line between arbitrary two points on a contour of the inner surface of the flow path wall, and a length A is a length of a continuous line between the two points.

No. of Pages: 123 No. of Claims: 15

(21) Application No.2705/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HIGH-DENSITY CELL BANKING METHODS

(51) International classification(31) Priority Document No(32) Priority Date	:C12M1/00,C12M3/06,C12M1/34 :61/793,021 :15/03/2013	(71)Name of Applicant: 1)GENZYME CORPORATION Address of Applicant:500 Kendall Square, Cambridge, MA
(33) Name of priority country	:U.S.A.	02142 UNITED STATES OF AMERICA.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2014/027757 :14/03/2014 :WO 2014/143691	(72)Name of Inventor: 1)JIN, Xiaoxia 2)DONG, Haodi 3)BUSER, Claudia
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The current disclosure provides a method for the creation of a high-density cryopreserved cell bank using perfusion culture techniques and non-centrifugal concentration of cells. Methods of production using this high-density cryopreserved cell bank are also provided.

No. of Pages: 49 No. of Claims: 20

(21) Application No.2861/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CROSSTIE BLOCK UNIT FOR RAILWAY SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01B1/00 :13158600.0 :11/03/2013 :EPO :PCT/EP2014/054492 :07/03/2014 :WO 2014/139898 :NA :NA	(71)Name of Applicant: 1)SONNEVILLE AG Address of Applicant: Wylihof Deitingen, CH-4542 Luterbach SWITZERLAND (72)Name of Inventor: 1)HENGELMANN, Anabel 2)FINK, Martin 3)HABEGGER, Marco
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(57) Abstract:

The invention relates to a crosstie block unit (1) for railway systems, consisting of a crosstie block (2) and a crosstie shoe (3) which partly surrounds said crosstie block (2). The crosstie block (2) has a head region (4) and a foot region (6), said head region (4) protruding past the foot region (6) lengthwise and widthwise, thereby forming a projecting section (10). A circumferential sealing lip (14) is arranged on the upper edge of the crosstie shoe (3), said sealing lip being oriented upwards and outwards and sitting against the projecting section (10).

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

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SECURE TRANSACTION 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 	:12/03/2014 :WO 2014/165284 :NA	(71)Name of Applicant: 1)INTERTRUST TECHNOLOGIES CORPORATION Address of Applicant: 920 Stewart Drive, Sunnyvale, California 94085-3913 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MAHER, David P. 2)CHAVANNE, Pierre 3)NAGAO, Yutaka 4)MANENTE, Michael
(61) Patent of Addition to Application		3)NAGAO, Yutaka
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods are described that use tag authentication and presence verification techniques in connection with a variety of transactions. In certain embodiments, an authentication device may verify the authenticity of a secure tag by determining whether the secure tag stores secret information provisioned by a trusted authority. In some embodiments, such an authentication process may be performed without exposing the secret information to the authentication device, thereby maintaining integrity of the secure tag. In other embodiments, insecure tags and/or tags that do not include secret information are used.

No. of Pages: 87 No. of Claims: 13

(22) Date of filing of Application :15/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHODS AND TOOLS FOR THE DIAGNOSIS AND PROGNOSIS OF UROGENITAL CANCERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C12Q1/68 :61/765,678 :15/02/2013 :U.S.A. :PCT/US2014/016541 :14/02/2014 :WO 2014/127267 :NA :NA	(71)Name of Applicant: 1)CANCER GENETICS INC. Address of Applicant: Meadows Office Complex, 201 Route 17 North, Rutherford, New Jersey 07070 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HOULDSWORTH, Jane C. 2)CHAGANTI, Raju S.K.
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(57) Abstract:

The present invention provides a microarray useful as a tool in the diagnosis and/or prognosis of certain types of cancers, particularly urogenital cancers. The microarray can include a plurality of genomic regions represented thereon, the genomic regions corresponding to regions wherein alterations, such as copy number aberrations, at such locations correlate to specific, identifiable cancers, particularly prostate, renal, or bladder tumors. The invention further provides methods of diagnosing certain types of cancers, particularly urogenital cancers, more particularly renal cortical cancers. The methods can comprise analyzing genetic material from a human individual to determine the presence or presence of certain aberrations and using a decision tree to classify the subtype of renal cortical neoplasm present in the sample.

No. of Pages: 86 No. of Claims: 35

(21) Application No.3180/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : NONALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NONALCOHOLIC STEATOHEPATITIS (NASH) BIOMARKERS AND USES THEREOF

(51) International classification	:G01N33/68	(71)Name of Applicant:
(31) Priority Document No	:61/787,967	1)SOMALOGIC, INC.
(32) Priority Date	:15/03/2013	Address of Applicant :2945 Wilderness Place, Boulder,
(33) Name of priority country	:U.S.A.	Colorado 80301 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/022547	(72)Name of Inventor:
Filing Date	:10/03/2014	1)NIKRAD, Malti
(87) International Publication No	:WO 2014/150198	2)FIELD, Stuart G.
(61) Patent of Addition to Application	:NA	3)WILLIAMS, Stephen Alaric
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		<u> </u>

(57) Abstract:

Methods, compositions, and kits for determining whether a subject has non-alcoholic fatty liver disease (NAFLD) are provided. Methods, compositions, and kits for determining whether a subject has non-alcoholic steatosis are also provided. Methods, compositions, and kits for determining whether a subject has non-alcoholic steatohepatitis (NASH) are also provided.

No. of Pages: 103 No. of Claims: 49

(21) Application No.3181/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PROCESS AND PLANT FOR PRODUCING TITANIUM SLAG FROM ILMENITE

:C22B4/08,C22B5/10,C22B5/14 (71)Name of Applicant : (51) International classification (31) Priority Document No :NA 1)OUTOTEC (FINLAND) OY (32) Priority Date :NA Address of Applicant: Rauhalanpuisto 9, FI-02230 Espoo (33) Name of priority country :NA FINLAND (86) International Application No: PCT/EP2013/055590 (72) Name of Inventor: Filing Date :18/03/2013 1)FORMANEK, Lothar (87) International Publication No: WO 2014/146682 2) GAUGENMAIER, Johannes (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for producing titanium slag from ilmenite comprises the steps of: a) Partial reduction of granular ilmenite with a reducing agent in a reduction reactor (6) at a temperature of at least 900°C, b) Transfer of the partially reduced hot ilmenite obtained in step a) into an electric furnace (12), c) Smelting the ilmenite in the electric furnace (12) in the presence of a reducing agent to form liquid pig iron and titanium slag, and d) Withdrawing the titanium slag from the electric furnace (12). The off gas of the reduction reactor (6) is introduced into a waste heat boiler (20).

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

(21) Application No.2853/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS

(51) International classification:A61K 9/70(31) Priority Document No:07120837.5(32) Priority Date:16/11/2007(33) Name of priority country:EPO

(86) International Application No :PCT/EP2008/065444 (72)Name of Inventor:

Filing Date :13/11/2008 (87) International Publication No :WO 2009/062993

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

(62) Divisional to Application Number :1755/KOLNP/2010 Filed on :14/05/2010 (71)Name of Applicant:

1)VIFOR (INTERNATIONAL) AG

Address of Applicant: RECHENSTRASSE 37 9001 ST.

GALLEN SWITZERLAND

1)LUDWIG DANIEL WEIBEL

2)ERIK PHILIPP

(57) Abstract:

Pharmaceutical compositions for oral administration, in particular administration as an oral delivery system to be swallowed directly or capable of disintegration in the oral cavity, comprising iron oxy-hydroxide in high loading.

No. of Pages: 35 No. of Claims: 36

(21) Application No.3009/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ULTRA HIGH STRENGTH COPPER-NICKEL-TIN ALLOYS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/781,942 :14/03/2013 :U.S.A.	(71)Name of Applicant: 1)MATERION CORPORATION Address of Applicant:6070 Parkland Boulevard, Mayfield Heights, Ohio 44124 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)WETZEL, John F. 2)SKORASZEWSKI, Ted
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to ultra high strength wrought copper-nickel-tin alloys and processes for improving the yield strength of the copper-nickel-tin alloy such that the resulting 0.2% offset yield strength is at least 175 ksi. The alloy includes about 14.5 wt% to about 15.5% nickel, about 7.5 wt% to about 8.5% tin, and the remaining balance is copper. The steps include cold working the copper-nickel-tin alloy wherein the alloy undergoes between 50%-75% plastic deformation. The alloy is heat treated at elevated temperatures between about 740F and about 850F for a time period of about 3 minutes to 14 minutes.

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

(21) Application No.3175/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CAMERA LENS MODULE FOR MOBILE TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G03B17/02 :10-2013-0024600 :07/03/2013 :Republic of Korea :PCT/KR2014/001619 :27/02/2014 :WO 2014/137102 :NA :NA	(71)Name of Applicant: 1)JA HWA ELECTRONICS CO., LTD. Address of Applicant: 1217, Chungcheong-daero, Bugi-myeon Cheongwon-gun Chungcheongbuk-do 363-922 REPUBLIC OF KOREA (72)Name of Inventor: 1)KIM, Hee Seung 2)KIM, In Soo 3)KANG, II Gyu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A camera lens module of a portable terminal is provided. The camera lens module includes: an external case; an Optical Image Stabilizer (OIS) carrier disposed within the external case; and at least one OIS driver disposed in at least one of comer regions of the external case to correct a hand shaking state of the OIS carrier.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CZOCHRALSKI CRUCIBLE FOR CONTROLLING OXYGEN AND RELATED METHODS

:C30B15/12,C30B29/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SUNEDISON, INC. :13/804,585 (32) Priority Date :14/03/2013 Address of Applicant :501 Pearl Drive, St. Peters, Missouri (33) Name of priority country 63376 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2014/025388 (72)Name of Inventor: Filing Date 1)SWAMINATHAN, Tirumani N. :13/03/2014 (87) International Publication No :WO 2014/159879 2) ZEPEDA, Salvador (61) Patent of Addition to Application 3)HILKER, John David :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A system for growing an ingot from a melt includes a first crucible, a second crucible, and a weir. The first crucible has a first base and a first sidewall that form an outer cavity for containing the melt. The weir is located on top of the first base at a location inward from the first sidewall to inhibit movement of the melt from a location outward of the weir to a location inward of the weir. The second crucible is sized for placement within the outer cavity and has a second base and a second sidewall that form an inner cavity. Related methods are also disclosed.

No. of Pages: 45 No. of Claims: 20

(21) Application No.3177/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR TREATING PROSTATE CANCER

(51) International classification :A61B8/14,A61F7/12,A61N7/00 (71)Name of Applicant : (31) Priority Document No :61/785,649 1)NXTHERA, INC. (32) Priority Date :14/03/2013 Address of Applicant: 7351 Kirkwood Lane N, Suite 138, (33) Name of priority country Maple Grove, MN 55369 UNITED STATES OF AMERICA. :U.S.A. (72)Name of Inventor: (86) International Application No:PCT/US2014/028985 1)HOEY, Michael Filing Date :14/03/2014 (87) International Publication No: WO 2014/153082 2) MAUCH, Grant (61) Patent of Addition to 3)SCHROM, Mark :NA **Application Number**

Application Number
Filing Date
(62) Divisional to Application

Number :NA
Filing Date :NA

(57) Abstract:

A vapor delivery needle and method is provided that is adapted for treating prostate cancer. The energy delivery probe can apply condensable vapor energy to tissue, such as a peripheral zone tissue in a human prostate. In one method, a needle is introduced into peripheral zone tissue of a human prostate, and vapor media is delivered through the needle to ablate peripheral zone tissue without ablating non-peripheral zone tissue. Systems for treating prostate cancer with vapor therapy are also provided.

No. of Pages: 34 No. of Claims: 39

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: COPPER-NICKEL-TIN ALLOY WITH HIGH TOUGHNESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:23/04/2014 :WO 2014/176357 :NA :NA	(71)Name of Applicant: 1)MATERION CORPORATION Address of Applicant:6070 Parkland Boulevard, Mayfield Heights, Ohio 44124 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)CRIBB, W. Raymond 2)FINK-BEINER, Chad A. 3)GRENSING, Fritz C.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A spinodal copper-nickel-tin alloy with a combination of improved impact strength, yield strength, and ductility is disclosed. The alloy is formed by process treatment steps including solution annealing, cold working and spinodal hardening. These include such processes as a first heat treatment/homogenization step followed by hot working, solution annealing, cold working, and a second heat treatment/spinodally hardening step. The spinodal alloys so produced are useful for applications demanding enhanced strength and ductility such as for pipes and tubes used in the oil and gas industry.

No. of Pages: 16 No. of Claims: 34

(21) Application No.2730/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : A LOW VISCOSITY KRAFT FIBER HAVING AN ENHANCED CARBOXYL CONTENT AND METHODS OF MAKING AND USING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date	:D21C9/00,D21C9/147,D21C9/16 :61/787,146 :15/03/2013	(71)Name of Applicant: 1)GP CELLULOSE GMBH Address of Applicant:Grafenauweg 4, CH-6300 Zug
(33) Name of priority country	:U.S.A.	SWITZERLAND
(86) International Application No Filing Date (87) International Publication No	:PCT/IB2014/001272 :12/03/2014 :WO 2014/140940	 (72)Name of Inventor: 1)NONNI, Arthur, J. 2)COURCHENE, Charles, E. 3)CARTER, Blair, Roderick
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

⁽⁵⁷⁾ Abstract:

A pulp fiber with an enhanced carboxyl content resulting in improved antimicrobial, anti-yellowing and absorptive properties. Methods for making the kraft pulp fiber and products made from it are also described.

No. of Pages: 49 No. of Claims: 41

(21) Application No.2731/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: INFLUENZA VIRUS REASSORTMENT

(51) International :A61K39/145,C07K14/11,C12N15/85

classification (31) Priority Document No :61/849,325

(31) Priority Document No :61/849,325 (32) Priority Date :23/01/2013 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/IB2014/058501

Filing Date :23/01/2014

(87) International Publication No :WO 2014/115104

(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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel

SWITZERLAND

2)SYNTHETIC GENOMICS VACCINES, INC.

(72)Name of Inventor: 1)DORMITZER, Philip 2)MASON, Peter

3)SUPHAPHIPHAT, Pirada

4) GIBSON, Daniel

5)WENTWORTH, David 6)STOCKWELL, Timothy

7)GLASS, John

(57) Abstract:

Improved methods for the production of reassortant influenza viruses are provided.

No. of Pages: 75 No. of Claims: 41

(21) Application No.2732/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DISPENSING SPEED CONTROL MECHANISM AND INJECTION DEVICE

(51) International :A61M5/315,A61M5/20,A61M5/24

:08/04/2014

classification

(31) Priority Document No :13163108.7 (32) Priority Date :10/04/2013

(33) Name of priority country: EPO

(86) International Application :PCT/EP2014/057000

Filing Date

(87) International Publication :WO 2014/166918

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SANOFI

Address of Applicant: 54 rue La Boétie, F-75008 Paris

FRANCE

(72) Name of Inventor:

1)HIGGINS, Daniel David

2) JONES, Matthew 3)BUTLER, Joseph 4)MARSH, William

(57) Abstract:

The present invention relates to a dispensing speed control mechanism for use in an injection device. The injection device may have a housing (10, 30, 40; 40; 40; 40) and a drive member (70), which is driven by a power reservoir (100, 100) and axially movable between a dose setting position, in which the drive member (70) is rotationally constrained to the housing (10, 30, 40; 40; 40; 40), and a dose dispensing position, in which the drive member (70) is rotationally de-coupled from the housing (10, 30, 40; 40; 40; 40). The speed control mechanism comprises friction means (42) for retarding the drive member (70) during dose dispensing depending on the axial position of the drive member (70). Further, the invention relates to an injection device with such a dispensing speed control mechanism.

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

(21) Application No.2882/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A LAMP LIGHTING CONTROL CIRCUIT

(51) International classification	:H05B37/02	(71)Name of Applicant:
(31) Priority Document No	:2005-	1)SHINDENGEN ELECTRIC MANUFACTURING CO.,
(-, -, -, -, -, -, -, -, -, -, -, -, -, -	134477	LTD.
(32) Priority Date	:02/05/2005	Address of Applicant :2-1, OTEMACHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-0004 JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAKASHIMA TOYOTAKA
(87) International Publication No	: NA	2)NIIZEKI SEIJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:	
Filed on	:01/01/1900	

(57) Abstract:

A lamp lighting control circuit, which separates the alternating-current output of an alternating-current generator(2001)into half-wave components of positive and negative sides, and supplies one half-wave component to a charging terminal of a battery(2008) and the other half-wave component to a lamp through a thyristor (2002), the lamp lighting control circuit, comprising: a phase control means (2005) which integrates an output voltage of the alternating-current generator and generates a delay time which correlates positively with the output voltage of the alternating-current generator, and a thyristor control means(2004) which controls a firing timing of the thyristor with a generated delay time, and the phase control means which generates the delay time for the half-wave component output of the alternating-current generator supplied to the lamps in accordance with a voltage level of a half-wave component before half cycle.

No. of Pages: 61 No. of Claims: 5

(21) Application No.3194/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SUPPORTING NUCLEAR FUEL 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G21C19/06 :61/787,764 :15/03/2013 :U.S.A. :PCT/US2014/030298 :17/03/2014 :WO 2014/204537 :NA :NA	(71)Name of Applicant: 1)NUSCALE POWER, LLC Address of Applicant:1100 NE Circle Boulevard., Suite 200, Corvallis, Oregon 97330 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)CADELL, Seth 2)LISZKAI, Tamas
•	:NA :NA	

(57) Abstract:

A nuclear reactor module includes a reactor vessel; a core that includes one or more nuclear fuel assemblies; and a neutron reflector that surrounds the core and is made at least in part of alumina.

No. of Pages: 26 No. of Claims: 20

(21) Application No.3195/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: FLUID FLOW CONTROL DEVICES AND SYSTEMS, AND METHODS OF FLOWING FLUIDS **THERETHROUGH**

(51) International classification:F16L55/02,F16L55/04,F16L55/24 (71) Name of Applicant:

(31) Priority Document No :13/840,906 (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/033888

:26/03/2013

Filing Date

(87) International Publication :WO 2014/143073

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

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

1)FLOWSERVE MANAGEMENT COMPANY

Address of Applicant: 5215 North O'Connor Boulevard, Suite 2300, Irving, TX 75039 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1)PARISH, Jeff

2) HAINES, Bradford 3)DECKER, Gifford

(57) Abstract:

Fluid flow control devices comprise a cylindrical body extending along a longitudinal axis and having a sidewall. The cylindrical body has a first channel extending longitudinally along the sidewall and a second channel extending longitudinally along the sidewall. At least a portion of one of the at least one first channel and the at least one second channel extends longitudinally at an oblique angle with respect to the longitudinal axis to form a pattern of channels for improving the flow characteristics of a fluid through the channels.

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

Address of Applicant :20 YEOUIDO-DONG,

(19) INDIA

(22) Date of filing of Application: 16/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A METHOD FOR ENCODING/RECEIVING UPLINK ACKNOWLEDGEMENT INFORMATION IN RESPONSE TO DOWNLINK TRANSMISSION AND A PORTABLE DEVICE THEREOF

(51) International classification :H04L 1/18 (31) Priority Document No :10-2006-0054564 (32) Priority Date :16/06/2006 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2007/002944

Filing Date :18/06/2007 (87) International Publication No

(61) Patent of Addition to Application Number

Filing Date (62) Divisional to Application Number

Filed on

YEONGDEUNGPO-GU, SEOUL, 150-721 REPUBLIC OF **KOREA** (72)Name of Inventor:

:WO/2007/145492

:NA :NA

:4935/KOLNP/2008 :05/12/2008

3)KIM, KI JUN 4)KIM, EUN SUN 5)YOON, SUK HYON 6)SEO, DONG YOUN 7)LEE, JUNG HOON

2)YUN, YOUNG WOO

1)KIM, BONG HOE

(71)Name of Applicant: 1)LG ELECTRONICS INC.

8) JUNG, IN JAE 9)AHN, JOON KUI 10)KIM, HAK SEONG

(57) Abstract:

The present invetion discloses a method for encoding uplink acknowledgment information in response to downlink transmissions, the method comprising receiving a plurality of data blocks, wherein each of the data blocks includes an associated cyclic redundancy check (CRC); determining received status for each of the plurality of data blocks by checking the CRC of each of the plurality of data blocks; encoding a single response sequence which indicates the received status of all of the plurality of data blocks. The present invetion also disloses a coresponding portable device for encoding uplink acknowledgment information in response to downlink transmissions, the portable device comprising a receiver, and a processor. The present invetion also dicloses a method for receiving uplink acknowledgment information in response to downlink transmissions.

No. of Pages: 49 No. of Claims: 15

(21) Application No.3038/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYSTEMS AND METHODS FOR TREATING OR SUPPORTING HUMAN JOINTS OR A PORTION OF THE HUMAN BODY

(51) International :A61B5/103,A61B5/117,A61B17/56

classification :61/784,927 (31) Priority Document No

(32) Priority Date :14/03/2013 (33) Name of priority country:U.S.A.

(86) International :PCT/US2014/028698

Application No :14/03/2014 Filing Date

(87) International Publication :WO 2014/153017

(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)CYMEDICA, INC.

Address of Applicant: 10040 E. Happy Valley Road, Unit 7, Scottsdale, Arizona 85255 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1) COLEMAN, Struan 2) DOMENICO, Calvin 3) GIESWEIN, Edison

(57) Abstract:

Disclosed is a system including a good comprising a sensor in contact with human tissues of a patient and configured to obtain a power dissipation reading of the human tissues. The good also includes a storage medium for tangibly storing thereon a program for execution by a processor. The system also includes a control unit in communication with the good to form an electrical muscular stimulation (EMS) system that uses feedback in a closed loop manner to self tune electrical properties of the output. The control unit is configured to instruct the sensor to (a) apply a sense pulse to the human tissues, (b) measure power dissipation of the sense pulse, (c) adjust a stimulation pulse based on the measured power dissipation, (d) apply the stimulation pulse to the human tissues based on the power dissipation and based on the program in order to maintain constant power output across each pulse, and (e) repeat steps (a)-(d).

No. of Pages: 53 No. of Claims: 22

(22) Date of filing of Application :16/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM FOR THE TREATMENT OF PELLET FINES AND/OR LUMP ORE AND/OR INDURATED PELLETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:08/03/2013 :WO 2014/135222	(71)Name of Applicant: 1)OUTOTEC (FINLAND) OY Address of Applicant:Rauhalanpuisto 9, FI-02230 Espoo FINLAND (72)Name of Inventor: 1)ADIPURI, Andrew 2)LAUMANN, Max-Dieter 3)KOKKONEN, Kasper
<u>e</u>		
(87) International Publication No	:WO 2014/135222	2)LAUMANN, Max-Dieter
(61) Patent of Addition to Application	:NA	3)KOKKONEN, Kasper
Number		4)EICHBERGER, Heinz
Filing Date	:NA	5)ELSENHEIMER, Gerd
(62) Divisional to Application Number	:NA	6)STRÜBER, Georg
Filing Date	:NA	

(57) Abstract:

A System for the treatment of pellet fines, and/or lump ore, and/or indurated pellets, comprises a first feeder (1) for feeding lump ore and/or indurated pellets, and a second feeder (6) for feeding green pellets produced from iron ore concentrate in a pelletizing unit (9), a traveling grate (4) and a reactor for further treatment of the feed material. The first feeder (1) is provided to feed the lump ore and/or indurated pellets, and the second feeder (6) is provided to feed green pellets onto the traveling grate (4), wherein the first feeder (1) for feeding the lump ore and/or indurated pellets is provided upstream of the second feeder (6) for feeding green pellets.

No. of Pages: 15 No. of Claims: 12

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENERGY MANAGEMENT SYSTEMS AND METHODS OF USE

(57) Abstract:

A method of designing an optimized heating and cooling system includes: (1) simulating energy use of a virtual heating and cooling system operating a first potential thermal source or sink under a plurality of conditions; (2) simulating energy use of the virtual heating and cooling system operating a second potential thermal source or sink under a plurality of conditions; (3) optimizing the energy use of the virtual system operating the first potential thermal source or sink or the second potential thermal source or sink using neural network optimization; and (4) designing a heating and cooling system based upon the optimization of the energy use of the virtual system.

No. of Pages: 31 No. of Claims: 28

(21) Application No.3053/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF PREPARING A MUSCADINE POMACE EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/828,707 :14/03/2013 :U.S.A.	(71)Name of Applicant: 1)SHAKLEE CORPORATION Address of Applicant: 4747 Willow Road, Pleasonton, CA 94588-2740 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)IANIRO, Teodoro, T. 2)FISHER, Laurel A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Muscadine grape extracts are disclosed that have antioxidant properties. The extracts are a mixture of extracts from bronze and purple muscadine grapes that unexpectedly increase the solubility of ellagic acid in the mixture. Solvent extracts are obtained in some examples by water extracting the pomaces of the grapes from which the juice has substantially been removed. Further surprising increases in ellagic acid solubility can also be obtained by adding an additional source of anthocyanins to the extract, for example by including in the composition an extract of whole purple muscadine grapes from which substantial amounts of the juice have not been removed. Other additional sources of anthocyanins include blueberries, blackberries and raspberries; the additional source of anthocyanins can be obtained from a fruit processing waste stream to increase the efficiency of the production process.

No. of Pages: 48 No. of Claims: 39

(21) Application No.3054/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTISENSE MOLECULES FOR TREATMENT OF STAPHYLOCOCCUS AUREUS INFECTION

(51) International :A61K48/00,C12N15/11,A61K38/04 classification (31) Priority Document No :61/786,946 (32) Priority Date :15/03/2013 (33) Name of priority :U.S.A. country (86) International :PCT/US2014/028855 Application No :14/03/2014

Filing Date

(87) International Publication: WO 2014/144442

(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)TECHULON INC.

Address of Applicant: 2200 Kraft Drive, Suite 2475, Blacksburg, VA 24060 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1)MALONE, Brett 2)BRYSON, Joshua

(57) Abstract:

Disclosed are antisense molecules and compositions for the treatment of Staphylococcus aureus infection. The antisense molecules and compositions comprise nucleic acid molecules, such as RNA, DNA, or nucleic acid molecules with modified backbones, such as PNA. The antisense molecules and compositions inhibit expression of membrane stability proteins in Staphylococcus aureus; are optionally conjugated to cell penetration molecules such as peptides; and are optionally administered in the form of a nanoparticle composition.

No. of Pages: 34 No. of Claims: 16

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

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PTD-SMAD7 THERAPEUTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C12P19/34 :61/775,252 :08/03/2013 :U.S.A. :PCT/US2014/022052 :07/03/2014 :WO 2014/138670 :NA	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE Address of Applicant: 1800 Grant Street, 8th Floor, Denver, Colorado 80203 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)WANG, Xiao-Jing 2)ZHANG, Qinghong 2)DEFAUL Ward
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present technology provides methods and compositions for the treatment of inflammatory and/or tissue damage conditions. In particular, the use of Smad7 compositions delivered locally or systemically to a site of inflammation and/or tissue damage is described. Other specific embodiments concern treatment or prevention of side effects caused by radiation and/or chemotherapy, including but not limited to oral and gastric mucositis. Also provided are codon-optimized nucleic acids encoding for Smad7 fusion proteins.

No. of Pages: 163 No. of Claims: 48

(21) Application No.3221/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: SYNTHETIC RESIN SLIDE BEARING

(51) International :F16C17/04,B60G15/06,F16C17/02

classification (31) Priority Document No :2013-083399

(32) Priority Date :11/04/2013

(33) Name of priority country: Japan

(86) International Application :PCT/JP2014/001216

:05/03/2014 Filing Date

(87) International Publication :WO 2014/167771

(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)OILES CORPORATION

Address of Applicant :2-70, Kounan 1-chome, Minato-ku,

Tokvo, 1080075 JAPAN

2)OILES DEUTSCHLAND GMBH

(72)Name of Inventor: 1)SAKAIRI, Yoshikazu 2)SAITO, Katsunori 3)HAMRODI, Robert 4)METZLER, Kai

5)IGARASHI, Yoshiteru

The synthetic resin slide bearing (1) is provided with: a synthetic resin upper case (2) that is fixed to the vehicle via attachment members; a reinforced synthetic resin lower case (3), which is stacked on the upper case (2) so as to rotate freely with respect to the upper case (2) around the shaft center (O) in the circumferential direction (R); and a synthetic resin slide bearing piece (5) disposed in a space (4) between the upper case (2) and the lower case (3).

No. of Pages: 46 No. of Claims: 10

(21) Application No.3222/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: SIDE MERGE INTRADERMAL ADAPTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61M5/32,A61M5/50 :61/772,264 :04/03/2013 :U.S.A. :PCT/US2014/019907 :03/03/2014 :WO 2014/137901 :NA :NA	(71)Name of Applicant: 1)SID TECHNOLOGIES, LLC Address of Applicant: 2033 Trowbridge Drive, Newtown, PA 18940 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)TSALS, Izrail
` '		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Side merge intradermal adapters (200) having a longitudinal adapter centerline (201) defining a vertical longitudinal adapter plane and including a trailing skin contact guide (213) manually pivotal on a transverse pivot axis (214) perpendicular to the vertical longitudinal adapter plane from an initial unclamping position to final clamping position. The trailing skin contact guide (213) aligns and stiffens a needle cannula (116) in its final clamping position. Side merge intradermal adapters (200) intended for use in developing countries can be provisioned with auto-disable features for precluding reloading with a second pre-filled syringe with a permanently fixed needle cannula after use with a first pre-filled syringe (12).

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

(21) Application No.2762/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MICROCARRIER PERFUSION CULTURING METHODS AND USES THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (38) International Publication No (39) Filing Date (30) Filing Date (30) Filing Date (31) Patent of Addition to Application (31) Patent of Addition to Application (31) Priority Country (32) Priority Date (32) Priority Date (32) Priority Date (31) Priority Document No (22) Priority Date (31) Priority Document No (32) Priority Date (22)02/2013 (U.S.A. (PCT/US2014/C) (21)02/2014 (WO 2014/1308 (NA (NA (SA) (NA (NA (SA) (NA (NA (SA) (NA	(71)Name of Applicant: 1)GENZYME CORPORATION Address of Applicant:500 Kendall Street, Cambridge, Massachusetts 02142 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)YANG, Jianguo 2)YANG, Yang
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(57) Abstract:

Provided herein are methods of culturing a mammalian cell and various methods that utilize these culturing methods.

No. of Pages: 88 No. of Claims: 110

(21) Application No.2763/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MICROCARRIER PERFUSION CULTURING METHODS 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 	:C12N5/00 :61/768,085 :22/02/2013 :U.S.A. :PCT/US2014/017803 :21/02/2014 :WO 2014/130872 :NA :NA	(71)Name of Applicant: 1)GENZYME CORPORATION Address of Applicant:500 Kendall Street, Cambridge, Massachusetts 02142 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)YANG, Jianguo 2)YANG, Yang 3)TENGTRAKOOL, Jennifer 4)ZHOU, Weichang
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(57) Abstract:

Provided herein are methods of culturing a mammalian cell and various methods that utilize these culturing methods.

No. of Pages: 120 No. of Claims: 115

(21) Application No.2764/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: COLLAPSIBLE VALVE WITH INTERNAL DIMPLES

(51) International :A61M39/24,A61M39/22,A61M39/26

classification (31) Priority Document No :13/801,399

(31) Priority Document No :13/801,399 (32) Priority Date :13/03/2013 (33) Name of priority :U.S.A.

country (86) International

Application No :PCT/US2014/017824

Filing Date :21/02/2014

(87) International Publication No :WO 2014/143528

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

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

(71)Name of Applicant : 1)CAREFUSION 303, INC.

Address of Applicant :3750 Torrey View Court, San Diego,

California 92130 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1)OUACH, Matthew

2)MANSOUR, George Michel

3)YEH, Jonathan

4)ZOLLINGER, Christopher J.

(57) Abstract:

A needleless connector has a body having an internal cavity with a sealing ridge, a port, an output flow channel, and a fluid flow path between the port and output flow channel. The connector also has a collapsible valve disposed within the cavity. The valve includes a cylindrical wall having a center axis, an internal surface, and a shoulder configured to sealingly contact the ridge of the body, thereby blocking the fluid flow path. The valve also includes a head fixedly attached to the wall. The head has a smiley cut at a first angular position about the center axis and a continuous top surface that is generally perpendicular to the axis. The valve also includes a first dimple formed in the internal surface of the cylindrical wall. The dimple extends around the internal surface over an angle in the range of 90-270°.

No. of Pages: 17 No. of Claims: 16

(22) Date of filing of Application :05/10/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : METHOD OF TREATING PANCREATIC AND LIVER CONDITIONS BY TRANSPLANTATION OF STEM CELLS INTO BILE DUCT WALLS

(31) Priority Document No:61/780,644(32) Priority Date:13/03/2013(33) Name of priority country:U.S.A.	2)UNIVERSITY OF MIAMI 3)SAPIENZA UNIVERSITA DI ROMA (72)Name of Inventor: 1)RFID Lola McAdams
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(57) Abstract:

A method of repairing diseased or dysfunctional pancreas or liver is provided. The method involves preparation of a suspension of stem cells and/or progenitor cells such as biliary tree stem cells, hepatic stem cells, pancreatic stem cells or their descendants, committed progenitor cells, from healthy tissue of the patient or of the biliary tree of a non-autologous donor and engrafting the cells into the wall of bile ducts near to the organ to be treated. The graft consists of stem cells or progenitors that are admixed with biomaterials and, optionally, with cytokines and/or native epithelial-mesenchymal cells appropriate for the maturational lineage stage of the cells to be engrafted. The cells are specifically introduced to the hepato-pancreatic common duct of the subject for treatment of pancreatic conditions or to the bile duct wall near to the liver for treatment of liver conditions and allowed to migrate to the pancreas or to the liver and expand and then rebuild part or the entirety of the diseased or dysfunctional organ.

No. of Pages: 48 No. of Claims: 25

(21) Application No.3247/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/10/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: REFRIGERATOR

(51) International :F25D17/06,F04D29/44,F25D19/00 classification

(31) Priority Document No :NA

(32) Priority Date :NA

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

:PCT/KR2013/001745

:05/03/2013

Filing Date (87) International Publication :WO 2014/136997

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)LG ELECTRONICS INC.

Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu

Seoul 150-721 REPUBLIC OF KOREA

(72) Name of Inventor:

1)YOO, Myung Keun

2)SON, Ho Hyun

3)SONG, Hyun Sook

(57) Abstract:

A refrigerator of the present invention comprises: an evaporator; a shroud provided with a suction hole for sucking the air heatexchanged with the evaporator; a fan motor unit provided to the shroud; a discharge panel provided with a discharge hole for discharging, to a storage chamber, the air flowing by the fan motor unit; and a door for opening and closing the storage chamber, wherein the shroud is provided with a fan motor unit provision part at the surface facing the discharge panel so as to provide the fan motor unit thereto, and the fan motor unit enables the air to flow at a position between the shroud and the discharge panel so as to minimize the passage resistance of the air, which is sucked through the suction hole, and minimize noise.

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

(21) Application No.3083/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/09/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : PROBE ARRAY BASE, METHOD OF MANUFACTURING THE SAME AND METHOD OF MANUFACTURING PROBE ARRAY

(51) International classification :G01N 33/53
(31) Priority Document No :2006-002736
(32) Priority Date :10/01/2006
(33) Name of priority country :Japan

(86) International Application No :PCT/JP2006/3255: Filing Date :21/12/2006

(87) International Publication No :WO/2007/080761 (61) Patent of Addition to Application

Number :NA
Filing Date :NA

(62) Divisional to Application Number :2723/KOLNP/2008 Filed on :07/07/2008 (71)Name of Applicant:

1)MURATA MANUFACTURING CO., LTD.

Address of Applicant :10-1, HIGASHIKOTARI 1-CHOME NAGAOKAKYO-SHI, KYOTO-FU 617-8555 JAPAN

:PCT/JP2006/325518 (72)Name of Inventor :

1)SHIBAHARA, TERUHISA

(57) Abstract:

A probe array substrate, wherein probe holders (102) having a groove (105) are aligned at definite intervals on a solid substrate (100), is constructed by anisotropically etching a monocrystalline silicone board. Then, a probe solution is supplied from multiple tank arrays having a definite cylinder cycle into the probe holders by capillary action. Thus, a probe array, which is usable as, for example, a DNA chip or an antigen chip, has a high integration density and can sustain a definite and sufficient amount of probe molecules, can be formed.

No. of Pages: 45 No. of Claims: 9

(22) Date of filing of Application :21/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PACKAGING ASSEMBLY FOR STORING TISSUE AND CELLULAR MATERIAL

(51) International classification :A61J1/05,B65D30/24,B65D81/32 (71)Name of Applicant : (31) Priority Document No :61/767,858 (32) Priority Date :22/02/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/018044 No

:24/02/2014 Filing Date

(87) International Publication :WO 2014/130953

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

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

1)LIFENET HEALTH

Address of Applicant: 1864 Concert Drive, Virginia Beach,

VA 23453 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1) CHEN, Silvia 2) JOHNSON, Austin 3)BRACONE, Roberto

(57) Abstract:

The invention is an improved packaging assembly for storing, distributing, treating, mixing, and dispensing tissue and/or cellular material and/or implantable material. The packaging assembly may include pouches, tubes, and a bag made of a sealable, flexible polymeric material that is open at one end and a needle-free swabable connector attached to the pouch at the other end and acting as a port to allow for the introduction or discharge of biological solutions, rinsing solution, and/or preservation solutions into the packaging assembly. The designed thickness of the wall of the packaging assembly facilitates efficient heat/cold transfer, which is useful for successful controlled rate freezing, quick thawing, and resuscitation of viable cells or tissue. The invention is also useful for combining additional biological fluids with the cellular material or tissue, and for efficient mixing of the biological fluids with the tissue and/or cellular material in the assembly.

No. of Pages: 59 No. of Claims: 66

(21) Application No.3085/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: RESIN COMPOSITION, FRICTION MATERIAL, AND METHOD FOR PRODUCING SAME

:C08L61/06,C08J5/14,C08K3/24 (71)Name of Applicant : (51) International classification

:12/03/2014

(31) Priority Document No :2013-065577 (32) Priority Date :27/03/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/056502

No

Filing Date

(87) International Publication No: WO 2014/156654

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)OTSUKA CHEMICAL CO. LTD.

Address of Applicant: 2-27, Otedori 3-chome, Chuo-ku,

Osaka-shi, Osaka 5400021 JAPAN

(72) Name of Inventor: 1)DAIMON, Emiko

2)NOMOTO, Takuya

(57) Abstract:

Provided are: a resin composition that can impart superior moldability and wear resistance when used as a friction material or the like; and a method for producing the resin composition. The present invention is characterized by a pre-curing thermosetting resin containing a dispersed titanate compound that is a salt of at least one element selected from the group of alkali metals and alkaline earth metals.

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

(21) Application No.3086/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ADHESIVE LABEL FOR INKJET RECORDING

(51) International classification :G09F3/02,B32B27/00,B41J2/01 (71)Name of Applicant :

(31) Priority Document No :2013-044885 (32) Priority Date :07/03/2013

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2014/056595

Filing Date :06/03/2014

(87) International Publication No: WO 2014/136989

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

:NA Number :NA

Filing Date

1)RICOH COMPANY, LTD.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokvo, 1438555 JAPAN (72)Name of Inventor: 1) UETAKE, Kazuyuki

(57) Abstract:

Provided is an adhesive label for inkjet recording: including a support member; an ink receiving layer and a releasing layer disposed on one surface of the support member in this order; and an adhesive layer disposed on the other surface of the support member. The releasing layer includes at least a silicone resin. A releasing layer coverage, which is a percentage at which the releasing layer covers the surface of the ink receiving layer, is from 20% to 70%.

No. of Pages: 118 No. of Claims: 9

(22) Date of filing of Application :07/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DRIVE CIRCUIT FOR A PERMANENT MAGNET MOTOR

(57) Abstract:

A drive circuit for an electric motor connected in series with an AC power source between a first node and a second node. The drive circuit includes a controllable bidirectional AC switch, an AC-DC conversion circuit connected in parallel with the controllable bidirectional AC switch between the first node and the second node, a position sensor configured to detect a position of a rotor of the motor, and a switch control circuit configured to control the controllable bidirectional AC switch to be conductive or non-conductive in a predetermined way, based on the position of the rotor and a polarity of the AC power source.

No. of Pages: 28 No. of Claims: 21

(21) Application No.3196/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MEDICAL TOOL SYSTEM

(51) International classification (31) Priority Document No :13157855.1 (32) Priority Date :05/03/2013 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2014/050797 Filing Date :16/01/2014

(87) International Publication No :WO 2014/135293 (61) Patent of Addition to Application

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

:A61B17/16,A61B17/17 (71)Name of Applicant :

1)WALDEMAR LINK GMBH & CO. KG

Address of Applicant :Barkhausenweg 10, 22339 Hamburg

GERMANY

(72) Name of Inventor: 1)BALZARINI, Amos

(57) Abstract:

The invention relates to a medical tool system (1) for providing a trapezoidal recess in a joint surface of a bone, comprising a milling tool (2), which can be rotated about a tool axis (7) and which has milling edges (6) that are active on the circumferential side and milling edges (6) that are active at an axial end with respect to the tool axis (7), and comprising a template part (3), which can be fixed to the joint surface, for guiding the milling tool (2), wherein a stop (10, 19) is provided which limits a penetration depth of the milling tool (2). The medical tool system is to be designed such that the medical tool system allows a simple and reliable production of recesses with a trapezoidal cross-section in a joint surface of a bone even under spatially restricted conditions. According to the invention, this is achieved in that the template part (3) has a base element (4) with a slide guide (12) and a slide (5) which can be moved in the slide guide (12) between two end stops along a guide path lying on a guide plane. A guide channel (18), which runs diagonally to the guide plane and leads to a milling tool (2) receiving area directed transversely to the tool axis (7), is formed in the slide (5) such that the milling tool (2) can rotate freely about the tool axis (7).

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

:NA

(19) INDIA

(22) Date of filing of Application :29/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: GAS DECOMPOSITION REACTOR FEEDBACK CONTROL USING RAMAN SPECTROMETRY

(51) International classification: B01J8/18,B01J19/00,C01B33/027 (71)Name of Applicant: :13/830,514 1)SUNEDISON, INC. (31) Priority Document No (32) Priority Date :14/03/2013 Address of Applicant :501 Pearl Drive, St. Peters, Missouri (33) Name of priority country 63376 UNITED STATES OF AMERICA. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2014/026488 No 1)GRABBE, Alexis :13/03/2014 Filing Date 2)PAYRA, Pramatha (87) International Publication :WO 2014/160396 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A gas decomposition reactor for the decomposition of a gas into a mixture of solid and gaseous by-products is disclosed. The gas decomposition reactor includes a reactor vessel, a Raman spectrometer, and a processor. The reactor vessel has an inlet for receiving inlet gas and an exhaust outlet for releasing exhaust gas. The Raman spectrometer is connected with the exhaust outlet for determining a chemical conversion within the reactor chamber and generating a corresponding signal. The processor is connected with the Raman spectrometer to receive the signal from the Raman spectrometer. The processor is capable of comparing the signal with a set of values and calculating differences between the signal and the set of values. The processor is connected with the inlet to regulate a flow of the inlet gas.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention : PHASE TRANSFORMATION OF GOETHITE RICH IRON ORES FOR IMPROVED LIBERATION AND BENEFICIATION

 (51) 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 :NA : NA	(71)Name of Applicant: 1)TATA STEEL LIMITED Address of Applicant: JAMSHEDPUR-831001, INDIA Jharkhand (72)Name of Inventor: 1)N. GURULAXMI SRIKAKULAPU 2)ASIM KUMAR MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)ASIM KUMAR MUKHERJEE
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A method of selective fragmentation to improve liberation and beneficiation of low grade iron ores such as goethite rich hematite iron ores of different compositions where goethite can be phase transformed to hematite during pre-treatment processes such as microwave heating or thermal heating followed by quenching. This method enhances the liberation characteristics and amenable to beneficiation through internal fractures by pre-treatment processes.

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

(21) Application No.3203/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : PRINTING PLATE UNIT, PLATE CYLINDER DEVICE AND PRINTING PLATE UNIT AUTOMATIC ATTACHMENT DEVICE FOR PRINTER

(51) International classification: B41F27/12,B41F27/10,B41N1/16 (71) Name of Applicant: (31) Priority Document No :2013-183009 1)I. MER CO., LTD. (32) Priority Date :04/09/2013 Address of Applicant: 108 Yamashiroyashiki-cho, Misu, (33) Name of priority country Yokooji, Fushimi-ku, Kyoto-shi, Kyoto 6128207 JAPAN :Japan (86) International Application (72) Name of Inventor: :PCT/JP2014/073274 1)IZUME, Masayuki :04/09/2014 Filing Date (87) International Publication :WO 2015/033987 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A printing plate unit automatic attachment device (81) is provided with the following: a pressing member (96) that is inserted from an opening part (33) for pressing member insertion and that presses an inner slider (36) in opposition to the impelling force of a printing plate connection member impelling device (35); a holding means (94) that holds and releases a printing plate unit (1) by holding and releasing a projecting part (11a) which serves as a gripping part provided at the printing plate unit (1); and a driving device (92) that causes the holding means (94) to move in a plate drive shaft axial-direction.

No. of Pages: 112 No. of Claims: 20

(51) International

(32) Priority Date

(86) International

(87) International

Publication No

Application No

(33) Name of priority

Filing Date

Application Number

Filing Date

Application Number

Filing Date

(62) Divisional to

(61) Patent of Addition to

(31) Priority Document No:61/780,910

classification

country

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PREFUSION RSV F PROTEINS AND THEIR USE

:13/03/2013

:13/03/2014

:PCT/US2014/026714

:WO 2014/160463

:U.S.A.

:NA

:NA

:NA

:NA

(71)Name of Applicant:

1)THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES

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(72) Name of Inventor:

1)KWONG, Peter, D.

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7)BOYINGTON, Jeffrey

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10)SOTO, Cinque

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14)CHEN, Man

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16)GORMAN, Jason

17)OFEK, Gilad

18)SASTRY, Mallika

19)YANG, Yongping

20) ZHOU, Tongqing

(57) Abstract:

Disclosed are Respiratory Syncytial Virus (RSV) antigens including a recombinant RSV F protein stabilized in a prefusion conformation. Also disclosed are nucleic acids encoding the antigens and methods of producing the antigens. Methods for generating an immune response in a subject are also disclosed. In some embodiments, the method is a method for treating or preventing a RSV infection in a subject by administering a therapeutically effective amount of the antigen to the subject.

No. of Pages: 311 No. of Claims: 107

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CLEANING INSTALLATION FOR INDUSTRIALLY MANUFACTURED COMPONENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:B08B3/02,B08B3/04 :20 2013 100 959.8 :06/03/2013 :Germany :PCT/EP2014/052088 :04/02/2014 :WO 2014/135319 :NA :NA	(71)Name of Applicant: 1)TMS TURNKEY MANUFACTURING SOLUTIONS GMBH Address of Applicant: Gaisbergerstraße 50, A-4031 Linz AUSTRIA (72)Name of Inventor: 1)WITTENDORFER, Reiner 2)ARMBRUSTER, Martin 3)EMBACHER, Peter
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(57) Abstract:

In order to keep the base area of a cleaning installation for industrially manufactured components as small as possible, provision is made for the process chambers (4, 5, 23) and the robot chamber (3) of the cleaning installation to be arranged on a base plate (7), wherein the base area (8) of the base plate (7) is larger than the common base area (9) of the process chambers (4, 5, 23) and robot chamber (3), and at least two spatially separate cavities (10, 11, 20) for receiving the process fluids are provided in the base plate (7), wherein the cavities (10, 11, 20) each extend at least partially beneath the process chambers (4, 5, 23) and at least partially outside the common base area (9) of the process chambers (4, 5, 23) and robot chamber (3), and at least one hydraulic component of a hydraulic circuit is arranged on the base plate (7) over at least one cavity (10, 11, 20).

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

(21) Application No.3217/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ROOFING PANEL WITH ANTI-DRIP FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E04D3/28 :MI2013A000620 :16/04/2013 :Italy :PCT/IB2014/060769 :16/04/2014 :WO 2014/170844 :NA	(71)Name of Applicant: 1)GI-PLAST S.R.L. Address of Applicant: Via B. Franklin, 6, I-21050 Lonate Ceppino (VA) ITALY (72)Name of Inventor: 1)GHIDI, Enrico
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A panel (1) for the construction of roofing arrangements according to the present invention is described, comprising two substantially opposite surfaces (2, 3)¾and a plurality of elongated recesses (10) formed on at least one of the two opposite surfaces of the panel. The panel is made of a thermoplastic material, preferably polycarbonate, Moreover, a roofing arrangement (20) for structures (21) formed by means of one or more panels (1) according to the invention is described, wherein the surface (2) of the panel (1) comprising the plurality of elongated recesses (10) forms the inner surface of the roofing arrangement (20). The pane! (1) is particularly used for the construction of roofing arrangements for structures designed for plant cultivation and/or plant protection, such as greenhouses, nurseries, covered gardens, etc.

No. of Pages: 32 No. of Claims: 22

(21) Application No.3218/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN OPTICALLY ACTIVE DIMETHOXYNAPHTHALENE COMPOUND AND ITS COMPOSITION

(51) International classification	:C07C41/16 C07C43/20	(71)Name of Applicant: 1)MITSUBISHI TANABE PHARMA CORPORATION
(31) Priority Document No	:2005-292040	Address of Applicant :2-10,DOSHO-MACHI 3
(32) Priority Date	:05/10/2005	CHOME,CHUO-KU OSAKA-SHI, OSAKA 541-8505 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2006/319932	1)NAOTSUKA ATSUKO
Filing Date	:05/10/2006	2)KIKUCHI MATSUO
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:1601/KOLNP/2008	
Filed on	:22/04/2008	

(57) Abstract:

Dermatitis remedies for external use, containing as the active ingredient compounds represented by the general formula [I] or pharmacologically acceptable salts thereof: [I] wherein R1 and R2 are each lower alkoxy; =X- is the group represented by the following formula: or the group represented by formula: =N-; A is a saturated or unsaturated nitrogen-containing heterobicyclic group having one to four substituents selected from among hydroxyl, oxo, lower alkoxy, di(lower alkyl)aminophenyl, piperidino(lower alkoxy), morpholino(lower alkoxy), cyclo(lower alkyl)amino(lower alkyl)amino, pyridyl, and morpholino; and symbol represents a single or double bond.

No. of Pages: 28 No. of Claims: 2

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: AN UPLINK CHANNEL CONFIGURATION METHOD IN A RADIO COMMUNICATION 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 :3306	T/JP2007 (72)Name of Inventor: 002 1)HIGUCHI, KENICHI 02/2007 2)SAWAHASHI,MAMORU A 3)ATARASHI, HIROYUKI	
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(57) Abstract:

An uplink channel configuration method in a radio communication system is disclosed. The method involves: a step of including a random access channel and an uplink shared channel as transport channels; a step of including as physical channels a physical random access channel as an independent radio resource to which the random access channel of the transport channel is mapped and a physical uplink shared channel as an independent radio resource to which the uplink shared channel of the transport channel is mapped; and a step of sharing the uplink shared channel by plural users while a dedicated channel allocated to each user is removed.

No. of Pages: 28 No. of Claims: 5

(22) Date of filing of Application :01/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: PRIMER TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C12Q1/68 :1301857.7 :01/02/2013 :U.K. :PCT/EP2014/052072 :03/02/2014 :WO 2014/118377 :NA :NA :NA	(71)Name of Applicant: 1)SELVI, Ozan Address of Applicant: Konutkent-2 A7 Blok No: 57 06800, Çayyoly, Ankara TURKEY 2)ORCAN, Serkan (72)Name of Inventor: 1)SELVI, Ozan 2)ORCAN, Serkan 3)TOKSÖZ, SILA
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(57) Abstract:

The present invention provides a method of nucleic acid manipulation comprising: (i) hybridizing a double stranded primer to the 3 end of a single stranded nucleic acid template wherein said primer comprises a double stranded region and a single stranded region wherein the single stranded region is a 3 overhang region and wherein the 3 overhang region enables the double stranded primer to target and hybridize to the 3 end of the nucleic acid template wherein said single stranded 3 overhang region comprises a degenerate sequence or a sequence comprising universal bases and wherein the double stranded primer is made up of two separate strands; (ii) at least one round of polymerization using a polypeptide with 5 to 3 DNA polymerization activity wherein at least the first round of polymerization comprises using a polypeptide with 5 to 3 DNA polymerization activity to carry out a primer extension reaction to synthesise nucleotides in a template dependent manner from the 3 end of the single stranded region of said hybridized double stranded primer; wherein the hybridizing step (i) and at least the first primer extension reaction from the 3 end of the single stranded region of said hybridized double stranded primer in step (ii) takes place without the formation of a phosphodiester bond between the 3 end of the nucleic acid template and the double stranded primer of step (i). Products kits and compositions suitable for use in such methods are also provided.

No. of Pages: 211 No. of Claims: 50

(21) Application No.3209/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MAGNETIC DETECTOR

(51) International classification :A61B5/06,G01R33/12,G01V3/10 (71)Name of Applicant :

:13/799,334 (31) Priority Document No (32) Priority Date :13/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/GB2014/050731

:12/03/2014 Filing Date

(87) International Publication

:WO 2014/140566

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ENDOMAGNETICS LTD.

Address of Applicant :325 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG UNITED

KINGDOM.

(72) Name of Inventor:

1) HATTERSLEY, Simon Richard 2)LAITENBERGER, Peter Georg 3)BRAZDEIKIS, Audrius

(57) Abstract:

A probe for detecting magnetic particles. In one embodiment, the probe includes: a cylindrical probe core having a first end and a second end, the cylindrical probe core defining two channels for containing coils of wire, one of the channels being adjacent the first end of the cylindrical probe core; two sense coils, one each of the sense coils being located in a respective one of the channels; and two drive coils, one each of the drive coils being co-located with the respective sense coil in a respective one of the channels.

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

(21) Application No.3210/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: MEMORY COMPRISING A CIRCUIT FOR DETECTING A TRANSIENT PULSE ON A LINE OF THE MEMORY

(51) International :G11C7/24,G11C8/20,G11C11/4078 classification

(31) Priority Document No :13 52007 :06/03/2013

(32) Priority Date (33) Name of priority country: France

(86) International :PCT/FR2014/050336

Application No :18/02/2014

Filing Date

(87) International Publication :WO 2014/135758

(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)INSIDE SECURE

Address of Applicant : Rue de la Carrière de Bachasson, CS 70025, Arteparc Bachasson, Bt. A, F-13590 Meyreuil FRANCE

(72) Name of Inventor:

1)BOUZEKRI ALAMI, Salwa

(57) Abstract:

The invention relates to a memory comprising at least one line (WLm) to which memory cells are connected. A control circuit is configured to emit a transient operation end signal (OPm) at the end of the execution of an operation in at least one memory cell, and a circuit for detecting a transient pulse (DC1) connected to the line (WLm) of the memory is configured to deliver a signal indicating a transient pulse has been detected when a falling front of the amplitude of a voltage signal (Csm) appears on the line of the memory in the absence of the operation end signal.

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

(21) Application No.3064/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SELECTIVE HYDROGENATION OF ALDEHYDES WITH RU/BIDENTATE LIGANDS COMPLEXES

(51) International classification	:C07C29/157,C07F15/00	(71)Name of Applicant:
(31) Priority Document No	:13159479.8	1)FIRMENICH SA
(32) Priority Date	:15/03/2013	Address of Applicant:1, route des Jeunes, P.O. Box 239, CH-
(33) Name of priority country	:EPO	1211 Geneva 8 SWITZERLAND
(86) International Application No	:PCT/EP2014/054337	(72)Name of Inventor:
Filing Date	:06/03/2014	1)DUPAU, Philippe
(87) International Publication No	:WO 2014/139854	2)BONOMO, Lucia
(61) Patent of Addition to Application	:NA	3)KERMORVAN, Laurent
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to processes for the reduction by hydrogenation, using molecular H2, of a C5-C20 substrate containing one or two aldehydes functional groups into the corresponding alcohols or diol, characterized in that said process is carried out in the presence of - at least one catalyst or pre-catalyst in the form of a ruthenium complex having a coordination sphere of the N1P3O2, wherein the coordinating atom N and one coordinating atom P are provided by a first bidentate ligand, and the two other coordinating atoms P2 are provided by a second bidentate ligand and the coordinating atoms O2 are provided by two non-linear carboxylate ligands; and - optionally of an acidic additive.

No. of Pages: 56 No. of Claims: 8

(21) Application No.3069/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL METHOD OF PROTEIN PURIFICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:61/800,345 :15/03/2013 :U.S.A.	(71)Name of Applicant: 1)ANSUN BIOPHARMA, INC. Address of Applicant:10665 Sorrento Valley Road, San Diego, California 92121 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HAWLEY, Stephen
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(57) Abstract:

The present disclosure provides methods for releasing intracellular proteins. The method allows isolation of the protein of interest from the cell without the requirement for mechanical disruption of the cells, without the need for isolation of the cells from the culture media, and without the need for removal of the cells from the culture media.

No. of Pages: 46 No. of Claims: 18

(21) Application No.3240/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: HYBRID INSULATED CONCRETE FORM AND METHOD OF MAKING AND USING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E04B2/28,E04B2/30,E04G11/00 :13/834,697 :15/03/2013 :U.S.A.	(71)Name of Applicant: 1)CIUPERCA, Romeo, Ilarian Address of Applicant: 4363 Whitecap Lane, Norcross, GA 30092 UNITED STATES OF AMERICA.
(86) International Application No Filing Date	:PCT/US2014/027329 :14/03/2014	(72)Name of Inventor : 1)CIUPERCA, Romeo, Ilarian
(87) International Publication No	:WO 2014/152426	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention comprises a product. The product comprises a foam insulating panel having a first primary surface and an opposite second primary surface. A removable concrete form is spaced from the foam insulating panel and a concrete receiving space is defined between the second primary surface of the foam insulating panel and the removable concrete form. A method of using a hybrid insulated concrete form is also disclosed.

No. of Pages: 117 No. of Claims: 17

(21) Application No.2793/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LIGHT OUTPUT CALIBRATION IN AN OPTOACOUSTIC SYSTEM

(51) International classification :A61B8/00,A61B8/08,G01N29/24 (71)Name of Applicant :

:13/842,399 (31) Priority Document No (32) Priority Date :15/03/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/028648

No :14/03/2014 Filing Date

(87) International Publication :WO 2014/144301

(61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SENO MEDICAL INSTRUMENTS, INC.

Address of Applicant: 5253 Prue Road, Suite 315, San Antonio, TX 78240 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1) HERZOG, Donald 2) GRAVIS, Elisa 3)CLINGMAN, Bryan 4)SMITH. Remie

5)MILLER, Thomas

(57) Abstract:

An optoacoustic system includes first and second light sources capable of generating pulse of light at first and second wavelengths, first and second electrically controlled optical attenuators, first and second light sync detectors, and a combiner. A power meter that is calibrated to determine power at the first and second predominant wavelength measures power at the first wavelength after the first light sync is detected and measures power at the second wavelength after the second light sync is detected. The system includes a calibration mode wherein it electrically attenuates the first optical attenuator when the power measured by the power meter at the first wavelength after the first light sync is detected is above a first level, and electrically attenuated the second optical attenuator when the power measured by the power meter at the second wavelength after the second light sync is detected is above a second level.

No. of Pages: 194 No. of Claims: 20

(21) Application No.2794/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: OPTOACOUSTIC COMPONENT UTILIZATION TRACKING

(51) International

:A61B8/08,G01N29/24,G01N29/14

classification

(31) Priority Document No (32) Priority Date

:13/842,538 :15/03/2013

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

(86) International Application

:PCT/US2014/028587 :14/03/2014

Filing Date

(87) International Publication

:WO 2014/144257

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

:NA :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SENO MEDICAL INSTRUMENTS, INC.

Address of Applicant: 5253 Prue Road, Suite 315, San

Antonio, Texas 78240 United States of America.

(72)Name of Inventor:

1)SCHMID, Gregory

2) ACKERMAN, William

3) CLINGMAN, Bryan

(57) Abstract:

A serialized probe component for an optoacoustic device has a unique identifier associated therewith and includes, in an embodiment, an operative connection between a read-write memory and the optoacoustic device. Software adapted to generate and store logs in a read-write memory is executed on the optoacoustic device and stores logs concerning utilization of the serialized probe component on the read-write memory. A method for logging operational information concerning an optoacoustic device is further disclosed.

No. of Pages: 192 No. of Claims: 18

(21) Application No.2949/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ANTENNA DEVICE

(51) International :H01Q7/06,G06K17/00,G06K19/07

classification .HUIQ//UU,GUUKI//UU,GUUKI//U

(31) Priority Document No :2013-053237 (32) Priority Date :15/03/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/057630

No :13/03/2014

Filing Date

(87) International Publication :WO 2014/142345

(61) Patent of Addition to :NA

Application Number
Filing Date

:NA
:NA

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

(71)Name of Applicant: 1)RICOH COMPANY, LTD.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokyo, 1438555 JAPAN (72)Name of Inventor: 1)OTSUKI, Takashi

(57) Abstract:

An antenna device of a magnetic coupling type includes a magnetic body having a plate-like shape; and a coil, which is wound around the magnetic body.

No. of Pages: 192 No. of Claims: 8

(21) Application No.2950/KOLNP/2015 A

1) RICOH COMPANY, LIMITED

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DISTRIBUTION CONTROL SYSTEM AND DISTRIBUTION SYSTEM

(51) International :H04N21/2662,G06F13/00,H04M11/06 classification

(31) Priority Document

:15/03/2013 (32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International :WO 2014/142343 Publication No

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

Filing Date (57) Abstract:

:2013-054380 Tokyo, 1438555 JAPAN (72)Name of Inventor: 1)KASATANI, Kiyoshi :Japan :PCT/JP2014/057429 :12/03/2014

(71)Name of Applicant:

A distribution control system includes a generating unit configured to generate still image data from content data; a converting unit configured to convert the still image data into video data; and a transmitting unit configured to transmit the video data to a communication terminal.

No. of Pages: 83 No. of Claims: 14

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: FAST MULTI-TOUCH SENSOR WITH USER IDENTIFICATION TECHNIQUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/03/2014 :WO 2014/145924 :NA :NA	(71)Name of Applicant: 1)TACTUAL LABS CO. Address of Applicant: 160 Wooster Street, Penthouse B, New York, New York 10012 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)WIGDOR, Daniel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and system for distinguishing between sources of simultaneous touch events on a touch sensitive device with row conductors and column conductors, the path of each of the row conductors crossing the path of each of the column conductors. Each of a plurality of orthogonal row signals are simultaneously transmitted on a respective one of at least some of the plurality of row conductors. An amount of each of the orthogonal row signals present on each of the plurality of column conductors is detected, and the touch events are identified using the detected amount. Each of the simultaneous touch events is associated with a discrete source based on the detected amount of each of the plurality of orthogonal row signals.

No. of Pages: 79 No. of Claims: 28

(21) Application No.2977/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 12/02/2016

$(54) \ Title \ of the invention: A \ METHOD \ FOR \ PREPARING \ (IR,2R)-3-(3-DIMETHYLAMINO-L-ETHYL-2-METHYL-PROPYL)-PHENOL$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:06015338.4 :24/07/2006 :EPO	(71)Name of Applicant: 1)GRUNENTHAL GMBH Address of Applicant: ZIEGLERSTRASSE 6, 52078 AACHEN, GERMANY (72)Name of Inventor: 1)HELL, WOLFGANG 2)ZIMMER, OSWALD
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:NA :NA :677/KOLNP/2009 :20/02/2009	3)BUSCHMANN, HELMUT, HEINRICH 4)HOLENZ, JORG 5)GLADOW, STEFAN

(57) Abstract:

The present invention relates to a process for the preparation of (1 R,2R)-3- dimethylamino-1-ethyl-2-methyl-propyl)-phenol. (FR)La présente invention concerne un procédé délaboration de (1R,2R)-3-(3-diméthylamino-1-éthyl-2-méthyl-propyl)-phénol.

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

(21) Application No.2978/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONTINUOUS PURIFICATION OF THERAPEUTIC 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 (62) Divisional to Application Number Filing Date 	:C07K1/36 :61/775,060 :08/03/2013 :U.S.A. :PCT/US2014/019909 :03/03/2014 :WO 2014/137903 :NA :NA	(71)Name of Applicant: 1)GENZYME CORPORATION Address of Applicant:500 Kendall Street, Cambridge,Massachusetts 02142 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)KONSTANTINOV, Konstantin 2)GODAWAT, Rahul 3)WARIKOO, Veena 4)JAIN, Sujit
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(57) Abstract:

Provided herein are integrated continuous biomanufacturing processes for producing a therapeutic protein drug substance. Also provided are systems that are capable of continuously producing a therapeutic protein drug substance.

No. of Pages: 138 No. of Claims: 111

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CURTAIN COATING MACHINE AND CURTAIN COATING 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 	:B05C5/00,B05D1/30 :2013-072738 :29/03/2013 :Japan :PCT/JP2014/056594 :06/03/2014 :WO 2014/156664 :NA :NA	(71)Name of Applicant: 1)RICOH COMPANY, LTD. Address of Applicant: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor: 1)SOMADA, Hiroki 2)YAMAMOTO, Kazuhisa
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a curtain coating machine, including at least; a curtain coating member (1) including a discharging port from which a coating liquid is discharged in a curtain shape; a discharging width regulating member (10) provided in the discharging port and regulating the discharging width of the coating liquid discharged in a curtain shape; a drop-off preventing member (14) preventing the discharging width regulating member (10) from dropping off from the discharging port; a fixing member (12) fixing the drop-off preventing member (14); a close contact member (11) movable on the fixing member (12) and closely contacting the drop-off preventing member (14), and via the drop-off preventing member (14), preventing the coating liquid from leaking in a discharging direction from where the discharging width regulating member (10) is provided in the discharging port; and a guide member (2) provided detachably on the fixing member (12) and guiding width-direction both edges of the coating liquid discharged from the discharging port in a curtain shape.

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

(21) Application No.3258/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: GENE SILENCING OF SUGAR-DEPENDENT 1 IN JATROPHA CURCAS

(57) Abstract:

The present invention relates to the field of plant molecular biology and gene silencing. More particularly, the present invention relates to gene silencing of Sugar-dependent 1 (JcSDPl) in Jatropha curcas. JcSDPl encodes a patatin-domain triacylglyerol lipase. Silencing of JcSDPl enhances seed oil accumulation in J. curcas.

No. of Pages: 52 No. of Claims: 27

(21) Application No.2930/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CARTRIDGE MOUNTING STRUCTURE

(31) Priority Document No(32) Priority Date	:B43K8/03,B43K5/14,B65D79/00 :2013-076804 :02/04/2013	1)KOKUYO CO., LTD. Address of Applicant :1-1, Oimazato Minami 6-chome,
(33) Name of priority country	:Japan	Higashinari-ku, Osaka-shi, Osaka 5378686 JAPAN
(86) International Application No Filing Date	:PCT/JP2014/057192 :17/03/2014	(72)Name of Inventor: 1)MATSUSHITA, Kinya
(87) International Publication No	:WO 2014/162859	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a cartridge mounting structure which can maintain a cartridge at an attitude in which a lid body does not obstruct the movement of the content of the cartridge when the cartridge is unsealed. [Solution] A lid opening rib (75) on the writing implement body side has: an unsealing plate (76) which moves a lid body (22) from a sealing attitude (P) by relatively pressing the vicinity of the edge of the lid body (22) by means of screw feeding operation; and a positioning plate (77) which is provided integrally with the unsealing plate (76) and which, at the end of the screw feeding operation, positions the lid body (22) at a raised attitude (Q) perpendicular to the sealing attitude (P).

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :07/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DISTRIBUTION CONTROL SYSTEM, DISTRIBUTION CONTROL METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

:H04N21/234,G06F13/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :2013-054396

(32) Priority Date :15/03/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/057938 Filing Date :14/03/2014

(87) International Publication No :WO 2014/142358

(61) Patent of Addition to Application :NA Number

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

1)RICOH COMPANY, LIMITED

Address of Applicant: 3-6, Nakamagome 1-chome, Ohta-ku,

Tokyo 1438555 JAPAN (72) Name of Inventor:

1)KASATANI, Kiyoshi

(57) Abstract:

A system distributes, to a communication terminal, first frame data reproduced singly by the terminal or second frame data as a difference with the previous frame data distributed to the terminal. The system includes a generating unit configured to generate the first or the second frame data from certain frame data; and a transmitting unit configured to transmit third frame data with the contents not updated or non-update information indicating that the contents are not updated, in place of the first or the second frame data, to the terminal when contents of the certain frame data are not updated over a certain range as compared with contents of the frame data previously generated. The transmitting unit is configured to transmit fourth frame data higher in image quality than the first frame data to the terminal before the third frame data or the non-update information is transmitted to the terminal.

No. of Pages: 93 No. of Claims: 9

(22) Date of filing of Application :08/09/2015 (43) Publication Date: 12/02/2016

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

(51) International classification :C22C38/00,B21B3/00,C21D8/02 (71)Name of Applicant:

:2013-084449 (31) Priority Document No (32) Priority Date :15/04/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2014/001380

:11/03/2014 Filing Date

(87) International Publication :WO 2014/171057

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) JFE STEEL CORPORATION

Address of Applicant: 2-3, Uchisaiwai-cho 2-chome, Chiyoda-

ku, Tokvo 1000011 JAPAN (72)Name of Inventor:

1)YAMAZAKI, Kazuhiko

2)NAKAJIMA Katsumi

3)KAMI Chikara

(57) Abstract:

Provided are: a high strength hot rolled steel sheet having a tensile strength of 980 MPa or more and excellent bending workability; and a method for producing the high strength hot rolled steel sheet. This high strength hot rolled steel sheet has a composition that contains more than 0.1% but 0.2% or less of C, from 0.5% to 3.0% (inclusive) of Si, from 1.0% to 3.5% (inclusive) of Mn, 0.05% or less of P, 0.004% or less of S, 0.10% or less of Al, 0.008% or less of N, from 0.05% to 0.15% (inclusive) of Ti and more than 0.10% but 0.30% or less of V with the balance made up of Fe and unavoidable impurities. This high strength hot rolled steel sheet is composed of surface layer regions having a structure wherein a ferrite phase forms the main phase and an inner region having a structure wherein a bainite phase forms the main phase. By setting the ratios of the surface layer regions in the thickness direction of the steel sheet to 1.0-5.0% (inclusive) of the total sheet thickness respectively from the front and back surfaces of the steel sheet, this high strength hot rolled steel sheet achieves a tensile strength (TS) of 980 MPa or more.

No. of Pages: 45 No. of Claims: 4

(21) Application No.2937/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application:08/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: NEW COMPOSITIONS

(51) International classification :A01N59/00,A61L2/18,A61L2/20 (71)Name of Applicant:

:12/02/2014

(31) Priority Document No :1302867.5 (32) Priority Date :19/02/2013

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

(86) International Application :PCT/SE2014/050172

Filing Date

(87) International Publication :WO 2014/129956

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

:NA Number :NA Filing Date

1)LIFECLEAN INTERNATIONAL AB

Address of Applicant: Kärranäsvägen 24S-451 76 Uddevalla

SWEDEN

(72)Name of Inventor: 1)SANDSTRÖM, Staffan

2)MILLINGER, Carl-Gustav

(57) Abstract:

The specification discloses acidic aqueous compositions for elimination of spores of spore forming bacteria, comprising from about 100 to about 2000 ppm dissolved chlorine dioxide and a surfactant system having both a wetting effect and a spore solubilising effect.

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

(21) Application No.2981/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : METHODS AND MATERIALS FOR HEMATOENDOTHELIAL DIFFERENTIATION OF HUMAN PLURIPOTENT STEM CELLS UNDER DEFINED CONDITIONS

(51) International :C12N5/0789,C12N5/0775,C12N5/071

classification .C12N3/07/89,C12N3/07/

(31) Priority Document No:61/779,564
(32) Priority Date :13/03/2013
(33) Name of priority

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

(86) International :PCT/US2014/024518

Application No
Filing Date

FOR 1703 2014

(87) International Publication No :WO 2014/165131

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)WISCONSIN ALUMNI RESEARCH FOUNDATION

Address of Applicant :614 Walnut Street, Madison, WI 53705

UNITED STATES OF AMERICA. (72)Name of Inventor:

1)SLUKVIN, Igor

2) UENISHI, Gene, Ichiro

(57) Abstract:

Methods and compositions for differentiating pluripotent stem cells into cells of endothelial and hematopoietic lineages are disclosed.

No. of Pages: 74 No. of Claims: 39

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD OF PRODUCING (2R)-2-FLUORO-2-C-METHYL-D-RIBONO-Γ-LACT NE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C07D307/33 :2013-038505 :28/02/2013 :Japan :PCT/JP2014/054609 :26/02/2014 :WO 2014/132975 :NA :NA :NA	(71)Name of Applicant: 1)CENTRAL GLASS COMPANY, LIMITED Address of Applicant:5253, Oaza Okiube, Ube-shi, Yamaguchi 755-0001 JAPAN (72)Name of Inventor: 1)Manabu YASUMOTO 2)Ryuichi OKAMOTO 3)Hirokatsu NAGURA 4)Hideyuki TSURUTA 5)Akihiro ISHII
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(57) Abstract:

In this method, a diastereomeric mixture containing a (2R)-2-fluoro-2-C-methyl-D-ribono- γ -lactone precursor is deprotected under acidic conditions; subsequently, by lactonizing the same, a diastereomeric mixture of dihydroxylactone is obtained; and subsequently, by purifying said mixture by recrystallization, high-purity (2R)-2-fluoro-2-C-methyl-D-ribono- γ -lactone can be obtained. Further, by performing an acylation reaction on the obtained (2R)-2-fluoro-2-C-methyl-D-ribono- γ -lactone, it is possible to obtain (2R)-2-fluoro-2-C-methyl-D-ribono- γ -lactones with good yield.

No. of Pages: 35 No. of Claims: 7

(21) Application No.3135/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: LEVELING VALVE

(51) International :F16K11/04,B60G11/26,B60G17/056

classification (31) Priority Document No :2013-038978

(32) Priority Date :28/02/2013 (33) Name of priority

:Japan country

(86) International :PCT/JP2013/083730

Application No :17/12/2013 Filing Date

(87) International

:WO 2014/132529 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)KAYABA INDUSTRY CO., LTD.

Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN

(72) Name of Inventor: 1)Tsutomu SUZUKI

2)Yusuke ENDO

(57) Abstract:

The leveling valve is provided with: a seat for defining a flow channel that communicates with an air spring and a compressed air source or a flow channel that communicates with the air spring and a drain; a valve that moves in the axial direction in response to a relative displacement of the vehicle body with respect to the chassis; a spring for biasing the valve towards the closed position in which the valve abuts against the seat; a valve guide which supports one end of the spring and is inserted so as to slide freely with respect to the inner surface of the housing wall; and a communication port which is open at the inner surface of the housing wall. The area of movement in which the valve guide moves is set in a location that is offset in the axial direction from the communication port.

No. of Pages: 27 No. of Claims: 7

(21) Application No.869/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :07/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: DRIVE CIRCUIT FOR A PERMANENT MAGNET MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:China :NA :NA : NA	(71)Name of Applicant: 1)JOHNSON ELECTRIC S.A. Address of Applicant:FREIBURGSTRASSE 33, CH-3280 MURTEN SWITZERLAND (72)Name of Inventor: 1)LI YUE 2)SUN CHI PING 3)LIU BAO TING 4)WANG EN HUI 5)XIN FEI 6)YEUNG SHING HIN 7)YANG XIU WEN 8)CUI YAN YUN 9)HUANG SHU JUAN
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(57) Abstract:

A drive circuit for an electric motor having a wound stator and a permanent magnet rotor, includes a controllable bidirectional AC switch connected in series with a stator winding between two terminals for connecting to an AC power supply. First and second position sensors detect the position of magnetic poles of the rotor. A voltage regulating circuit is connected between the two terminals and the controllable bidirectional AC switch and configured to supply power to the first sensor during the positive cycle and to the second position sensor during the negative cycle of the AC power supply such that the controllable bidirectional AC switch is switched between a conductive state and a non-conductive state in a preset manner, thus enabling the stator to rotate the rotor in only one predetermined direction during start-up.

No. of Pages: 22 No. of Claims: 15

(21) Application No.3062/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: THERMOSENSITIVE RECORDING MATERIAL

:06/03/2014

(51) International classification: B41M5/28,B32B27/00,B41M5/30 (71)Name of Applicant:

(31) Priority Document No :2013-044883 (32) Priority Date :07/03/2013

(33) Name of priority country :Japan

(86) International Application :PCT/JP2014/056591

No Filing Date

(87) International Publication :WO 2014/136988

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

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

(57) Abstract:

1)RICOH COMPANY, LTD.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,

Tokvo, 1438555 JAPAN (72) Name of Inventor: 1)IWATA, Daiki

2)KAJIKAWA, Takeshi

3)AIHARA, Hideo

To provide a thermosensitive recording material, containing: a support; an under layer; a thermosensitive recording layer; and a protective layer, where the under layer, the thermosensitive recording layer, and the protective layer are provided in this order on at least one surface of the support, wherein the support is synthetic paper, or a synthetic resin film, wherein the under layer contains a binder resin, and hollow particles, wherein an adhesive force of the thermosensitive recording material at -20° C, as measured by the described measuring method of the adhesive force, is 10.0 N/25 mm or greater.

No. of Pages: 57 No. of Claims: 11

(21) Application No.3063/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: REMOTE INTERACTION DEVICE

(51) International classification	:H04N7/18,G06F3/00	(71)Name of Applicant:
(31) Priority Document No	:61/767,310	1)PETCUBE, INC.
(32) Priority Date	:21/02/2013	Address of Applicant :2711 Centerville Road, Suite 400,
(33) Name of priority country	:U.S.A.	Wilmington, Delaware 19808 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/017772	(72)Name of Inventor:
Filing Date	:21/02/2014	1)NESKIN, Oleksandr
(87) International Publication No	:WO 2014/130853	2)AZHNIUK, Iaroslav
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KULBABA, Andrii
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems, devices, and methods are provided for remote interaction with a subject in an environment. The device has audio-visual recording and transmitting functionality to provide an operator at a remote location with an audio-visual feed of the environment near the device. The device also has a light emission component which the operator controls and which projects light onto a surface in the environment in the vicinity of the device. The systems, devices, and methods provide operators with the ability to interact with pets and provide exercise and stimulation to pets when their owners are away.

No. of Pages: 61 No. of Claims: 18

(21) Application No.3105/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : SYSTEM AND METHOD TO DEFINE A ROTATIONAL SOURCE ASSOCIATED WITH A BIOLOGICAL RHYTHM DISORDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:13/840,354 :15/03/2013 :U.S.A. :PCT/US2014/021973 :07/03/2014 :WO 2014/150042	(71)Name of Applicant: 1)TOPERA, INC. Address of Applicant: 1530 OBrien Drive Suite A Menlo Park California 94025 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MACNEIL., William, Robert 2)SEHRA, Ruchir
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2014/150042 :NA :NA	2)SEHRA, Ruchir
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An example system and method of defining a rotational source associated with a heart rhythm disorder are disclosed. A plurality of center locations of wave fronts are calculated at a plurality of time points associated with the heart rhythm disorder. A rotational path that connects the plurality of center locations is then determined. The system and method can also determine a likely core associated with the rotational path. A plurality of relative diffusion shapes associated with the plurality of the center locations is calculated. A plurality of intersecting points of a smallest relative diffusion shape and other relative diffusion shapes is determined within the rotational path. A bounded polygon of the intersecting points is defined as the likely core.

No. of Pages: 37 No. of Claims: 30

(21) Application No.3106/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: NOVEL ANTIBODY CONJUGATES AND USES THEREOF

(51) International classification	:C07K16/28,A61K39/00	(71)Name of Applicant:
(31) Priority Document No	:61/768,368	1)STEMCENTRX, INC.
(32) Priority Date	:22/02/2013	Address of Applicant :450 East Jamie Court, South San
(33) Name of priority country	:U.S.A.	Francisco, California 94080 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/017810	2)SPIROGEN SÀRL
Filing Date	:21/02/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/130879	1)TORGOV, Michael
(61) Patent of Addition to Application	:NA	2)HOWARD, Philip Wilson
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are novel antibody drug conjugates (ADCs), and methods of using such ADCs to treat proliferative disorders.

No. of Pages: 228 No. of Claims: 57

(21) Application No.3107/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ENCAPSULATED PLASMOLYSED MICRO-ORGANISM PARTICLES

:A23L1/22,A23L1/03,C11B9/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)FIRMENICH SA :61/769,120 (32) Priority Date :25/02/2013 Address of Applicant: 1, route des Jeunes, P. O. Box 239, CH-(33) Name of priority country :U.S.A. 1211 Geneva 8 SWITZERLAND (86) International Application No: PCT/EP2014/052991 (72) Name of Inventor: Filing Date 1)BOUQUERAND, Pierre-Etienne :17/02/2014 (87) International Publication No: WO 2014/128071 2) VIVIEN CASTIONI, Nathalie (61) Patent of Addition to 3)KOORAPATI, Anupama :NA **Application Number** 4)MAIO, Serge :NA Filing Date 5)MEYER, François (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided herein are formulations of flavors and fragrances encapsulated in plasmolysed micro-organisms, as well as glass particles or beads comprising these encapsulated flavors and fragrances. Also provided herein are methods of making formulations of encapsulated flavors and fragrances.

No. of Pages: 32 No. of Claims: 16

(21) Application No.3108/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: PRODUCTION METHOD FOR GRAIN-ORIENTED ELECTRICAL STEEL SHEETS

(51) International classification: C21D8/12, C22C38/00, C22C38/60 (71) Name of Applicant:

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/JP2013/055081

No :27/02/2013 Filing Date

(87) International Publication

:WO 2014/132354

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) JFE STEEL CORPORATION

Address of Applicant: 2-3, Uchisaiwai-cho 2-chome, Chiyoda-

ku, Tokvo 1000011 JAPAN

(72)Name of Inventor:

1) UESAKA, Masanori 2)TAKASHIMA, Minoru 3)IMAMURA, Takeshi

(57) Abstract:

A production method for grain-oriented electrical steel sheets in which a steel slab which includes, in mass%, 0.04-0.12% C, 1.5-5.0% Si, 0.01-1.0% Mn, 0.010-0.040% sol. Al, 0.004-0.02% N, and a total of 0.005-0.05% S and Se is processed through hot rolling, cold rolling, primary recrystallization annealing, and final annealing, wherein the ratio (sol. Al/N) of the content of sol. Al to N in the steel slab and the thickness (d(mm)) of the steel sheet during secondary recrystallization annealing satisfy the formula 4d+1.52 < sol. Al/N≤4d+2.32, and an ultrathin grain-oriented electrical steel sheet having low iron loss and minimal variation within the product coil is produced by maintaining the steel sheet prior to secondary recrystallization in the heating step of the final annealing at a temperature of 775-875°C for 40-200 hours, thereafter heating the sheet to a temperature range of 875-1050°C at a heating rate of 10-60°C/hr, and performing secondary recrystallization and purification treatment.

No. of Pages: 30 No. of Claims: 6

(21) Application No.3109/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: APPARATUS FOR PROVIDING OBJECT TO BE MEDICALLY EXAMINED BY BLOWING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:G01N1/38,G02B21/00 :10-2013-0020723 :26/02/2013 :Republic of Korea :PCT/KR2014/000129 :07/01/2014 :WO 2014/133259 :NA :NA :NA	(71)Name of Applicant: 1)IM, Wook Bin Address of Applicant: 204-2801, 135 Olympic-ro, Songpa-gu Seoul 138-911 REPUBLIC OF KOREA (72)Name of Inventor: 1)IM, Wook Bin
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(57) Abstract:

The present invention relates to an apparatus for providing an object to be medically examined by blowing, wherein air is blown into a container in which an object to be medically examined is stored, so as to draw out the uniform distribution state of the object to be medically examined from the inside of the container, thereby securing the identity of the object to be medically examined, which is to be extracted from the container.

No. of Pages: 48 No. of Claims: 5

(21) Application No.3128/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MODIFICATION OF 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 	:C12N15/10 :13/832,526 :15/03/2013 :U.S.A. :PCT/EP2014/055204 :14/03/2014 :WO 2014/140342 :NA	(71)Name of Applicant: 1)BICYCLE THERAPEUTICS LIMITED Address of Applicant: Meditrina Building, Babraham Research Campus, Cambridge Cambridgeshire CB22 3AT UNITED KINGDOM. (72)Name of Inventor: 1)STACE, Catherine 2)WALKER, Edward
` /		

(57) Abstract:

The invention provides a method for conjugating a peptide displayed on a genetic display system to a molecular scaffold performed on an ion exchange resin.

No. of Pages: 66 No. of Claims: 14

(21) Application No.3129/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD FOR PRODUCING A CONCRETE SCREW

(51) International classification	:B21H3/02,F16B25/00	(71)Name of Applicant:
(31) Priority Document No	:10 2013 203 150.5	1)HILTI AKTIENGESELLSCHAFT
(32) Priority Date	:26/02/2013	Address of Applicant :Feldkircherstr. 100, CH-9494 Schaan
(33) Name of priority country	:Germany	LIECHTENSTEIN
(86) International Application No	:PCT/EP2014/052680	(72)Name of Inventor:
Filing Date	:12/02/2014	1)NEUMAIER, Tobias
(87) International Publication No	:WO 2014/131616	2)ACHLEITNER, Corinna
(61) Patent of Addition to Application	:NA	3)DOMANI, Guenter
Number	:NA	4)WINKLER, Mark
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing a concrete screw comprising a shaft and a screw thread arranged on the lateral surface of the shaft. Said lateral surface of the shaft comprises, in an end area of the concrete screw, at least one cut-out recess. According to the invention, a piece of rod is provided as a workpiece (11), at least one threaded coil is formed on the lateral surface of the workpiece (11) and at least one recess (16) is formed in the lateral surface of the workpiece. According to the invention, the recess is formed by shaping in the lateral surface of the workpiece.

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

(21) Application No.2969/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 10/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTICHOLINERGIC GLYCOPYRROLATE ESTERS FOR THE TREATMENT OF **HYPERHIDROSIS**

(51) International

:A61K31/40,A61P43/00,A61P17/00 classification

(31) Priority Document No

:61/798.073 :15/03/2013

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

(86) International Application :PCT/US2014/028332

No

(32) Priority Date

:14/03/2014 Filing Date

(87) International Publication: WO 2014/144075

(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)BODOR LABORATORIES, INC.

Address of Applicant: 4400 Biscayne Boulevard, Suite 980,

Miami, FL 31337 UNITED STATES OF AMERICA.

(72) Name of Inventor:

1)BODOR, Nicholas, S.

2) ANGULO, David

(57) Abstract:

Use of a compound having the formula (I) in the preparation of a medicament composition comprising from about 1.0% to about 25% of said compound and a pharmaceutically acceptable vehicle, for topical administration to skin of an area of a mammalian subject suffering from hyperhidrosis, before bedtime, such that compared to untreated, baseline conditions, sweat production is reduced by at least about 25% for at least about six (6) hours.

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

(22) Date of filing of Application :23/09/2015

(43) Publication Date: 12/02/2016

(54) Title of the invention : METERING ELEMENT FOR AN INHALATION DEVICE AND ASSEMBLY FOR AN INHALATION DEVICE COMPRISING A METERING 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 	:02/04/2014 :WO 2014/161901 :NA :NA :NA	(71)Name of Applicant: 1)SANOFI SA Address of Applicant: 3 route de Montfleury, CH-1214 Vernier SWITZERLAND (72)Name of Inventor: 1)MAYER, Stefan
Filing Date	:NA	

(57) Abstract:

A metering element (33) for an inhalation device (1) is provided. The metering element comprises a plurality of openings (10) being configured to receive a substance (2), wherein at least one of the openings (10) has a different size than at least one other opening (10). Furthermore, an assembly for an inhalation device (1) is provided. The assembly comprises a metering element (33) with a plurality of openings (10) and a powder channel (16) which comprises an opening (9), wherein an arrangement of the openings (10) is adapted to the shape of the powder channel (16) such that each opening (10) extends into the opening (9) of the powder channel for a different amount.

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

(21) Application No.3071/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: DISPLAY DEVICE USING SEMICONDUCTOR LIGHT EMITTING 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 	:26/03/2014 :WO 2014/163325 :NA :NA	(71)Name of Applicant: 1)LG ELECTRONICS INC. Address of Applicant: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721, REPUBLIC OF KOERA (72)Name of Inventor: 1)RHEE, Byungjoon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to a display device, and more particularly, to a display device using a semiconductor light emitting device. Such a display device using a semiconductor light emitting device may include a first substrate comprising an electrode portion, a conductive adhesive layer located on the first substrate, and a plurality of semiconductor light emitting devices at least part of which are buried in an upper region of the conductive adhesive layer to constitute individual pixels electrically connected to the electrode portion.

No. of Pages: 38 No. of Claims: 16

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : COMPOUNDS, COMPOSITIONS, METHODS, AND KITS RELATING TO TELOMERE EXTENSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:22/02/2014 :WO 2014/130909 :NA	(71)Name of Applicant: 1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY Address of Applicant: Office of Technology Licensing, 1705 El Camino Real, Palo Alto, California 94306-1106 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)RAMUNAS, John 2)YAKUBOV Eduard
(61) Patent of Addition to Application Number Filing Date		1)RAMUNAS, John 2)YAKUBOV Eduard 3)BLAU Helen M.
(62) Divisional to Application Number Filing Date	:NA :NA	4)COOKE John

(57) Abstract:

Compounds and compositions for the transient expression of exogenous telomerase activity in a cell are provided. The compounds and compositions, which relate to a ribonucleic acid coding for a telomerase reverse transcriptase, are useful in the extension of telomeres in cells needing such treatment. Such cells include, for example, cells that contain shortened telomeres and cells from subjects that may benefit from telomere extension, for example subjects that suffer from, or are at risk of suffering from, age-related or other illnesses. Also provided are methods of extending telomeres through the administration of the provided compounds and compositions to animal cells, either in vitro or in vivo, and kits including the compounds and compositions and instructions for use.

No. of Pages: 117 No. of Claims: 65

(21) Application No.3073/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 18/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: A NON-NEMATICIDAL COMPOSITION AND USE THEREOF

(51) International (71)Name of Applicant: :A01N43/16,A01N65/00,A01N25/00 classification 1)BIOATLANTIS LTD (31) Priority Document No :2013/0100 Address of Applicant : Clash Industrial Estate, Tralee, County Kerry IRELAND (32) Priority Date :20/03/2013 (72)Name of Inventor: (33) Name of priority :Ireland country 1)O'SULLIVAN, John T. (86) International 2) GUINAN, Kieran :PCT/EP2014/055650 Application No 3)NEERAKKAL, Sujeeth :20/03/2014 Filing Date (87) International :WO 2014/147199 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

A non-nematicidal composition comprises at least one glucan and/or at least one fucan which act individually or synergistically with mannitol to reduce losses in crop yield and marketable grade caused by the infestation of growth media with plant pathogenic nematodes, to levels equivalent to those achieved with commercial nematicides, but without posing a risk to the ecosystem or user. In some cases the composition comprises at least one glucan, at least one fucan and at least one mannitol which may be in a weight/weight ratio of approximately 1:2:3 of at least one glucan: at least one fucan: at least one mannitol or between approximately 1:1:1 to 1:1:3 of at least one glucan: at least one mannitol.

No. of Pages: 93 No. of Claims: 76

(21) Application No.3074/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: CONTROL METHOD FOR TINTABLE WINDOWS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:E06B5/00 :13/772,969 :21/02/2013 :U.S.A. :PCT/US2014/016974 :18/02/2014 :WO 2014/130471 :NA :NA	(71)Name of Applicant: 1)VIEW, INC. Address of Applicant:195 South Milpitas Blvd., Milpitas, California 95035 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)BROWN, Stephen C. 2)KHOWAL, Deepika 3)VORA, Namrata 4)PHILLIP, Santosh V.
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(57) Abstract:

A method of controlling tint of a tintable window to account for occupant comfort in a room of a building. The tintable window is between the interior and exterior of the building. The method predicts a tint level for the tintable window at a future time based on a penetration depth of direct sunlight through the tintable window into the room at the future time and space type in the room. The method also provides instructions over a network to transition tint of the tintable window to the tint level.

No. of Pages: 93 No. of Claims: 36

(21) Application No.814/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :24/07/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: A LATERAL STABILITY 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 :NA :NA	(71)Name of Applicant: 1)MANITOU ITALIA S.R.L. Address of Applicant: VIA CRISTOFORO COLOMBO, 2- LOCALITÀ CAVAZZONA, 41013 CASTELFRANCO EMILIA (MODENA) ITALY (72)Name of Inventor: 1)MARCO IOTTI
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA ::NA	(72)Name of Inventor:

(57) Abstract:

A lateral stability system for a telescopic handler (1), whose telescopic boom (11) is fitted with equipment (12) suitable for lateral translation of a load (10), comprising a processing unit which includes at least a first enabling module, configured to enable or inhibit movements of said boom (11), according to one or more safety parameters. The system comprises first sensing means for determining the position of the load (10) relative to a center plane (M) of said equipment (12), connected to the processing unit, wherein a first safety parameter is a function of a value of an imbalance signal produced by the first sensing means.

No. of Pages: 16 No. of Claims: 13

(22) Date of filing of Application :28/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: COMPOSITE FRAME FOR ELECTRICAL MACHINES AND METHODS FOR MAKING SAME

(51) International :B29C70/32,B29C70/52,B29C70/70 classification

(31) Priority Document No :61/784,187

(32) Priority Date :14/03/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/076167

:18/12/2013 Filing Date

(87) International Publication :WO 2014/158260

(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)ABB RESEARCH LTD.

Address of Applicant: Affolternstrasse 44, CH-8050 Zurich

SWITZERLAND (72) Name of Inventor:

1)TREMELLING, Darren, Dale

2)KIM, Hongrae 3) VELTHUIS, Rudi 4)ZANT, Nikolaus 5)SCHNEIDER, Marco 6)SHRESTHA, Ghanshyam

A composite frame (100) for an electrical machine includes an outer frame member (102) comprising a composite material including fibers having an aspect ratio of at least 1500. The outer frame member forms a central aperture (106) for holding an electrical machine (108). The outer frame member forms an outermost layer of the portion of the composite frame for surrounding the electrical machine and extending axially beyond laminations of the electrical machine. An attachment mechanism (104) is formed on at least one end of the frame member for attaching the frame member to a mechanical system.

No. of Pages: 33 No. of Claims: 41

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

(43) Publication Date: 12/02/2016

(54) Title of the invention : A REPROFITTABLE ENERGY SAVING LAMP WITH INTEGRATED MAGNETIC COIL AND CERAMIC METAL HALIDE ARC TUBE TO REPLACE MERCURY VAPOR LAMPS, HIGH PRESSURE SODIUM LAMPS AND QUARTZ METAL HALIDE LAMPS AND QUARTZ METAL HALIDE LAMPS

(51) International classification (31) Priority Document No	:H05B37/02 :NA	(71)Name of Applicant: 1)FLOWIL INTERNATIONAL LIGHTING (HOLDING)
(32) Priority Date	:NA	B.V.
(33) Name of priority country	:NA	Address of Applicant :PRINS BERNHARDPLEIN 200 1097
(86) International Application No	:NA	JB AMSTERDAM, NETHERLANDS
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BROEDERS FRANK
(61) Patent of Addition to Application Number	:NA	2)WILLEMS MARC
Filing Date	:NA	3)GEENS RUDY
(62) Divisional to Application Number	:NA	4)SIMPELAAR BENNIE
Filing Date	:NA	

(57) Abstract:

The invention relates to a reprofittable energy saving lamp with integrated magnetic coil and ceramic metal halide arc tube to replace mercury vapor lamps, high pressure sodium lamps and quartz metal halide lamps comprising a magnetic coil integrated in a housing of the base of a ceramic metal halide lamp and connected to the arc tube and the ballast in the fixture in a serial connection, wherein a fuse is integrated in the base.

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

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

(43) Publication Date: 12/02/2016

(54) Title of the invention : AN IMPROVED COUPLER FOR JOINING HIGH STRENGTH REINFORCEMENT BARS AND A PROCESS TO PRODUCE AN IMPROVED COUPLER FOR JOINING HIGH STRENGTH REBARS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:E04C5/07 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION Jharkhand India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	(72)Name of Inventor: 1)KUNTAL PAUL 2)SUDIN CHATTERJEE 3)BHOLA NATH SEN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an improved coupler for joining reinforced bar. The couplers of the invention possess almost the similar chemistry as that of reinforced bars to be joined and are profiled from outside as well. This improved coupler exhibits better corrosion resistance (especially at coupler-rebar joint) than conventional coupler and have better bond strength with concrete. The invention further discloses alternative processes for producing improved coupler for joining rebars.

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

(21) Application No.2953/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: STAIR MODULES WHICH CO OPERATE TO FORM A TEMPORARY STAIR CASE

(51) International :E04F11/035,E04F11/09,E04G5/10

classification

(31) Priority Document No :2013900424 (32) Priority Date :11/02/2013 (33) Name of priority country: Australia (86) International Application

:PCT/AU2014/000104

:11/02/2014 Filing Date

(87) International Publication :WO 2014/121344

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

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

Filing Date (57) Abstract:

(71) Name of Applicant:

1)PRESTON, John

Address of Applicant: 196 Silverwater Road, Silverwater,

New South Wales 2128 AUSTRALIA

(72) Name of Inventor: 1)PRESTON, John

adjacent module; the stair assembly comprising a first module having first and second side abutments and spanning therebetween a stair tread. There is at least one other abutment surface associated with said first and second side abutments and which provides a bearing surface to receive and retain an adjacent stair module. The second module includes a stair tread which when disposed adjacent the first module is disposed in an elevated position relative to the stair tread of the first module, wherein the first and second stair

No. of Pages: 23 No. of Claims: 21

module are interconnected via an auxiliary module.

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: REFRACTORY OVEN DOOR FOR INCLUDING IMPROVED ANCHORS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:C10B31/08 C10B5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC Address of Applicant:1011 WARRENVILLE ROAD,SUITE 600 LISLE,IL 60532 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)VIKAS KUMAR DAS
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(57) Abstract:

A refractory oven door for a coke oven on a frame with an improved anchoring system and associated systems and methods are described herein. A refractory door configured in accordance with an embodiment of the present technology can include, for example, a rail grid having two or more vertically extending rails and a bottom horizontal rail therebetween. The rail grid can be configured to receive and support a castable forming a refractory panel thereon. The door can be configured to secure the refractory panel thereon without welded anchors and/or a metal sheet or plate.

No. of Pages: 27 No. of Claims: 20

(22) Date of filing of Application :14/09/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: METHOD AND APPARATUS FOR INTER-RADIO ACCESS NETWORK MOBILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:H04W36/08 :10-2014-0054815 :08/05/2014 :Republic of Korea :PCT/KR2015/004642 :08/05/2015 : NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD Address of Applicant:129, SAMSUNG-RO,, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA (72)Name of Inventor: 1)SUNG HWAN WON, 2)HWA-JIN CHA
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(57) Abstract:

The present disclosure relates to a communication method of converging an IoT technology with a 5G communication system for supporting a higher data transmission rate than 4G systems, and a system therefor. The present disclosure is applicable to 5G communication technology- and IoT-related technology-based intelligent services (e.g. smart homes, smart buildings, smart cities, smart cars or connected cars, health care, digital education, retail business, and security- and safety-related services). The present invention relates to a method and an apparatus for optimizing mobility robustness by adjusting factors involving mobility between wireless access technologies. A method for supporting mobility between radio access networks (RANs) by means of a source base station in a wireless communication system comprises the steps of: transmitting a handover request message to a target base station; receiving, from the target base station, a RAN information request message including a measurement report in response to the handover request message; and checking from the RAN information request message whether unnecessary handover has occurred and deciding to modify mobility settings.

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :28/09/2015 (4

(43) Publication Date: 12/02/2016

(54) Title of the invention : SHOOTING METHOD AND APPARATUS OF ELECTRONIC DEVICE, AND ELECTRONIC DEVICE

(51) International classification	:H04N5/232	(71)Name of Applicant:
(31) Priority Document No	:201310061987.3	1)HUAWEI DEVICE CO., LTD.
(32) Priority Date	:27/02/2013	Address of Applicant :Building B2, Huawei Industrial Base,
(33) Name of priority country	:China	Bantian, Longgang District, Shenzhen, P.R.CHINA 518129
(86) International Application No	:PCT/CN2014/072599	(72)Name of Inventor:
Filing Date	:27/02/2014	1)ZHANG, Hua
(87) International Publication No	:WO 2014/131358	2)SUN, Rui
(61) Patent of Addition to Application	:NA	3)TENG, Zhihui
Number		4)JIAO, Lintao
Filing Date	:NA	5)LI, Zhenggang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

Embodiments of the present invention provide a shooting method and apparatus of an electronic device, and the electronic device. An embodiment of the present invention provides a shooting method of an electronic device, comprising: selecting a front-facing camera to prepare shooting; and when the front-facing camera is used to perform shooting, adjusting a pixel gray scale of a liquid crystal display to a set gray scale valve and/or adjusting a color of the liquid crystal display to a set color, so as to supplement light to a shot object. In the embodiments of the present invention, light is supplemented on the shot object by adjusting a pixel gray scale and/or a color of a liquid crystal display, thereby solving the problem of a dim shooting effect of a front-facing camera.

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

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 12/02/2016

(54) Title of the invention: DELIVERY OF TELMISARTAN BY MAKING FORMULATIONS CONTAINING NANOCRYSTALS OR DISORDERED CRYSTALS OF IT AND A PROCESS WITHOUT USE OF ALKALANIZERS OR SOLVENTS FOR THE PREPARATION THEREOF.

(51) International classification	:A61K9/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANIMESH GHOSH
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENCE & TECHNOLOGY, BIRLA
(86) International Application No	:NA	INSTITUTE OF TECHNOLOGY (BIT), MESRA-835 215,
Filing Date	:NA	RANCHI, JHARKHAND. India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JINU ISAAC
Filing Date	:NA	2)ANIMESH GHOSH
(62) Divisional to Application Number	:NA	3)SWASTIKA GANGULY
Filing Date	:NA	4)SANTANU KAITY

(57) Abstract:

Nanocrystals and disordered nanocrystals of telmisartan were prepared by comilling telmisartan with poly (vinyl alcohol). These comilled telmisartan-poly (vinyl alcohol) products were fabricated into suitable solid dosage form. The type, size and the shape of the comilled telmisartan-poly (vinyl alcohol) bearing solid dosage forms designed to fit for the oral use. From the formulated dosage forms 75% or more of telmisartan incorporated as the dose was dissolved within 30 minutes, in water or an aqueous solution of pH 3 to 9. The formulation also posses required stability upon storage, for long periods of time.

No. of Pages: 29 No. of Claims: 7

(21) Application No.2689/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention : COMMUNICATION BETWEEN MACHINE-TO-MACHINE SERVICE LAYERS AND TRANSPORT 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 	:61/756,397 :24/01/2013 :U.S.A. :PCT/US2014/013071 :24/01/2014 :WO 2014/117039 :NA :NA	(71)Name of Applicant: 1)ZTE (USA) INC. Address of Applicant:55 Madison Avenue, Suite 160, Morristown, NJ 07960 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)BHALLA, Rajesh
- 14	:NA :NA :NA	

(57) Abstract:

Techniques for facilitating Machine-to-Machine (M2M) communications include providing an M2M system that implements one or more pre-defined M2M Application Programming Interface (API) profiles, providing a network interface for the M2M system, receiving a profile query over the network interface, and responding with information about the implemented one or more-pre-defined M2M API profiles.

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

(22) Date of filing of Application :28/08/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: REMOTE LOADING OF SPARINGLY WATER-SOLUBLE DRUGS INTO LIPOSOMES

(51) International :A61K9/127,A61K47/30,A61K31/165 classification

(31) Priority Document No :61/759,914 :01/02/2013 (32) Priority Date (33) Name of priority

:U.S.A. country

(86) International :PCT/US2014/014480 Application No

:03/02/2014 Filing Date

(87) International

:WO 2014/121211 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)ZONEONE PHARMA, INC.

Address of Applicant: UCSF Mission Bay Campus MC2522 QB3 Buyers Hall, 1700 4th Street, Suit 214, San Francisco, CA 94158-2330 UNITED STATES OF AMERICA.

(72) Name of Inventor: 1) HAYES, Mark, E. 2) NOBLE, Charles, O.

3)SZOKA Francis, C., Jr.

(57) Abstract:

The present invention provides liposome compositions containing sparingly soluble drugs. A preferred method of encapsulating a drug inside a liposome is by remote or active loading. Remote loading of a drug into liposomes containing a transmembrane electrochemical gradient is initiated by co-mixing a liposome suspension with a solution of drug, whereby the neutral form of the compound freely enters the liposome and becomes electrostatically charged thereby preventing the reverse transfer out of the liposome. In the preferred embodiment the drug in the solubilizing agent is mixed with the liposomes in aqueous suspension so that the concentration of solubilizing agent is lowered to below its capacity to completely solubilize the drug. This results in the drug precipitating but remote loading capability is retained. The resulting drug-loaded liposomes are characterized by a high drug-to-lipid ratio and prolonged drug retention when the liposome encapsulated drug is administered to a subject.

No. of Pages: 79 No. of Claims: 17

(22) Date of filing of Application :28/08/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: MINIATURE SENSOR STRUCTURES FOR ION MOBILITY SPECTROMETERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N27/333 :61/769,320 :26/02/2013 :U.S.A. :PCT/US2014/018648 :26/02/2014 :WO 2014/134156 :NA :NA	(71)Name of Applicant: 1)IMPLANT SCIENCES CORPORATION Address of Applicant: A Corporation With Offices At, 600 Research Drive, Wilmington, MA 01887 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)ANDERSON, Andrew, G. 2)VELAZQUEZ, Troy, A. 3)IVASHIN, Dmitriy, V. 4)BOUMSELLEK, Said
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

For ion mobility spectrometry applications, a desired shape of a sensor structure may be created by forming a desired shape from a ceramic material, such as aluminum nitride. In various embodiments, the sensor structure may be formed using discrete individual ceramic sheets and/or from a preformed ceramic tube. Via holes are formed into the sensor structure to provide for efficient circuitry configurations of the IMS drift tube and/or providing electrical connections between the interior and exterior of the drift tube.

No. of Pages: 28 No. of Claims: 21

(21) Application No.829/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :30/07/2015 (43) Publication Date : 12/02/2016

(54) Title of the invention: ELLIPTIC CURVE ENCRYPTION METHOD COMPRISING AN ERROR DETECTION

(51) International classification	:H04L9/08 :FR14	(71)Name of Applicant: 1)INSIDE SECURE
(31) Priority Document No	57603	Address of Applicant :RUE DE LA CARRIÈRE DE
(32) Priority Date	:05/08/2014	BACHASSON, CS 70025, ARTEPARC BACHASSON, BT. A,
(33) Name of priority country	:France	13590 MEYREUIL FRANCE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DUPAQUIS VINCENT
(87) 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 cryptographic calculation method in an elliptic curve cryptographic system, the method being executed by an electronic device (DV1) and comprising a multiplication operation of multiplying a point (P) of an elliptic curve by a scalar number, the point having affine coordinates belonging to a Galois field, the multiplication operation comprising steps of detecting the appearance of a point at infinity during intermediate calculations (ADD, DBL) of the multiplication operation, and of activating an error signal if the point at infinity is detected and if the number of bits of the scalar number processed by the multiplication operation is lower than the rank of the most significant bit of an order of a base point of the cryptographic system.

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

(21) Application No.3007/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: ANTI-TUMORAL COMPOSITION COMPRISING A PI3KBETA INHIBITOR AND A RAF INHIBITOR, TO OVERCOME CANCER CELLS RESISTANCE

(51) International :A61K31/538,A61K31/437,A61P35/00 classification

(31) Priority Document No:13305313.2

(32) Priority Date :15/03/2013

(33) Name of priority :EPO

country

(86) International :PCT/EP2014/055116 Application No

:14/03/2014 Filing Date

(87) International :WO 2014/140286

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

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

Publication No

:NA

Filing Date (62) Divisional to

(71)Name of Applicant:

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(72) Name of Inventor:

1)BONNEVAUX, Hèlène

2) GARCIA ECHEVERRIA, Carlos

3) VIRONE-ODDOS, Angela

(57) Abstract:

The present invention concerns a combination of a PI3Kβ inhibitor with a RAF inhibitor for its use for the treatment of a patient resistant to at least one RAF inhibitor, a kit comprising the same, its pharmaceutical uses thereof and a method of monitoring the efficiency of said combination when administered to a patient.

No. of Pages: 49 No. of Claims: 13

(21) Application No.3008/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015 (43) Publication Date: 12/02/2016

(54) Title of the invention: IMPROVING FORMABILITY OF WROUGHT COPPER-NICKEL-TIN ALLOYS

:C22F1/08,C22F1/10,C22C9/06 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/782,802 (32) Priority Date :14/03/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/023442

Filing Date :11/03/2014 (87) International Publication No :WO 2014/159404

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

:NA Number :NA Filing Date

1)MATERION CORPORATION

Address of Applicant: 6070 Parkland Boulevard, Mayfield Heights, Ohio 44124 UNITED STATES OF AMERICA.

(72)Name of Inventor: 1)WETZEL, John F. 2)SKORASZEWSKI, Ted

(57) Abstract:

Disclosed are processes for improving the formability of a copper-nickel-tin alloy having a 0.2% offset yield strength that is above 115 ksi. The alloy includes about 14.5 to about 15.5 wt% nickel, about 7.5 to about 8.5 wt% tin, and the remaining balance is copper. The copper-nickel-tin alloy is mechanically cold worked to undergo between 5% and 15% plastic deformation. The alloy is then heat treated at elevated temperatures of about 450°F to about 550°F for a period of about 3 hours to about 5 hours. The alloy is then subsequently mechanically cold worked again to undergo between 4% and 12% plastic deformation. The alloy is then further heated to an elevated temperature of about 700°F to about 850°F for a period between about 3 minutes and about 12 minutes to relieve stress. The resulting alloy has a combination of good formability ratio and good yield strength.

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

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT(DELHI)

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 61 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT NO.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
260179	CISCO TECHNOLOGY, INC.(U.S.A.)	TECHNIQUES FOR DISTRIBUTING DATA AMONG NODES BASED ON DYNAMIC SPATIAL/ORGANIZATIONAL STATE OF A MOBILE NODE	03/07/2014	DELHI

PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that application of under mentioned patents have been allowed and said patents are restored.

PATENT NO.	APPLICANTS	TITLE	DATE OF PUBLICATION IN JOURNAL	APPROPRIATE OFFICE
186702	BHARAT HEAVY ELECTRICALS LTD. AN INDIAN ORGANISATION.(India)	A UNIVERSAL REVOLVING CENTRE FOR USE IN THE CENTRE LATHE AND GRINDING MACHINES	01/08/2014	DELHI
235012	BEN GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY(Israel)	A PROCESS FOR PREPARATION OF ESSENTIAL OIL MICROCAPSULES"	03/04/2015	DELHI
197121	SIEMENS AKTIENGESELLSCHAFT OSTERREICH(Austria)	SWITCHED MODE MAINS POWER SUPPLY UNIT	03/04/2015	DELHI
240270	MARUTI UDYOG LTD.(India)	A CARBURETTOR SPARK IGNITON ENGINE"	03/04/2015	DELHI
194322	THE CHIEF CONTROLLER RESEARCH & DEVELOPMENT MINISTRY OF DEFENCE GOVERNMENT OF INDIA(India)	A PROCESS FOR PREPARATION OF ION EXCHANGE MEMBRANES	03/04/2015	DELHI
231927	EMISPHERE TECHNOLOGIES, INC.(U.S.A.)	A pharmaceutical composition containing insulin as the active agent and the delivery agent being the monosodium salt of 4-CNAB (Sodium N-[4-(4-chloro-2hydroxybenzoyl)amino1 butanoic acid)"	28/11/2014	DELHI
218161	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT (India)	AN ANTIDOTE S-(w- AMINOALKYLAMINO) ALKYL ARYL SULPHIDE DIHYDROCHLORIDES''	15/05/2015	DELHI
222852	INTEL CORPORATION (Argentina)	A SYSTEM TO EXECUTE A POLICY BASED RESPONSE TO SYSTEM ERRORS"	15/05/2015	DELHI
214744	1 :- PRASAD VAIDYA BANKE,(India) 2 :- GUPTA KRISHNA CHANDRA,(India) 3 :- MALL TRIVENI(India)	HERBAL COMPOSITION FOR THE TREATMENT OF ANIMAL BITES ESPECIALLY SNAKE BITE AND EARLY STAGES OF HYDROPHOBIA, AND A PROCESS OF PREPARING THE SAME	15/05/2015	DELHI

Seri al 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)	Appropria te Office
1	271156	4708/DELNP/2009	16/01/2007	16/01/2007	HARDCOAT COMPOSITION	MITSUI CHEMICALS, INC.,AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH	05/03/2010	DELHI
2	271157	3501/DELNP/2006	13/12/2004	22/12/2003	IMPROVED PROCESS FOR THE PRODUCTION AND PURIFICATION OF VINYL AROMATIC MONOMERS	POLIMERI EUROPA S.P.A.	31/08/2007	DELHI
3	271161	10349/DELNP/2011	22/06/2010	26/06/2009	HETEROCYCLIC SULFONAMIDES, USES AND PHARMACEUTICAL COMPOSITIONS THEREOF	PFIZER INC.	26/10/2012	DELHI
4	271164	6815/DELNP/2006	25/05/2005	28/05/2004	AN EFFICIENT, INTEGRATED PROCESS FOR GENERATING HYDROGEN FROM A HYDROCARBON- CONTAINING FEEDSTOCK	HYRADIX, INC	31/08/2007	DELHI
5	271166	4201/DELNP/2009	09/01/2008	12/01/2007	DUAL ZONE AROMATIC ALKYLATION PROCESS	UOP LLC	19/03/2010	DELHI
6	271168	6153/DELNP/2009	04/04/2008	05/04/2007	PRESSURE SENSITIVE SHRINK LABEL	AVERY DENNISON CORPORATION	02/07/2010	DELHI
7	271169	8291/DELNP/2010	24/06/2009	25/06/2008	PROCESS TO MAKE OLEFINS FROM ORGANICS	TOTAL PETROCHEMICALS RESEARCH FELUY	02/03/2012	DELHI
8	271176	4375/DELNP/2009	21/01/2008	23/01/2007	PROCESS FOR THE PREPARATION OF DIARYL CARBONATE	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	27/11/2009	DELHI
9	271178	7923/DELNP/2008	18/04/2007	18/04/2006	APPARATUS FOR CUTTING FOOD PRODUCT	URSCHEL LABORATORIES, INC.,FRITO-LAY NORTH AMERICA, INC.	31/10/2008	DELHI
10	271179	1093/DELNP/2009	31/08/2007	19/09/2006	HUB DEVICE FOR DISC BRAKE, BRAKE DISC, AND VEHICLE	SCANIA CV AB (PUBL)	15/05/2009	DELHI
11	271181	2592/DELNP/2007	15/10/2005	15/10/2004	A LINEAR ACTUATOR	LINAK A/S	03/08/2007	DELHI

12	271186	7058/DELNP/2007	04/03/2006	04/03/2005	AN EXPRESSION VECTOR	CELLTRION, INC.	05/10/2007	DELHI
13	271187	763/DEL/2006	22/03/2006 12:10:18		PREPARATION OF TITANIUM CARBONITRIDE IN EXTENDED ARC THERMAL PLASMA	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	24/02/2012	DELHI
14	271189	2242/DELNP/2009	25/09/2007	26/09/2006	PRODUCTION OF ISOPRENOIDS AND ISOPRENOID PRECURSORS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, AMYRIS BIOTECHNOLOGIES, INC.	20/08/2010	DELHI
15	271192	1401/DEL/2006	13/06/2006 12:07:32		SUBMERSIBLE WATER PUMP INSTALLED WITHOUT DELIVERY PIPE	KANWAR VARINDER SINGH,RAMAN GUPTA	18/08/2006	DELHI
16	271193	9437/DELNP/2007	12/06/2006	13/06/2005	SELF-REINFORCED POLYMERIC MATERIAL SUITABLE FOR THE PRODUCTION OF OPHTHALMIC AND OTORHINOLARYNGOL OGICAL DEVICE	ALCON, INC.	25/01/2008	DELHI
17	271194	410/DELNP/2008	23/06/2006	24/06/2005	"PRRS VIRUSES, INFECTIOUS CLONES, MUTANTS THEREOF, AND METHODS OF USE"	REGENTS OF THE UNIVERSITY OF MINNESOTA	01/08/2008	DELHI
18	271197	6200/DELNP/2008	20/12/2006	21/12/2005	A in vitro method for the expansion of tumour - reactive	SENTOCLONE INTERNATIONAL AB	24/10/2008	DELHI
19	271198	630/DELNP/2004	17/09/2002	18/09/2001	A METHOD OF CLEANING A MEMBRANE FILTRATION MODULE	U.S. FILTER WASTEWATER GROUP, INC.	30/10/2009	DELHI
20	271200	2072/DEL/2006	20/09/2006 15:46:24	22/09/2005	INTERNAL COMBUSTION ENGINE TURBOCHARGED USING EXHAUST GAS TURBOCHARGER	MAN TRUCK & BUS AG	17/08/2007	DELHI
21	271201	687/DELNP/2008	14/07/2006	25/07/2005	IMPROVED METHODS AND COMPOSITIONS FOR INCREASING LONGEVITY AND PROTEIN YIELD FROM A CELL CULTURE	IMMUNOMEDICS, INC.	11/07/2008	DELHI
22	271202	4718/DELNP/2009	12/02/2008	26/02/2007	PROCESS FOR THE PREPARATION OF CERTAIN SUBSTITUTED SULFILIMINES	DOW AGROSCIENCES LLC,	09/04/2010	DELHI
23	271203	4294/DELNP/2009	11/01/2008	12/01/2007	IMPROVED SPRAY DRYING PROCESS	DANISCO US, INC., GENENCOR DIVISION	02/04/2010	DELHI

24	271204	4013/DELNP/2007	02/12/2005	07/12/2004	HYDROGEN STORAGE MATERIAL FORMED FROM CAST MAGNESIUM-NICKEL ALLOY AND METHOD OF PRODUCING THE SAME	HYDREXIA PTY LIMITED	31/08/2007	DELHI
25	271205	6834/DELNP/2008	27/03/2007	17/04/2006	A SEAT BELT RETRACTOR ASSEMBLY	KEY SAFETY SYSTEMS, INC.	24/10/2008	DELHI
26	271206	5488/DELNP/2008	26/12/2006	23/12/2005	ANTICANCER AGENT COMPRISING A PEPTIDE	POSCO,POSTECH FOUNDATION	24/10/2008	DELHI
27	271207	8147/DELNP/2008	11/04/2007	13/04/2006	PROCESS FOR PRODUCING N-PROPYL BROMIDE OR OTHER ALIPHATIC BROMIDES •	ALBEMARLE CORPORATION,	22/05/2009	DELHI
28	271208	764/DELNP/2007	08/08/2005	10/08/2004	Process for obtaining middle distillate and lower olefins from a hydrocarbon feedstock	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.,	03/08/2007	DELHI
29	271210	9777/DELNP/2007	01/03/2002	01/03/2001	A METHOD OF PREPARING AN AMORPHOUS FORM (-)-cis- FTC	TRIANGLE PHARMACEUTICALS,INC., ABBOTT LABORATORIES	08/02/2008	DELHI
30	271219	1974/DEL/2007	18/09/2007 10:38:29		NANOCOMPOSITE MATERIAL USEFUL FOR THE PREPARATION SUPERHYDROPHOBIC COATING AND A PROCESS FOR THE PREPARATION THEREOF.	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	17/04/2009	DELHI
31	271222	4376/DELNP/2009	21/01/2008	23/01/2007	PROCESS FOR THE PREPARATION OF DIARYL CARBONATE	SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V	06/11/2009	DELHI
32	271224	339/DEL/2006	06/02/2006		A METHOD FOR ESTIMATION OF LEAD IN FOOD SAMPLES	DIRECTOR GENERAL, DEFENSE RESEARCH & DEVELOPMENT ORGANIZATION	17/08/2007	DELHI
33	271228	4568/DELNP/2009	30/01/2008	31/01/2007	INK-JET INK FORMULATIONS CONTAINING IMIDAZOLE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	04/12/2009	DELHI
34	271229	9921/DELNP/2007	30/06/2006	01/07/2005	IMPROVED CRUCIBLE FOR THE CRYSTALLIZATION OF SILICON	VESUVIUS CRUCIBLE COMPANY	20/06/2008	DELHI
35	271241	10040/DELNP/2008	07/06/2006	07/06/2006	PROCESS FOR PRODUCING OXACARBAZEPINE VIA AN 11-ALKOXY-10- HALO- DIHYDROIMINOSTILBE NE INTERMEDIATE	JUBILANT ORGANOSYS LIMITED	27/03/2009	DELHI

Seri al 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)	Appropriat e Office
1	271167	448/MUM/2007	09/03/2007		VEHICLE AIR CONDITIONER MONITORING SYSTEM	MAHINDRA & MAHINDRA LTD.	18/04/2008	MUMBAI
2	271172	236/MUMNP/200 5	30/06/2000	30/06/1999	A CONCENTRATE SOLUTION	UNITED COLOR MANUFACTURING, INC	02/12/2005	MUMBAI
3	271174	2120/MUMNP/20 07	15/06/2006	16/06/2005	CIRCUIT BOARD STRUCTURE AND METHOD FOR MANUFACTURING A CIRCUIT BOARD STRUCTURE	GE EMBEDDED ELECTRONICS OY	01/02/2008	MUMBAI
4	271182	357/MUMNP/200 8	24/07/2006	25/07/2005	METHOD AND APPARATUS FOR LOCATING A WIRELESS LOCAL AREA NETWORK IN A WIDE AREA NETWORK	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
5	271183	704/MUMNP/200 8	27/09/2006	27/09/2005	CHANNEL SWITCH FRAME	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
6	271185	1058/MUMNP/20 10	05/11/2008	29/11/2007	LAUNDRY PRODUCT	HINDUSTAN UNILEVER LIMITED	02/12/2011	MUMBAI
7	271188	354/MUMNP/201 0	22/08/2008	24/08/2007	COMPOSITIONS FOR THE TREATMENT OF NEOPLASTIC DISEASES •	STICHTING HET NEDERLANDS KANKER INSTITUUT,SLOTERV AART PARTICIPATIES BV	16/07/2010	MUMBAI
8	271190	2654/MUMNP/20 08	21/06/2007	21/06/2006	NETWORK TERMINAL WITH A LOW DUTY CYCLE	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
9	271191	2187/MUMNP/20 10	03/07/2009	07/07/2008	1-SUBSTITUTED PYRIDYL- PYRAZOLYL AMIDE COMPOUNDS AND COMPOSITION COMPRISES SAME	SINOCHEM CORPORATION,SHEN YANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO. LTD.	28/01/2011	MUMBAI
10	271196	1115/MUM/2008	26/05/2008 17:14:36		A PHARMACEUTICAL COMPOSITION COMPRISING SUPERSATURABLE SELF EMULSIFYING DRUG DELIVERY SYSTEM OF RHEIN OR DIACEREIN OR SALTS THEREOF	WOCKHARDT LTD.	04/12/2009	MUMBAI
11	271199	1994/MUMNP/20 08	27/03/2007	27/03/2006	POWER CONTROL AND RESOURCE MANAGEMENT IN ORTHOGONAL WIRELESS SYSTEMS	QUALCOMM INCORPORATED	19/12/2008	MUMBAI

12	271214	100/MUMNP/201 0	30/07/2008		DEVICE AND METHOD FOR VARYING PACKING AND LINKING IN GRAPHICS SYSTEMS •	QUALCOMM INCORPORATED	25/06/2010	MUMBAI
13	271216	3275/MUM/2011	22/11/2011 16:42:02		METHOD FOR PREPARATION OF ZINC OXIDE NANOPARTICLE SYNTHESIS USING SOLAR ENERGY	BHANAGE BHALCHANDRA MAHADEO	10/02/2012	MUMBAI
14	271226	699/MUMNP/200 7	11/10/2005	15/10/2004	METHOD AND APPARATUS FOR RECOGNIZING A DISTURBING EFFECT IN AN INFORMATION CHANNEL	ERICSSON AB	20/07/2007	MUMBAI
15	271227	2479/MUM/2009	15/01/2010		PREPARATION OF LONG CHAIN BRANCHED POLPROPYLENE VIA DIRECT REACTIVE EXTRUSION	RELIANCE INDUSTRIES LIMITED	03/02/2012	MUMBAI
16	271230	3280/MUM/2010	01/12/2010 15:57:14		SUPPORTED UNDECAPHOSPHOTUNGSTAT E CATALYST FOR AEROBIC EPOXIDATION OF ALKENES	M.S. UNIVERSITY OF BARODA	28/06/2013	MUMBAI
17	271231	483/MUMNP/200 9	01/10/2007	02/10/2006	OPTIMAL ERROR PROTECTION CODING FOR MIMO ACK/NACK/PRE/POST INFORMATION	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	22/05/2009	MUMBAI

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1	271159	6404/CHENP/2008	08/05/2007	11/05/2006	DEBRIS REDUCTION IN ELECTRON-IMPACT X- RAY SOURCES	JETTEC AB	27/03/2009	CHENNAI
2	271162	1923/CHE/2008	08/08/2008 17:23:37		MULTI-PURPOSE FLEXIBLE STORAGE SYSTEM	MALLIKARJUNA MACHNOOR	12/02/2010	CHENNAI
3	271163	1544/CHENP/2009	26/10/2007	19/10/2006	BEACON CODING IN WIRELESS COMMUNICATIONS SYSTEMS	QUALCOMM INCORPORATED	21/08/2009	CHENNAI
4	271165	2348/CHE/2007	16/10/2007 16:26:00		METHOD OF SECURELY TRANSFERRING AN ELECTRONIC DOCUMENT	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	02/04/2010	CHENNAI
5	271170	2242/CHENP/2009	27/09/2007	27/10/2006	LIQUID-LIQUID SEPARATION DEVICE	WEIHAI DENGTONG PURIFICATION EQUIPMENT CO.,LTD.	02/04/2010	CHENNAI
6	271171	2755/CHENP/2008	30/11/2006	02/12/2005	WIRELESS SYSTEMS AND METHODS INCLUDING COOPERATIVE COMMUNICATION MEDIUM ACCESS CONTROL	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/03/2009	CHENNAI
7	271173	3662/CHENP/2009	03/12/2007	11/01/2007	AUTHENTICATION IN COMMUNICATION NETWORKS	NOKIA TECHNOLOGIES OY	21/08/2009	CHENNAI
8	271175	1064/CHE/2007	21/05/2007 16:06:32	19/05/2006	METHOD AND DEVICE FOR MEASURING THE TEMPERATURE OF A MOLTEN METAL BATH	HERAEUS ELECTRO- NITE INTERNATIONAL N.V.	28/11/2008	CHENNAI
9	271180	1952/CHE/2009	17/08/2009 10:31:41	20/08/2008	DISCHARGE FITTING WITH A PLASTIC HOUSING OF THE FITTING FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS	PROTECHNA S.A.	26/02/2010	CHENNAI
10	271220	937/CHENP/2009	10/09/2007	08/09/2006	A METHOD FOR DETERMINING RADIATED PERFORMANCE CHARACTERISTIC OF A WIRELESS DEVICE	QUALCOMM INCORPORATED	29/05/2009	CHENNAI

271221	5493/CHENP/2007	04/05/2006	04/05/2005	BILATERALLY GENERATED ENCRYPTION KEY SYSTEM	SYED IBRAHIM ABDUL HAMEED KHAN ABDUL RAHMAN	06/07/2012	CHENNAI
271223	4407/CHENP/2009	04/02/2008	02/02/2007	MULTI-CARRIER MODULATION SCHEME USING AN IDENTIFICATION SEQUENCE	Research In Motion Limited	18/06/2010	CHENNAI
271225	440/CHENP/2009	24/07/2007	24/07/2006	IMPLANTABLE NEURO- STIMULATION ELECTRODE WITH FLUID RESERVOIR	MED-EL ELECKTROMEDIZINSCH E GERAETE GMBH	05/06/2009	CHENNAI
271234	4028/CHENP/2009	06/02/2008	08/02/2007	A METHOD AND APPARATUS FOR FREQUENCY HOPPING WITH FREQUENCY FRACTION REUSE	QUALCOMM INCORPORATED	11/06/2010	CHENNAI
271238	397/CHENP/2009	16/08/2006	18/08/2006	FEEDBACK OF PRECODING CONTROL INDICATION (PCI) AND CHANNEL QUALITY INDICATION (CQI) IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	05/06/2009	CHENNAI
	271223 271225 271234	271221 5493/CHENP/2007 271223 4407/CHENP/2009 271225 440/CHENP/2009 271234 4028/CHENP/2009 271238 397/CHENP/2009	271223 4407/CHENP/2009 04/02/2008 271225 440/CHENP/2009 24/07/2007 271234 4028/CHENP/2009 06/02/2008	271223 4407/CHENP/2009 04/02/2008 02/02/2007 271225 440/CHENP/2009 24/07/2007 24/07/2006 271234 4028/CHENP/2009 06/02/2008 08/02/2007	271221 5493/CHENP/2007 04/05/2006 04/05/2005 GENERATED ENCRYPTION KEY SYSTEM	271221 5493/CHENP/2007 04/05/2006 04/05/2005 GENERATED ENCRYPTION KEY SYSTEM 271223 4407/CHENP/2009 04/02/2008 02/02/2007 MULTI-CARRIER MODULATION SCHEME USING AN IDENTIFICATION SEQUENCE 271225 440/CHENP/2009 24/07/2007 24/07/2006 IMPLANTABLE NEURO-STIMULATION ELECTRODE WITH FLUID RESERVOIR AMETHOD AND APPARATUS FOR FREQUENCY HOPPING WITH FREQUENCY HOPPING WITH FREQUENCY HOPPING WITH FREQUENCY HOPPING WITH FREQUENCY FRACTION REUSE 271238 397/CHENP/2009 16/08/2006 18/08/2006 INDICATION (PCI) AND CHANNEL QUALITY INDICATION (CQI) IN A WIRELESS COMMUNICATION 271238 CHENP/2009 16/08/2006 18/08/2006 INDICATION (CQI) IN A WIRELESS COMMUNICATION	271221 5493/CHENP/2007 04/05/2006 04/05/2005 GENERATED ENCRYPTION KEY SYSTEM HAMEED KHAN ABDUL RAHMAN 06/07/2012

Se ria 1 Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	271158	4643/KOLNP/2008	22/05/2007	24/05/2006	SUCTION JET PUMP	CONTINENTAL AUTOMOTIVE GMBH	13/03/2009	KOLKATA
2	271160	2553/KOLNP/2009	28/01/2008	23/02/2007	CATALYTICALLY ACTIVE DIESEL PARTICULATE FILTER WITH AMMONIA TRAP EFFECT	UMICORE AG & CO. KG	04/12/2009	KOLKATA
3	271177	4557/KOLNP/2009	03/07/2008	05/07/2007	DEVICE AND METHOD FOR BACK UP AND TRANSFER OF DIGITAL RIGHTS	FRAUNHOFER- GESELLSCHAFT ZUR F- RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	23/04/2010	KOLKATA
4	271184	4273/KOLNP/2009	28/05/2008	08/06/2007	METHOD FOR FILTERING A SUSPENSION AND FILTER DEVICE	OUTOTEC (FILTERS)OY	09/04/2010	KOLKATA
5	271195	3046/KOLNP/2007	18/11/2005	11/02/2005	INFUSION UNIT	HALSSEN & LYON GMBH	30/11/2007	KOLKATA
6	271209	404/KOLNP/2010	22/08/2007	22/08/2007	ADHESIVE SHEET MATERIAL FOR AGING PREVENTION	THE YOKOHAMA RUBBER CO., LTD.	14/05/2010	KOLKATA
7	271211	707/KOL/2008	10/04/2008	12/04/2007	A BRAKE CYLINDER DEVICE	NABTESCO CORPORATION	05/06/2009	KOLKATA
8	271212	1971/KOL/2008	06/11/2008	21/11/2007	A DIAGNOSTIC SYSTEM FOR VARIABLE VALVE ACTUATION MECHANISM OF AN ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
9	271213	3242/KOLNP/2006	28/04/2005	29/04/2004	A METHOD AND A UNIT FOR PRODUCING BLISTER PACKS BY CUTTING A BLISTER BAND	I.M.A.INDUSTRIA MACCHINE AUTOMATICHE S.P.A.	08/06/2007	KOLKATA
10	271215	2047/KOLNP/2007	21/12/2005	21/12/2004	POLISHING WHEEL	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	10/08/2007	KOLKATA
11	271217	669/KOLNP/2007	14/11/2005	22/11/2004	SPHEROIDAL CAST ALLOY AND METHOD FOR PRODUCING CAST PARTS FROM SAID SPHEROIDAL CAST ALLOY	GEORG FISCHER AUTOMOTIVE AG.	06/07/2007	KOLKATA

12	271218	1312/KOLNP/2006	03/12/2004	04/12/2003	ACTIVE SUTURE FOR THE DELIVERY OF THERAPEUTIC FLUIDS	ETHICON, INC.	04/05/2007	KOLKATA
13	271232	3449/KOLNP/2008	30/01/2007	30/01/2006	A PORTABLE DATAPORT FOR PROJECT DOCUMENT RETRIEVING, INTER- RELATING, ANNOTATING AND MANAGEMENT	FASTTAC INC.	13/02/2009	KOLKATA
14	271233	1401/KOL/2006	27/12/2006 14:48:27	29/12/2005	METHOD AND SYSTEM FOR MULTI-LEVEL SECURE PERSONAL PROFILE MANAGEMENT AND ACCESS CONTROL TO THE ENTERPRISE MULTI-MODAL COMMUNICATION ENVIRONMENT IN HETEROGENEOUS CONVERGENT COMMUNICATION NETWORKS	LITESCAPE TECHNOLOGIES INC	06/07/2007	KOLKATA
15	271235	1279/KOLNP/2010	17/08/2009	22/09/2008	METHOD, SYSTEM AND APPARATUS FOR A PUBLIC EMERGENCY BROADCAST SYSTEM ALARM	HUAWEI TECHNOLOGIES CO., LTD.	18/06/2010	KOLKATA
16	271236	4968/KOLNP/2010	14/05/2009	29/05/2008	PROCESS FOR PRODUCTION OF HALOGENATED α- FLUOROETHERS	CENTRAL GLASS COMPANY, LIMITED	25/11/2011	KOLKATA
17	271237	1540/KOLNP/2009	01/11/2007	01/11/2006	MULTI-LAYER PROCESS AND APPARATUS FOR PRODUCING HIGH STRENGTH FIBER- REINFORCED STRUCTURAL CEMENTITIOUS PANELS WITH ENHANCED FIBER CONTENT	UNITED STATES GYPSUM COMPANY	29/05/2009	KOLKATA
18	271239	1907/KOLNP/2007	24/11/2005	30/11/2004	A VENTILATING SYSTEM FOR MOTOR VEHICLES	SPAL AUTOMOTIVE S.R.L.	10/08/2007	KOLKATA
19	271240	944/KOL/2005	17/10/2005	18/10/2004	CONTROL HOUSING FOR WORK VEHICLE	DEERE & COMPANY	13/07/2007	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT, 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of WYETH LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
252357	09-07	PFIZER LIMITED, A PUBLIC LIMITED COMPANY INCORPORATED UNDER THE PROVISIONS OF THE INDIAN COMPANIES ACT, 1913 OF THE ADDRESS PFIZER CENTER, PATEL ESTATE, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102, MAHARASHTRA, INDIA

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000 & Designs (Amendment) Rules, 2008

(1)

"Mrs. Dimpal Jain of 167, Arihant Nagar, West Punjabi Bagh, 1st Floor, Delhi - 110026 has filed a petition (Petition No. Can/002/2016) on 07/01/2016 for cancellation of registration of registered Design No. 261490 dated 02/04/2014 under class 09-05 titled as 'Tube For Adhesive' in the name of Fixwell Industries, 167, Arihant Nagar Jain Colony, Punjabi Bagh West, Near Madipur Metro Station, New Delhi – 110026, India, An Indian proprietorship firm whose proprietor is Sh. Atul Jain, an Indian national of the above address."

(2)

"Shri Rajeev Kothari, Vice President Taxation & Special Power of attorney holder to act on behalf of M/s. Surya Roshni Limited, trading at Padma Tower I, 5-Rajindra Place, New Delhi – 110008, Inda has filed a petition (Petition No. Can/003/2016) on 18/01/2016 for cancellation of registration of registered Design No. 264233 dated 25/07/2014 under class 23-01 titled as 'Hollow Section Pipe' in the name of APL Apollo Tubes Limited (A Public Limited Company registered and incorporated in India under the provisions of the Companies Act, 1956), having its office at 36, Kaushambi, Near Anand Vihar Terminal, Ghaziabad-201010, India, Indian nationality."

(3)

"Shri Rajeev Kothari, Vice President Taxation & Special Power of attorney holder to act on behalf of M/s. Surya Roshni Limited, trading at Padma Tower I, 5-Rajindra Place, New Delhi – 110008, Inda has filed a petition (Petition No. Can/004/2016) on 18/01/2016 for cancellation of registration of registered Design No. 264234 dated 25/07/2014 under class 25-99 titled as 'Hollow Section Pipe' in the name of APL Apollo Tubes Limited (A Public Limited Company registered and incorporated in India under the provisions of the Companies Act, 1956), having its office at 36, Kaushambi, Near Anand Vihar Terminal, Ghaziabad-201010, India, Indian nationality."

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	194813	04.02.2016
2.	265182	29.12.2015
3.	265183	29.12.2015
4.	265184	29.12.2015
5.	265185	29.12.2015
6.	265186	29.12.2015
7.	265187	29.12.2015
8.	260588	03.02.2016
9.	260589	03.02.2016
10.	260591	03.02.2016

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	275205		
CLASS	12-11		
() - () - (

1)MAHINDRA TWO WHEELERS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	03/09/2015
TITLE	MOTORCYCLE



PRIORITY NA

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED	
CLASS	07-99
DESIGN NUMBER	275318

IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	07/09/2015
TITLE	TRAY



PRIORITY NA

DESIGN NUMBER	275376
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	07/09/2015
TITLE	TEXTILE FABRIC

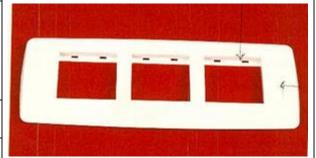


DESIGN NUMBER	265263
CLASS	13-03

1)VIMAL KUMAR H. JAIN (AN INDIAN NATIONAL) PROPRIETOR OF M/S. OSWAL INDUSTRIES AN INDIAN PROPRIETORSHIP FIRM AT

D-3, ANANDI INDUSTRIAL ESTATE, B-P CROSS ROAD, ROAD NO-1, BHAYANDAR (E), THANE-401105, MAHARASHTRA, WITHIN THE UNION OF INDIA

DATE OF REGISTRATION TITLE	28/08/2014 SWITCH PLATE
	SWITCHTEATE



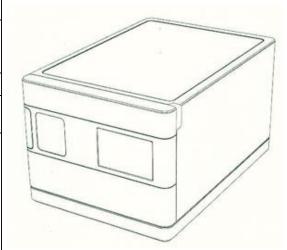
PRIORITY NA

DESIGN NUMBER	274871
CLASS	24-01
1)CENEDAL ELECTRIC COMPANY A US COMPANY	

1)GENERAL ELECTRIC COMPANY, A US COMPANY,

OF 1 RIVER ROAD, SCHENECTADY, 12345 NEW YORK, UNITED STATES OF AMERICA

DATE OF REGISTRATION	25/08/2015
TITLE	STACKABLE BIOREACTOR INSTRUMENT



PRIORITY NA

DESIGN NUMBER	275105
CLASS	06-01

1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT 41 NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	01/09/2015
TITLE	CHAIR



DESIGN NUMBER	275743
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

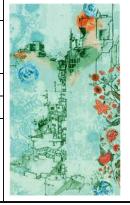


PRIORITY NA

DESIGN NUMBER	275834
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



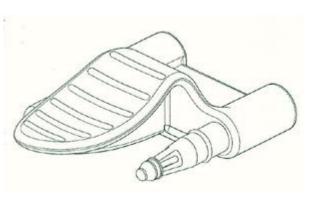
PRIORITY NA

DESIGN NUMBER	262598	
CLASS	24-01	
1)ZEVEX, INC. A CORPORATION OF THE STATE OF		

ELAWARE, U.S.A. AT

4314 ZEVEX PARK LANE SALT LAKE CITY, UT 84123, UNITED STATES OF AMERICA.

DATE OF REGISTRATION		15/05/2014	
TITLE	ENT	ENTERAL FEEDING PUMP CASSETTE	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/475,167		30/11/2013	U.S.A.



DESIGN NUMBER	264008	
CLASS	12-15	
1)M/S. JK TYRE & INDUSTRIES 1 7, COUNCIL HOUSE STREET, KC COMPANY.	LIMITED, OF DLKATA-700001, INDIA, AN INDIAN	
DATE OF REGISTRATION	14/07/2014	
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	275373	
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	07/09/2015	
TITLE	TEXTILE FABRIC	MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND
PRIORITY NA		
DESIGN NUMBER	275758	
CLASS	05-05	
	O LATE SH. SATISH CHANDER BINDRA, AL VILLA, NEAR CSKM SCHOOL, SATBARI,	MANANA
DATE OF REGISTRATION	18/09/2015	2222222222
TITLE	TEXTILE FABRIC	aranaranara
PRIORITY NA		

DESIGN NUMBER		275144	
CLASS		14-03	
1)GIONEE COMMUNICATION ECOMPANY DULY ORGANIZED AN PEOPLE'S REPUBLIC OF CHINA CONTROL TIMES TECHNOLOGY BUILD DISTRICT, SHENZHEN, GUANGDON	ND EXISTING UNDE DF LDING, 7028 SHENNA	AN ROAD, FUTIAN	
DATE OF REGISTRATION	0.3	1/09/2015	1
TITLE	MOB	ILE PHONE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
201530187538.3	10/06/2015	CHINA	
201330107330.3	10/00/2013	Cimix	0 0 4
DESIGN NUMBER	275372		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	PANIES ACT, 1956 H	IAVING ITS	RED
DATE OF REGISTRATION	07/09/2015		349
TITLE	TEXT	TLE FABRIC	
PRIORITY NA			
DESIGN NUMBER		275973	
CLASS	09-09		
1)HYVA MECHANICS (CHINA) C NO. 9 HYVA ROAD, GUANGLING PROVINCE 225006, CHINA		X, YANGZHOU JIANGS	SU
DATE OF REGISTRATION	23/09/2015		
TITLE	GARBAGE CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002665463	23/03/2015	OHIM	· ·

DESIGN NUMBER	275757
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275841
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "'BINDRA'' FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	272900
CLASS	11-01

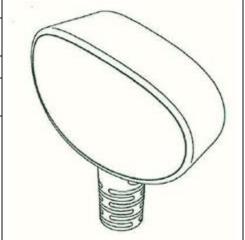
1)GANJAM NAGAPPA & SON PVT LTD

63, PALACE ROAD, VASANTH NAGAR, BANGALORE, KARNATAKA, 560052, INDIA

DATE OF REGISTRATION	20/06/2015
TITLE	RING



DESIGN NUMBER	247772	
CLASS	13-02	
1) PACIFIC BIOSCIENCE LABORATORIES, INC. AT P.O. BOX 429 REDMOND WA 98073-0429, UNITED STATES OF AMERICA		
DATE OF REGISTRATION 10/09/2012		
TITLE	A CHARGER UNIT FOR AN ELECTRIC SKIN BRUSH	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
US 29/415,441	09/03/2012	U.S.A.

DESIGN NUMBER	274807
CLASS	06-03

1)M/S JOYO PLASTICS A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING ITS REGISTERED OFFICE AT 104, JAY ANTARIKSH, MAKKWANA ROAD, MAROL, CTS 777, ANDHERI KURLA ROAD, ANDHERI (EAST), MUMBAI-400059, MAHARASHTRA STATE, INDIA

DATE OF REGISTRATION	24/08/2015
TITLE	TABLE



PRIORITY NA

DESIGN NUMBER 275337	
CLASS	28-03
1)MAHESH PATEL (INDIAN NATIONAL) HAVING OFFICE AT 107/108, MAHAVIR INDUSTRIAL ESTATE, RAMCHANDRA LANE EXTINCTION, KANCH PADA, MALAD (WEST), MUMBAI-400064, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	07/09/2015



TITLE



RAZOR

DESIGN NUMBER	276011
CLASS	23-01
1)JAQUAR & COMPANY PRIVATE LIMITED, AN INDIAN COMPANY, OF SP-53, RIICO INDUSTRIAL AREA, BHIWADI-301019, RAJASTHAN, INDIA	
DATE OF REGISTRATION	24/09/2015
TITLE	FAUCET



PRIORITY NA

DESIGN NUMBER 264791	
CLASS	25-02
1)MR. MOHAMMAD NASIR, PROPRIETOR OF M/S. VIKAS STEEL FABRICATORS WHOSE ADDRESS IS 174/175, NAVRAN NAGAR, DHAR ROAD, INDORE- [M.P.]	
DATE OF REGISTRATION	14/08/2014

		- 5
A		
		4
III (

PRIORITY NA

TITLE

DESIGN NUMBER	275334	
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		
ATE OF REGISTRATION 07/09/2015		
TITLE	DECORATIVE ARTICLE	



DOOR

DESIGN NUMBER	277000
CLASS	07-01
1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UN	

1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT PLOT NO. 22, S. NO.820(1), DEWAN & SONS UDYOG NAGAR, CHINTUPADA, PALGHAR(W), THANE-401401, MAHARASHTRA, INDIA

DATE OF REGISTRATION	28/10/2015
TITLE	WATER JUG



PRIORITY NA

DESIGN NUMBER	273230	
CLASS	25-01	

1)S MUTHURAMAN

38/39, KENCHAPPA ROAD, FRAZER TOWN, BANGALORE-560005, KARNATAKA, INDIA. 2)MUSTUFA TAIYEBI RASIWALA 2/5, ALHASANAT CHS, BEHIND HSGC BANK, OFF 10TH N.S ROAD, JUPD, MUMBAI-40049, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	30/06/2015		
TITLE	CORNER REINFORCED RAISED ACCESS FLOOR PANEL		
PRIORITY NA			



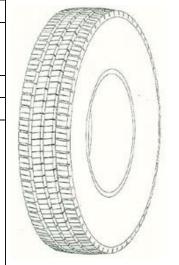
PRIORITY NA

DESIGN NUMBER	275093	
CLASS	12-15	
1) 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA,

OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA

DATE OF REGISTRATION	31/08/2015	
TITLE	TYRE TREAD	



DESIGN NUMBER		275345	
CLASS		26-05	
1)MA DESIGN INDIA PRIVAT INDIA HAVING ITS PRINCIPA A-41, SECTOR-80, PHASE-II,	L PLACE OF BUS		
DATE OF REGISTRATION		07/09/2015	
TITLE		TABLE LAMP	
PRIORITY NA			
DESIGN NUMBER		276666	
CLASS		23-04	
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA		EAN COMPANY, OF I-SI, GYEONGGI-DO, 443-742	
DATE OF REGISTRATION		15/10/2015	
TITLE	DEHUMIDIFIER		
PRIORITY PRIORITY NUMBER 30-2015-0023496	DATE 08/05/2015	COUNTRY KOREA(SOUTH)	
DESIGN NUMBER		275831	
CLASS		05-05	**************************************
1)MR. SIDDHARATH BINDRA R/O "BINDRA" • FARM, F-4, NEW DELHI-110030		ATISH CHANDER BINDRA, EAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION		18/09/2015	
TITLE		TEXTILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		263022		
CLASS	25-01			~
1)ONDULINE, A FRENCE 35 RUE BAUDIN, 92300 I			144 A.	
DATE OF REGISTRATION	30/05/2014			J. A.
TITLE		ROOFING PLATE		THE THE PARTY
PRIORITY NA				THE PROPERTY OF THE PARTY OF TH
DESIGN NUMBER		274811		
CLASS		07-01		
REGISTERED OFFICE AT	IAKKWA NDHERI			
REGISTRATION		24/08/2015		
TITLE		BOWL	Nº NE	
PRIORITY NA				
DESIGN NUMBER		275090		
CLASS		12-15		
OF INDIA,	,	COMPANY ORGANIZED UNDE CTOR 32, GURGAON 122001, IN		
DATE OF REGISTRATION	GISTRATION 31/08/2015			
TITLE		TYRE TREAD		
PRIORITY NA				

DESIGN NUMBER	277004	
CLASS	07-01	
1)PEARL THERMOPLAST PVT. I THE INDIAN COMPANIES ACT, AT PLOT NO. 22, S. NO.820(1), D	LTD., A COMPANY INCORPORATED UNDER EWAN & SONS UDYOG NAGAR, NE-401401, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	28/10/2015	
TITLE	WATER JUG	
PRIORITY NA		
DESIGN NUMBER	275734	
CLASS	05-05	
MUMBAI-400066 AND CORPORATE BLOCK NO. A-2, KHASRA NO. 659/2	OOR, RAJENDRA NAGAR, BORIVALI (EAST), COFFICE AT PLOT NO.8, CHATTERPUR EXT., P., NEAR TIVOLI GARDEN, NEW DELHI-110074	-
,	, 	T / T T + 1
DATE OF REGISTRATION TITLE	TEXTILE FABRIC	- * - <u>-</u> _, * * *
PRIORITY NA	<u> </u>	
DESIGN NUMBER	275792	
CLASS	05-05	
	O LATE SH. SATISH CHANDER BINDRA, SAL VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	274484		
CLASS	12-16		

1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO.,

OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN

DATE OF REGISTRATION	14/08/2015		
TITLE	REAR BUMPER FOR AN AUTOMOBILE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

02/03/2015



DESIGN NUMBER	276854	
CLASS	09-01	
4\P 1 PE NIPUGED VIG 1\ GOLD 1\ VIV NIGOD POD 1 FED VIVED FIVE 1 AVIG		

AUSTRALIA

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	21/10/2015
TITLE	BOTTLE

PRIORITY

201511129

PRIORITY NUMBER	DATE	COUNTRY
29/525,364	29/04/2015	U.S.A.

DESIGN NUMBER	275745
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

DESIGN NUMBER	271469	
CLASS	08-06	
INDIAN NATIONAL) HAVING AT- 3, MARUTI INDUSTRIAL	CHBHAI MANSARA (ADULT AND PLACE OF BUSINESS L AREA, KOTHARIA RING ROAD, B/H. H. NO. 8B, RAJKOT-360003-GUJARAT-	
DATE OF REGISTRATION	17/04/2015	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	275327	
CLASS	07-03	
	TE LIMITED, A COMPANY INCORPORATED IPAL PLACE OF BUSINESS AT NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	07/09/2015	
TITLE	CHEESE KNIFE	
PRIORITY NA		
DESIGN NUMBER	275396	
CLASS 12-05		
1)ACTION CONSTRUCTION OF DHUDHOLLA LINK ROA HARYANA-121102, INDIA, AN I	D, VILLAGE DHUDHOLLA, PALWAL,	
DATE OF REGISTRATION	07/09/2015	
TITLE	TRACK FRAME OF CRAWLER CRANE	
DDVODVEV NA		
PRIORITY NA		

DESIGN NUMBER	276102
CLASS	07-02

1)MONARAM JORAJI DESAI, INDIVIDUALS, AN INDIAN NATIONALS, PROPRIETOR OF METRO METAL UDHYOG, HAVING ITS OFFICE AT L-548, G.I.D.C., NEAR ODHAV POLICE STATION, ODHAV, AHMEDABAD-

382415, GUJARAT, INDIA.

DATE OF REGISTRATION	28/09/2015
TITLE	CONTAINER (UTENSIL)



PRIORITY NA

CLASS 05-05	DESIGN NUMBER	275770
	CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275141	
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	01/09/2015
TITLE	TEXTILE FABRIC

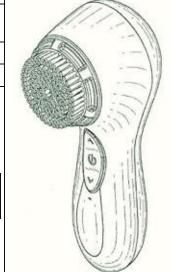


DESIGN NUMBER		275754	
CLASS		05-05	PART AT THE U.S.
1)MR. SIDDHARATH BINDRA, R/O "BINDRA" FARM, F-4, AN NEW DELHI-110030			
DATE OF REGISTRATION	18	8/09/2015	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		275323	
CLASS		07-06	
1)MA DESIGN INDIA PRIVATI INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUSINESS	AT	
DATE OF REGISTRATION	07	7/09/2015	
TITLE	CAK	KE SERVER	
PRIORITY NA			
DESIGN NUMBER	275380		
CLASS 14-03			
1)GIONEE COMMUNICATION COMPANY DULY ORGANIZED PEOPLE'S REPUBLIC OF CHIN. 21/F, TIMES TECHNOLOGY B DISTRICT, SHENZHEN, GUANGE	AND EXISTING UNDE A OF UILDING, 7028 SHENNA	R THE LAWS OF AN ROAD, FUTIAN	0000
DATE OF REGISTRATION	07	07/09/2015	
TITLE	MOBILE PHONE		
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
201530145145.6	15/05/2015	CHINA	
201330143143.0	13/03/2013	CHINA	

	1	
DESIGN NUMBER	276935	
CLASS		
INDIAN PARTNERSHIP ACT), I 604, 6TH FLOOR, VAKRATUN	PARTNERSHIP FIRM REGISTERED UNDER HAVING THEIR REGISTERED OFFICE AT IDA CORPORATE PARK, VISHWESHWAR NA (EAST), MUMBAI-400063, STATE OF DVE ADDRESS	
DATE OF REGISTRATION	26/10/2015	
TITLE	BALL POINT PEN	
PRIORITY NA		
DESIGN NUMBER	272327	•
CLASS	24-01	
1)MERIL LIFE SCIENCES PRI SURVEY NO. 135/139, BILAK VAPI 396191, GUJARAT, INDIA	VATE LIMITED HIA HOUSE, MUKTANAND MARG, CHALA,	
DATE OF REGISTRATION	25/05/2015	
TITLE	SINUS DILATION GUIDE CATHETER	
PRIORITY NA		
DESIGN NUMBER	272901	
CLASS	11-01	
1)GANJAM NAGAPPA & SON 63, PALACE ROAD, VASANT INDIA	PVT LTD H NAGAR, BANGALORE, KANATAKA, 56005	2,
DATE OF REGISTRATION	20/06/2015	
TITLE BANGLE		
PRIORITY NA		

DESIGN NUMBER 247773			
CLASS 04-01			
1)PACIFIC BIOSCIENCE LABORATORIES, INC. AT P.O. BOX 429 REDMOND WA 98073-0429, UNITED STATES OF AMERICA			

10/09/2012 ELECTRIC SKIN BRUSH



PRIORITY

TITLE

DATE OF REGISTRATION

PRIORITY NUMBER	DATE	COUNTRY
US 29/415,512	12/03/2012	U.S.A.

DESIGN NUMBER	274809
CLASS	07-01

1)M/S JOYO PLASTICS A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING ITS REGISTERED OFFICE AT 104, JAY ANTARIKSH, MAKKWANA ROAD, MAROL, CTS 777, ANDHERI KURLA ROAD, ANDHERI (EAST), MUMBAI-400059, MAHARASHTRA STATE, INDIA

DATE OF REGISTRATION	24/08/2015
TITLE	MUG



PRIORITY NA

DESIGN NUMBER	275505
CLASS	09-02

1)VIRBAC ANIMAL HEALTH INDIA PVT. LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956 (INDIAN NATIONAL) AND HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

604, WESTERN EDGE-I, WESTERN EXPRESS HIGHWAY, BORIVALI (E), MUMBAI-400066, MAHARASHTRA, INDIA, (INDIAN NATIONAL)

DATE OF REGISTRATION	10/09/2015
TITLE	CONTAINER





DESIGN NUMBER	275340
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	07/09/2015
TITLE	BOX (FOR JEWELLERY)



PRIORITY NA

DESIGN NUMBER	277003
CLASS	07-01
1) DE A DI TRILEDA (ODI A CTI DITTI I	TO A COMPANY INCORPORATED INDED

1)PEARL THERMOPLAST PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT,

AT PLOT NO. 22, S. NO.820(1), DEWAN & SONS UDYOG NAGAR, CHINTUPADA, PALGHAR(W), THANE-401401, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	28/10/2015
TITLE	WATER JUG



PRIORITY NA

CLASS 07-02	

1)M/S. SHINAG ALLIED ENTERPRISES,

SHED NO. 1, KHATA NO. 14/117/A, SY NO. 215/4, GABBADI VILLAGE, HAROHALLI HOBLI, KANAKAPURA TALUK, RAMNAGARA DISTRICT, BANGALORE-562112, KARNATAKA, INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS MRS. PRAKASHI JAIN

DATE OF REGISTRATION	01/10/2015
TITLE	PRESSURE COOKER
PRIORITY NA	



DESIGN NUMBER	275828
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275882
CLASS	28-03

1)IVORY SOAP WORKS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT 1ST FLOOR K.K. CHAMBERS, SIR P. T. MARG, FORT,

AT 1ST FLOOR K.K. CHAMBERS, SIR P. T. MARG, FORT MUMBAI-400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/09/2015
TITLE	SOAP



PRIORITY NA

DESIGN NUMBER	275322
CLASS	07-01

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	07/09/2015
TITLE	CAKE STAND



DESIGN NUMBER		275379	
CLASS	13-02		
1)GIONEE COMMUNICATION I COMPANY DULY ORGANIZED A PEOPLE'S REPUBLIC OF CHINA 21/F, TIMES TECHNOLOGY BU DISTRICT, SHENZHEN, GUANGOO	ND EXISTING UNDER OF ILDING, 7028 SHENNA	R THE LAWS OF AN ROAD, FUTIAN	
DATE OF REGISTRATION	07	7/09/2015	
TITLE	Cl	HARGER	
PRIORITY		_	
PRIORITY NUMBER	DATE	COUNTRY	
201530090034.X	08/04/2015	CHINA	
DESIGN NUMBER		275764	
CLASS		05-05	
1)MR. SIDDHARATH BINDRA, S R/O "BINDRA" FARM, F-4, ANS NEW DELHI-110030			
DATE OF REGISTRATION	18	3/09/2015	
TITLE	TEXT	TLE FABRIC	
PRIORITY NA			
DESIGN NUMBER		275811	
CLASS		05-05	2000000 200000000000000000000000000000
1)MR. SIDDHARATH BINDRA, S R/O "BINDRA" • FARM, F-4, A NEW DELHI-110030			0.000000
DATE OF REGISTRATION	18	3/09/2015	
TITLE	TEXTILE FABRIC		
PRIORITY NA			20000000000000000000000000000000000000

DESIGN NUMBER	275847
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION		18/09/2015	
	TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	275179	
CLASS 12-11		
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN		
DATE OF REGISTRATION 03/09/2015		
TITLE	MOTORCYCLE	



PRIORITY

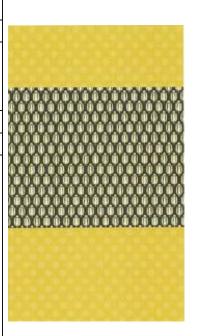
PRIORITY NUMBER	DATE	COUNTRY
2015-004789	05/03/2015	JAPAN

DESIGN NUMBER	275374
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-20, CENTRAL PARK, GIDC, PA	INDESAKA, SUKAT-394221 GUJAKAT
DATE OF DECISTRATION	07/00/2015

DATE OF REGISTRATION	07/09/2015
TITLE	TEXTILE FABRIC



275759	
05-05	
1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI,	

NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

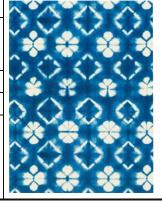


PRIORITY NA

DESIGN NUMBER	275807
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

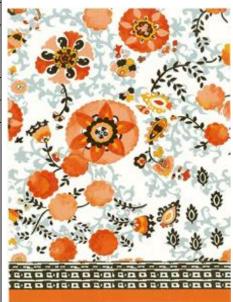


PRIORITY NA

DESIGN NUMBER	275843
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	271642	
CLASS	03-01	
IMRAN ABDULKADAR HUNANI, ASIF HUNANI, TABASSUM SUNEI	& COMPANY ADVOCATE, PATENT AND YENUE, 19, SWASTIK SOCIETY	
DATE OF REGISTRATION	22/04/2015	
TITLE	EYEWEAR CASE	
PRIORITY NA		
DESIGN NUMBER	275362	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	07/09/2015	
TITLE	SALT & PEPPER SHAKER SET	
PRIORITY NA		
DESIGN NUMBER	275742	
CLASS	05-05	
COMPANY INCORPORATED UNI ACT, 1956, AND HAVING IT'S REC HOUSE NO. 16/103, GROUND FL MUMBAI-400066 AND CORPORATE	MITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT OOR, RAJENDRA NAGAR, BORIVALI (EAST), E OFFICE AT PLOT NO.8, CHATTERPUR EXT., 2, NEAR TIVOLI GARDEN, NEW DELHI-110074	
DATE OF REGISTRATION	18/09/2015	XXXXXXXXXXXXXXX
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	275094	
CLASS	12-15	
OF INDIA,	COMPANY ORGANIZED UNDER THE LAWS SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	31/08/2015	
TITLE	TYRE TREAD	
PRIORITY NA		
DESIGN NUMBER	275348	
CLASS	06-07	and the second
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	07/09/2015	
TITLE	MIRROR FRAME	
PRIORITY NA		
DESIGN NUMBER	275738	
CLASS	05-05	000000000000000000000000000000000000000
COMPANY INCORPORATED UN ACT, 1956, AND HAVING IT'S RE HOUSE NO. 16/103, GROUND F MUMBAI-400066 AND CORPORAT BLOCK NO. A-2, KHASRA NO. 659	LOOR, RAJENDRA NAGAR, BORIVALI (EAST), TE OFFICE AT PLOT NO.8, CHATTERPUR EXT., 1/2, NEAR TIVOLI GARDEN, NEW DELHI-110074	
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	275795
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



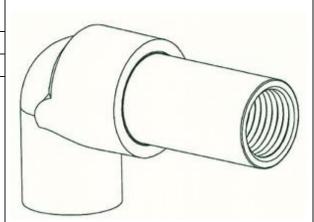
PRIORITY NA

	SIGN NUMBER
CLASS 23-01	ASS

1)ASHIRVAD PIPES PVT. LTD

4B, ATTIBELE INDUSTRIAL AREA, HOSUR ROAD, BANGALORE 562107. INDIA

DATE OF REGISTRATION	21/09/2015
TITLE	ELBOW FITTING



PRIORITY NA

DESIGN NUMBER	275320
CLASS	07-06

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	07/09/2015
TITLE	STAND (FOR CAKES, PASTERIES)



DESIGN NUMBER 275377		
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 07/09/2015		

TEXTILE FABRIC



PRIORITY NA

TITLE

DESIGN NUMBER	275810
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275846
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



	T		1	
DESIGN NUMBER	2	274782		
CLASS	06-03		(S.Fgreens	
1)POLYSET PLASTICS PVT. LTI THE INDIAN COMPANIES ACT, 19 WHOSE ADDRESS IS 901-906, 97 MUMBAI-63, MAHARASHTRA, IND	956, TH FLOOR, I. B. PATEI			
DATE OF REGISTRATION	24	/08/2015		
TITLE	(CHAIR		
PRIORITY NA	PRIORITY NA			
DESIGN NUMBER	2	266644		
CLASS		10-04		
1)RENISHAW PLC., A BRITISH COMPANY OF NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE, GL12 8JR, UNITED KINGDOM				
DATE OF REGISTRATION	10	/10/2014		
TITLE	MEASURING INSTRUMENT		C	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002445510-0004	11/04/2014	OHIM		
DESIGN NUMBER	2	275333		
CLASS	07-06			
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS	AT		
DATE OF REGISTRATION	07/09/2015			
TITLE	COASTER			
PRIORITY NA				

DESIGN NUMBER	275859
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275326
CLASS	07-01

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	07/09/2015
TITLE	CHEESEBOARD
PRIORITY NA	

DESIGN NUMBER	275393	
CLASS	12-05	
1)ACTION CONSTRUCTION EQUIPMENT LTD.,		

OF DHUDHOLLA LINK ROAD, VILLAGE DHUDHOLLA, PALWAL, HARYANA-121102, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	07/09/2015
TITLE	RIGHT COVER OF CRAWLER CRANE





DESIGN NUMBER	275814
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

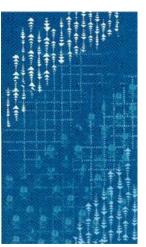


PRIORITY NA

DESIGN NUMBER	275850
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O ''BINDRA'' FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	264128
CLASS	14-03

1)A. M. RISHIKESH, INDIAN,

24, SECOND FLOOR, VEDANTHAM COLONY, 2ND STREET, SANATORIUM, CHENNAI-47

DATE OF REGISTRATION	18/07/2014
TITLE	REMOTE CONTROL



DESIGN NUMBER	266641
CLASS	10-04

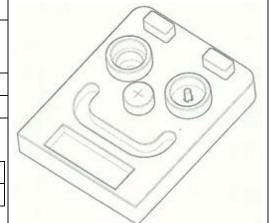
1) RENISHAW PLC., A BRITISH COMPANY

OF NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE, GL12 8JR, UNITED KINGDOM

DATE OF REGISTRATION	10/10/2014
TITLE	MEASURING INSTRUMENT



PRIORITY NUMBER	DATE	COUNTRY
002445510-0001	11/04/2014	OHIM



DESIGN NUMBER	275330
CLASS	07-08

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	07/09/2015
TITLE	TONGS



PRIORITY NA

DESIGN NUMBER	275409
CLASS	02-04

1)SAVLA MARKETING,

C-WING, 203, NEELKANTH BUSINESS PARK, NEXT TO VIDYAVIHAR STATION, VIDYAVIHAR (W), MUMBAI-400086 STATE OF MAHARASHTRA, (INDIA), AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS: (1) KINJAL RAMESH SAVLA, INDIAN NATIONALS, OF ABOVE ADDRESS

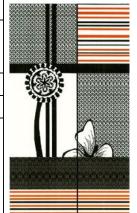
DATE OF REGISTRATION	08/09/2015
TITLE	SHOE
PRIORITY NA	



DESIGN NUMBER	275774
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275371
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	07/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

		WANTED AND DAY OF A STORE OF A ST
DESIGN NUMBER 269677		
CLASS 25-01		
1)RATHI BARS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, NATIONALITY:- INDIAN COMPANY, ADDRESS: A-24/7, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, NEW DELHI-110044		The second secon
DATE OF REGISTRATION 19/02/2015		
TITLE IRON BAR		

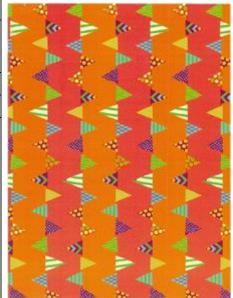
CLASS 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 275804 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC	DESIGN NUMBER	275756	
R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION TITLE TEXTILE FABRIC	CLASS	05-05	28 28 28 28 28
PRIORITY NA DESIGN NUMBER CLASS 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, OCCUPANTION OF THE PROPERTY OF TH	R/O "BINDRA" FARM, F-4, AN		
PRIORITY NA DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, OLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	DATE OF REGISTRATION	18/09/2015	خالى وران جدة برناجه الله بنيان بعدة باليان خلالي وران
DESIGN NUMBER CLASS 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	TITLE	TEXTILE FABRIC	
CLASS 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	PRIORITY NA		
1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION 18/09/2015 TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	DESIGN NUMBER	275804	
R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030 DATE OF REGISTRATION TITLE TEXTILE FABRIC DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	CLASS	05-05	LAND IN
TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 275840 CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	R/O "BINDRA" FARM, F-4, AN		
PRIORITY NA DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	DATE OF REGISTRATION 18/09/2015		I LANGE TO THE
DESIGN NUMBER CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	TITLE TEXTILE FABRIC		
CLASS 05-05 1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	PRIORITY NA		
1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA,	DESIGN NUMBER	275840	
	CLASS	05-05	44444
NEW DELHI-110030	R/O "BINDRA" FARM, F-4, AN		

18/09/2015 TEXTILE FABRIC

PRI	\mathbf{OD}	TV	NA	

TITLE

DATE OF REGISTRATION

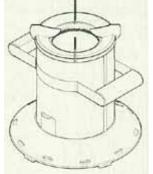


DESIGN NUMBER	205620
CLASS	07-02

1)KONINKLIJKE PHILIPS ELECTRONICS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM

OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

DATE OF REGISTRATION	11/08/2006
TITLE	STOVE



PRIORITY NA

DESIGN NUMBER 275752	
CLASS 05-05	

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	272897
CLASS	11-01

1)GANJAM NAGAPPA & SON PVT LTD

63, PALACE ROAD, VASANTH NAGAR, BANGALORE, KARNATAKA, 560052, INDIA

DATE OF REGISTRATION	20/06/2015
TITLE	EARRING



]	DESIGN NUMBER	247771
(CLASS	04-99

1)PACIFIC BIOSCIENCE LABORATORIES, INC.

AT P.O. BOX 429 REDMOND WA 98073-0429, UNITED STATES OF **AMERICA**

DATE OF REGISTRATION	10/09/2012
TITLE	A STAND FOR AN ELECTRIC SKIN BRUSH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
US 29/415,444	09/03/2012	U.S.A.

	10/09/	2012	
STAND FOR AN ELECTRIC SKIN BRUSH		1	
	DATE	COUNTRY	/
	09/03/2012	U.S.A.	/

DESIGN NUMBER	274801
CLASS	14-02

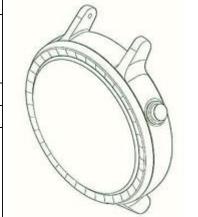
1)MOTOROLA MOBILITY LLC,

222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE

DATE OF REGISTRATION	24/08/2015
TITLE	ELECTRONIC DEVICE

PRIORITY

П	- MOMIT		
	PRIORITY NUMBER	DATE	COUNTRY
	29/518,720	26/02/2015	U.S.A.



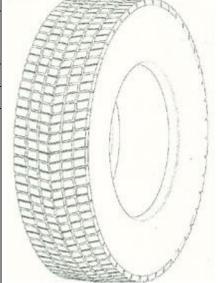
DESIGN NUMBER	275335
CLASS	06-07

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	07/09/2015	
TITLE	PHOTO FRAME	

DESIGN NUMBER	277001	
CLASS	07-01	WALL AND
THE INDIAN COMPANIES ACT, AT PLOT NO. 22, S. NO.820(1), D	LTD., A COMPANY INCORPORATED UNDER EWAN & SONS UDYOG NAGAR, NE-401401, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	28/10/2015	
TITLE	WATER JUG	
PRIORITY NA		
DESIGN NUMBER	275781	
CLASS	05-05	
	O LATE SH. SATISH CHANDER BINDRA, AL VILLA, NEAR CSKM SCHOOL, SATBARI,	8 2 3 4
DATE OF REGISTRATION	18/09/2015	
TITLE TEXTILE FABRIC		
PRIORITY NA		The second secon
DESIGN NUMBER	275092	
CLASS	12-15	
OF INDIA,	COMPANY ORGANIZED UNDER THE LAWS CCTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	31/08/2015	
TITLE	TYRE TREAD	
		resident to the standard of th



DESIGN NUMBER	275342
CLASS	07-99
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	07/09/2015	
TITLE	TRAY	



PRIORITY NA

DESIGN NUMBER	277008	
CLASS	07-07	

1)M/S. BHARAT COTTAGE INDUSTRIES, PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, 1932, HAVING ITS REGISTERED OFFICE AT

VAKIL INDUSTRIAL ESTATE, 1ST FLOOR, WALBHAT ROAD, GOREGAON (EAST), MUMBAI 400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	28/10/2015
TITLE	BASKET
PRIORITY NA	



DESIGN NUMBER	275735
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	275961
CLASS	02-04

1)PANKAJ GARG AN INDIAN NATIONAL WHOSE ADDRESS IS 3928 D/18, KANHAIYA NAGAR, TRI NAGAR, DELHI-110035 (INDIA)

DATE OF REGISTRATION	23/09/2015	
TITLE	FOOTWEAR	



PRIORITY NA

DESIGN NUMBER	275755
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275316
CLASS	07-99

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	07/09/2015
TITLE	TRAY



DESIGN NUMBER	275375	
CLASS	05-05	
UNDER THE PROVISION OF COMPAREGISTERED OFFICE AT	NTS PVT. LTD. A COMPANY REGISTERED ANIES ACT, 1956 HAVING ITS DESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	07/09/2015	888888888888
TITLE	TEXTILE FABRIC]
PRIORITY NA		XXXXXXXXXXXXXXXX
DESIGN NUMBER	275761	
CLASS	05-05	
· · ·	LATE SH. SATISH CHANDER BINDRA, VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	275808	
CLASS	05-05	
	LATE SH. SATISH CHANDER BINDRA, VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		275125	
CLASS		05-05	
UNDER THE PROVISION OREGISTERED OFFICE AT	OF COMPANIES A	r. LTD. A COMPANY REG CT, 1956 HAVING ITS A, SURAT-394221 GUJARAT	
DATE OF REGISTRATION		01/09/2015	
TITLE		TEXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		275602	
CLASS		16-05	
1)SAMSUNG ELECTRON OF 129, SAMSUNG-RO, ' REPUBLIC OF KOREA		KOREAN COMPANY, SUWON-SI, GYEONGGI-DO	0, 443-742
DATE OF REGISTRATION	ſ	14/09/2015	
TITLE		COVER FOR CAMERA	
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0026360	26/05/2015	KOREA(SOUTH)	
DESIGN NUMBER		276857	
CLASS		14-03	
THE LAWS OF REPUBLIC	OF KOREA HAVI	XISTING AND ORGANIZEI NG ITS REGISTERD OFFI J, SEOUL, 150-721, KOREA	
DATE OF REGISTRATION		21/10/2015	
TITLE		MOBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2015-0020786	DATE 23/04/2015	COUNTRY REPUBLIC OF KOREA	

DESIGN NUMBER	275753	
CLASS	05-05	Signal Control of Marie Control
	SAL VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	\$200000 CY 000
TITLE	TEXTILE FABRIC	88888888888
PRIORITY NA		
DESIGN NUMBER	275801	
CLASS	05-05	5. AN M. 5
	SAL VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	275837	·
CLASS	05-05	4111111/ MANAGARA
	S/O LATE SH. SATISH CHANDER BINDRA, NSAL VILLA, NEAR CSKM SCHOOL,	FOR ROSERVES
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	1282 282 282 2
PRIORITY NA		

DESIGN NUMBER	275325
CLASS	07-01

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	07/09/2015
TITLE	PITCHER



PRIORITY NA

DESIGN NUMBER	275813
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC

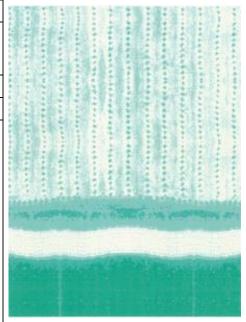


PRIORITY NA

DESIGN NUMBER	275849		
CLASS	05-05		
1)MR. SIDDHARATH BINDRA, S/O LATE SH, SATISH CHANDER BINDRA.			

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER		264183	
CLASS	09-01		
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	21	/07/2014	
TITLE	В	OTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/480241	24/01/2014	U.S.A.	
DESIGN NUMBER		266642	
CLASS		10-04	B D
1)RENISHAW PLC., A BRITISH COMPANY OF NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE, GL12 8JR, UNITED KINGDOM			
DATE OF REGISTRATION	10/10/2014		
TITLE	MEASURING INSTRUMENT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	F
002445510-0002	11/04/2014	ОНІМ	6
DESIGN NUMBER		274770	
CLASS	09-07		
1)MEHUL SURESH KAMDAR IN 114 WHITE HOUSE 2ND FLOOR, MUMBAI:-400027			
DATE OF REGISTRATION	24/08/2015		
TITLE	CAP FOR BOTTLE		
PRIORITY NA			

DESIGN NUMBER	275331	
CLASS	07-03	
1)MA DESIGN INDIA PRIVATE LII INDIA HAVING ITS PRINCIPAL PLA A-41, SECTOR-80, PHASE-II, NOID		
DATE OF REGISTRATION	07/09/2015	
TITLE	SPOON	
PRIORITY NA		
DESIGN NUMBER	275418	
CLASS	10-04	
	ND EXISTING UNDER THE LAWS OF 44, 8606 GREIFENSEE, SWITZERLAND	
DATE OF REGISTRATION	08/09/2015	
TITLE	MOISTURE ANALYZER	
PRIORITY NA		
DESIGN NUMBER	275776	
CLASS	05-05	6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7
	LATE SH. SATISH CHANDER BINDRA, L VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	2 🐽 🦸
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	275856
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	275705
CLASS	18-02

1)KYOCERA DOCUMENT SOLUTIONS INC., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF THE ADDRESS

1-2-28, TAMATSUKURI, CHUO-KU, OSAKA-SHI, OSAKA, 540-8585, JAPAN

REGISTRATION	
TITLE TONER CARTRIDO	iΈ



PRIORITY NUMBER	DATE	COUNTRY
2015-007094	31/03/2015	JAPAN

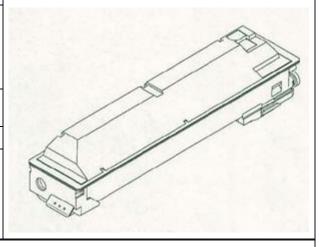
DESIGN NUMBER	275329
CLASS	07-01
1) I A DEGLES IN THE LANGE A COMPANY	

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	07/09/2015
TITLE	BOWL







DESIGN NUMBER	275399	
CLASS	12-05	
1)ACTION CONSTRUCTION EQ OF DHUDHOLLA LINK ROAD, 121102, INDIA, AN INDIAN COMPA	VILLAGE DHUDHOLLA, PALWAL, HARYANA-	
DATE OF REGISTRATION	07/09/2015	
TITLE	POLE BRACKET OF CRAWLER CRANE	
PRIORITY NA		
DESIGN NUMBER	275772	
CLASS	05-05	78.h
	S/O LATE SH. SATISH CHANDER BINDRA, SAL VILLA, NEAR CSKM SCHOOL, SATBARI,	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	275816	
CLASS	05-05	- Service
	S/O LATE SH. SATISH CHANDER BINDRA, SAL VILLA, NEAR CSKM SCHOOL, SATBARI,	
DATE OF REGISTRATION	18/09/2015	8 6 1 2 V
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	275853
CLASS	05-05

1)BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING IT'S REGISTERED OFFICE AT

HOUSE NO. 16/103, GROUND FLOOR, RAJENDRA NAGAR, BORIVALI (EAST), MUMBAI-400066 AND CORPORATE OFFICE AT PLOT NO.8, CHATTERPUR EXT., BLOCK NO. A-2, KHASRA NO. 659/2, NEAR TIVOLI GARDEN, NEW DELHI-110074

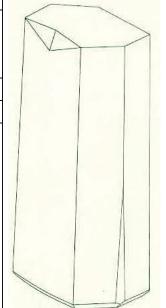
DATE OF REGISTRATION	18/09/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	264184
CLASS	09-01
UNDER COMPANY NO. 41424 OF	REGISTERED IN ENGLAND AND WALES IA EMBANKMENT, LONDON, EC4Y 0DY,
DATE OF REGISTRATION	21/07/2014

DATE OF REGISTRATION	21/07/2014
TITLE	BOTTLE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/480245	24/01/2014	U.S.A.

DESIGN NUMBER	274771
CLASS	09-01

1)MEHUL SURESH KAMDAR INDIAN NATIONALS WHOSE ADDRESS IS 114 WHITE HOUSE 2ND FLOOR, 17 T.B. KADAM MARG CHINCHPOKLI (E) MUMBAI:-400027

DATE OF REGISTRATION	24/08/2015
TITLE	OIL CONTAINER



DESIGN NUMBER	266643
CLASS	10-04
1)RENISHAW PLC., A BRITISH COMPANY OF NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE, GL12 8JR, UNITED KINGDOM	
	40/40/4044



DATE OF REGISTRATION	10/10/2014
TITLE	MEASURING INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002445510-0003	11/04/2014	OHIM

DESIGN NUMBER	275332	
CLASS	09-07	
1) II A DEGLOV INDIA DRIVATE I DATED A COMPANY DICORDORATED IN		



A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	07/09/2015	
TITLE	WINE STOPPER	



PRIORITY NA

DESIGN NUMBER	275777
CLASS	05-05

1)MR. SIDDHARATH BINDRA, S/O LATE SH. SATISH CHANDER BINDRA, R/O "BINDRA" FARM, F-4, ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110030

DATE OF REGISTRATION	18/09/2015	
TITLE	TEXTILE FABRIC	

