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DATE: 09/05/2014

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

9TH MAY, 2014

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THE PATENT OFFICE KOLKATA, 09/05/2014

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

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

SPECIAL NOTICE

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.1444/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: SUB SOIL DRIBBLERS FOR GRAVITY FLOW IRRIGATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filed on (62) Divisional to Application Number	A01G 13/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KAMAL KUMAR GUPTA Address of Applicant: L-001, INDRAPRASTHA TOWER, DRIVE-IN-ROAD, AHMEDABAD 380052, GUJARAT, INDIA. (72)Name of Inventor: 1)KAMAL KUMAR GUPTA
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(57) Abstract:

The invention being presented here is for SUB SOIL DRIBBLERS which are manufactured from permeable materials duly pulverised and mixed, dried and kept in a plastic container for irrigation purposes. The composition of these blocks is determined in such a way that water can be fed to the plant under the soil, in a controlled and self regulated way and using gravity flow system. The water gets transmitted from the container- to the plant by these SSDs, which allow the collected water to seep though and trickle under the soil towards the plant. The SSDs work in Tandem with the auto regulated containers mounted on top of the SSDs. These containers gets automatically filled to a desired level by the help of float type level actuated valves. The water so collected in these containers of 1 ltr capacity is allowed to trickle towards the plant over a period of time, which can vary as per the plant needs.

No. of Pages: 15 No. of Claims: 2

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

(43) Publication Date: 09/05/2014

(54) Title of the invention: THE ONLINE COMPREHENSIVE SYSTEM FOR MONITORING, CONTROLLING, METERING AND PROTECTION OF DOMESTIC/DISTRIBUTED GENERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01D4/00, G06F17/30 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Makarand Sudhakar Address of Applicant: Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur. Maharashtra India 2)Hiralal Murlidhar Suryawanshi 3)Ravindra Madhukar Moharil 4)Vanaparthy Shashanka 5)Kishor Vinayak Bhadane (72)Name of Inventor: 1)Makarand Sudhakar 2)Hiralal Murlidhar Suryawanshi 3)Ravindra Madhukar Moharil 4)Vanaparthy Shashanka 5)Kishor Vinayak Bhadane
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(57) Abstract:

The performance of wind power generation where it is aimed to obtain efficient and economic energy production, when connected to power network is discussed. As the wind speed is not always constant, the fluctuations in it reflect the output power, but the voltage and frequency should be kept as stable as possible. This is possible by using PLL which allows the system to be in synchronization. The optimized power at the required voltage and frequency using an inverter is fed to the load and as the demand is satisfied it delivers the excess power to the grid. The parameters like voltage, delta, power factor comes across this are discussed briefly. Here an algorithm is developed in such a way that it can control the entire system, so that the power can be used in an efficient and economic manner. The circuit breakers are automatically operated according to the change in the availability of power from DG like wind speed by the control circuit. This improves the performance of wind power generation when connected to the utility grid. The process of monitoring, metering, controlling and protection is discussed in a well manner and the cases of paying, saving, earning are explained by using figures. For the same a model is developed and simulated in MATLAB and the results are analyzed. Proposed invention is described in detail with the help of Figure 1 of sheet 1 shows the cases of paying, saving and earning and Figure 2 of sheet 2 shows Single line diagram of the proposed wind energy system connected to utility grid.

No. of Pages: 20 No. of Claims: 4

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: LIGHT WEIGHT GREENHOUSE

(51) International classification	:A01G9/16, A01G 9/00	(71)Name of Applicant: 1)MAHINDRA & MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :Gateway Building, Apollo Bunder,
(32) Priority Date	:NA	Mumbai 400001, Maharashtra, India.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MODAK, Subhash Gajanan
Filing Date	:NA	2)SHARMA, Ashok Hiralal
(87) International Publication No	: NA	3)NAYAK, Ramesh Narayan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 + +		·

(57) Abstract:

A cost effective one way naturally ventilated lightweight greenhouse with enhanced structural stability to withstand forces due to high wind flows is disclosed herein. The greenhouse of the present invention is more effective than heavy duty structures which are presently in use. The greenhouse structural configuration provides multi-bays having one-way ventilators formed by the opening between the lower roof and the upper roof of reduced slope with angles in the range of 100 to 250 and / or reduced ridge-height applied to selective, or specifically only to the outer side bay(s), compared to inner bay(s) that have normal / conventional slope angles and / or normal ridge height.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: WATER AND ENERGY EFFICIENT DESERT COOLER WITH MOSQUITO NET

(51) Intermedianal alassification :F2	4F (71)Name of Applicant:
(51) International classification 5/0	1)Dr. Bhimrao Sitaram Umre
(31) Priority Document No :NA	Address of Applicant :Department of Electrical Engineering,
(32) Priority Date :NA	Visvesvaraya National Institute of Technology, Nagpur
(33) Name of priority country :NA	Maharashtra India
(86) International Application No :NA	2)Dr. Vijay Bhanuji Borghate
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : N.	1)Dr. Bhimrao Sitaram Umre
(61) Patent of Addition to Application Number :NA	2)Dr. Vijay Bhanuji Borghate
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

Evaporative air conditioning is popular and well suited to desert and desert -like regions where the air is hot, humidity is low but as there is water flow and wet surface, sometimes a man gets electric shock, which may result into fetal accident. In addition, water is stored for the longer time in cooler which increases the chances of mosquito breeding that help in transmitting the diseases like dengue, malaria etc. Keeping these points in a view present invention provide a highly efficient air cooler that gives protection against electrical shock, saving electrical energy, saving water, preventing the breeding of mosquitoes and reducing the chances of transmission of diseases. According to present invention, mosquito net is installed at the base tank of cooler to prevent the breeding of mosquitoes. Following invention is described in detail with the help of figure 1 of sheet 1 showing signal processor, Figure 2 of sheet 1 shows diagram of electric shock preventer, Figure 3 of sheet 2 shows timer connection diagram, Figure 4 of sheet 2 shows timer circuit, Figure 5 of sheet 3 shows top view of base tank, Figure 6 of sheet 3 shows side view of base tank and Figure 7 of sheet 4 shows top view of base tank fitted with mosquito net.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DEVICE TO RESTRICT THE UNWANTED REVERSE MOTION OF VEHICLES

	:B60K	(71)Name of Applicant :
(51) International classification	17/28,	1)Prof. Mangesh Sahebrao Kotambkar
	B60T7/12	Address of Applicant :Asstt. Professor, Department of
(31) Priority Document No	:NA	Mechanical Engineering Visvesvaraya National Institute of
(32) Priority Date	:NA	Technology Nagpur -11 Maharashtra India
(33) Name of priority country	:NA	2)Mr. Ajinkya Sanjay Khade
(86) International Application No	:NA	3)Mr. Yash Vijay Borghate
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Prof. Mangesh Sahebrao Kotambkar
(61) Patent of Addition to Application Number	:NA	2)Mr. Ajinkya Sanjay Khade
Filing Date	:NA	3)Mr. Yash Vijay Borghate
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides specially a method and mechanism to restrict the unwanted reverse motion of a vehicle. Also provide a device to assist the driver in hill start situations and prevent accidents. To restrict the motion of the vehicle, the motion of driving wheels needs to be restricted. This is achieved by restricting the motion of the drive shaft. A ratchet mechanism has been used for the purpose that allows continuous linear or rotary motion only in one direction while preventing motion in the opposite direction. Centrifugal governor is used for actuation of a mechanism. The spring used for the mechanism is a Coil spring of Compression type. Parallel Key Splines have been used on the splined shaft in the mechanism. Thus the present invention restricted the reverse motion of vehicle. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the representative sketch of the mechanismand Figure 2 of sheet 2 shows the Site for installation of the mechanism.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : AUTOMATIC GRINDING AND POLISHING SYSTEM FOR CRYSTAL BLANKS AND AUXILIARY MECHANISM 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 	:B24B9/16 :2011101887841 :06/07/2011 :China :PCT/CN2012/074703 :26/04/2012 :WO 2013/004102 :NA :NA :NA	(71)Name of Applicant: 1)ZHEJIANG MINGYUAN JEWELRY CO. LTD Address of Applicant: A 23 Dongyuan Industrial Park Jiangdong Street Yiwu Zhejiang 322000 China (72)Name of Inventor: 1)YU Weidong
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(57) Abstract:

The present invention relates to an automatic grinding and polishing system for crystal blanks comprising: a first rotating frame wherein a grinding station and a polishing station are provided surrounding the first rotating frame and the first rotating frame can be rotated and positioned and is provided with at least two drive heads; a material loading station; a material unloading station; and at least one transfer mechanism capable of picking up and laying down a clamp and capable of transferring the clamp between the loading station the unloading station and the drive heads on the first rotating frame; wherein a grinding mechanism is provided on the grinding station and a polishing mechanism is provided on the polishing station. Further disclosed is an auxiliary mechanism used by the system. This technical solution can not only realize completely automatic grinding and polishing on a hemispherical bevel of crystal blanks ensuring the quality of the grinding and polishing but can also make full use of the advantages of existing types of machine simplifying the complexities of mechanism actions while production and maintenance are easy.

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

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : PARALLEL AND SCALABLE MULTIPLE LINEAR REGRESSION ALGORITHM ON HETEROGENEOUS PLATFORM

(51) International classification	:G06F 19/28, G06F 19/00	(71)Name of Applicant: 1)PROF. VALMIK B NIKAM Address of Applicant: RECTOR RESIDENCE, VJTI BOYS HOSTEL, VJTI CAMPUS, H.R. MAHAJANI ROAD,
(31) Priority Document No	:NA	MATUNGA(EAST), MUMBAI-400 019, MAHARASHTRA
(32) Priority Date	:NA	STATE.
(33) Name of priority country	:NA	2)DR. B.B. MESHRAM
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. VALMIK B NIKAM
(87) International Publication No	: NA	2)DR. B.B. MESHRAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Data mining algorithms are widely accepted for the intelligent analysis of large data volumes. The involvement of very large data makes the performance bottleneck for the systems. Data mining at the scalable platform address the issue of performance bottleneck. Developing scalable algorithms for horizontal and vertically scaled infrastructure is the big challenge. The parallelization of the data mining algorithms scalability feature is the ultimate solution to address the performance bottleneck caused due to very large datasets computations. In the context with data mining algorithm scalability, we have taken up the sequential multiple linear regression algorithm for design. We have proposed design and architecture for parallel multiple linear regression algorithm. We have obtained satisfactory results on performance and scale up. We have experimented and tested our algorithm in parallel environment and found that our parallel multiple regression algorithm outperforms for the very large datasets. Our algorithm is tasted on factitious weather data, taken from Indian Metrological Department, Pune, and very large synthetic data set, up to 20 million record sets. As data mining algorithms are data intensive and are well suited for implementing the SPMD parallel design pattern, we have used OpenCL framework and multi-core GPU device. We have used Transpose kernel, Multiply kernel, and Inverse kernel, to perform time killing operations in parallel to improve the algorithmic performance. The kernels spawn to multiple work-items with multiple data, causes to parallel computation of the partial and independent module. In our parallel multiple linear regression algorithm, we used multiple coefficients to compute in parallel on multi-core architecture. Kernels spawn the computation on multiple OpenCL work-items to perform independent computations. The partial computations are communicated to accumulate the partial results. We have used synchronization for tuning the partial results. At the output, we get the predicted result. On experiments, we found that, our parallel multiple linear regression algorithm outperformed over sequential linear regression algorithm. With the results, we prove that we obtained recognizable scalability, performance along with intact prediction accuracy for the range of the datasets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1508/MUM/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: LEARNING METHODOLOGY OF ENGLISH VOCABULARY WITH HELP OF START CO-ORDINATES, DISTINCT SOUND CO-ORDINATES & END RULES/CO-ORDINATES REPRESENTING THROUGH SPECIAL CHARACTER AND RULES.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G09B19/08, G09B19/06 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RAHUL PARASHAR Address of Applicant: S-690, NEHRU NAGAR, NEAR KARUNADHAAM ASHRAM, BHOPAL PIN-462003 Madhya Pradesh India (72)Name of Inventor: 1)RAHUL PARASHAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Learning methodology of English Vocabulary with help of Start co ordinate (1), Distinct sound co-ordinates (2) & End Rules/co ordinates (3) representing through Special Character. Invented methodology creates a link and establishes a relationship between the words and their meanings by measure the sound of co-ordinates of the words. In the process, the start co-ordinates of the words are replaced by the Imaginary characters as per the Start co-ordinate Annexure Similarly, Distinct sound co-ordinates of the words are replaced as per the Distinct co-ordinate Annexure and the words with the similar End Rules/Co-ordinates are replaced by the End Rule as per the End rule Annexure In short vocabmetry is a process which deals with the co-ordinates of the word and their rules, In which the story is drafted or formed with the help of both co-ordinate and rules since alter the application of the process as per their concerned Annexure, the co-ordinates and rules are transformed or changed into some imaginary characters and help to form the story in such a way, so that one can retain the word and its meaning in the memory for long time.

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: AN ABRASIVE WIRE SAW BEAD AND APPARATUS FOR MANUFACTURING THE SAME

(51) International classification	:B28D1/12, B23D61/18	(71)Name of Applicant : 1)Dobariya Rajesh Manubhai
(31) Priority Document No	:NA	Address of Applicant : Village: Gigasan, Nishalpara, Taluka:
(32) Priority Date	:NA	Dhari, District: Amreli, Pincode: 365640 Gujarat, India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Dobariya Rajesh Manubhai
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An abrasive wire saw bead and apparatus for manufacturing the same The present invention discloses a wire saw bead and method of manufacturing the same wherein the bead comprises a firmly anchored diamond grits (1) to provide efficient cutting edge. Particularly the present invention discloses a wire saw bead manufactured by pressured rolling. The present invention also discloses apparatus consists of a fixed rotatable copper shaft (11), a horizontally movable rotatable copper shaft (12), a pair of pressure rolls rotatable by means of adjacent shaft (14), a diamonds grits flow unit (19) and a resistant heating unit (17). Said wire saw beads give efficient cutting edge, high wear resistance, higher cutting speed, long life and requires less energy and manpower.

No. of Pages: 27 No. of Claims: 5

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: A METHOD OF RECOVERING POLYESTER FROM THE WASTE POLYESTER.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C08J11/16, C08J11/04 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. VAVIYA LATHA GELA Address of Applicant: NEAR AMBAJI ANNAPURNA BHAVAN, FATEHGADH, TALUKA: RAPUR, DIST.: KUTCH (BHUJ), -370 155. Gujarat India (72)Name of Inventor:
Filing Date	:NA	1)MR. VAVIYA LATHA GELA
(87) 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 describes the method of recovering polyester from various pre and post consumer use polyester waste, wherein deployment of some organic solvents has surprisingly resulted in a fraction of a minute to dislodge the contaminants and furnish the clean film. An effective removal of surface contaminants having disparate chemical constitution like ink; color and grease is observed. The films chemical constitution and structure is rather unexpectedly found to be retained allowing for its recycling.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :06/02/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR ELECTRONIC PAYMENT TRANSACTION

(51) International classification(31) Priority Document No(32) Priority Date	G06Q20/12 :NA :NA	(71)Name of Applicant: 1)SPIRITUS PAYMENTS PRIVATE LIMITED Address of Applicant: 202/REGAL APARTMENT, S V Road, Santacruz (West), Mumbai 400054, Maharashtra, India.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)RAMACHANDRA BABU HANUMANTHAPPA
(87) 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:

Embodiments of the disclosure relate to system and method for electronic payment transaction. In an embodiment, the present disclosure relates to a method where payment transaction is initiated and transaction information is generated by a computing device. The transaction information is communicated using a communication device to the central server. The central server shall decrypt the transaction information and transmit the transaction information to the concerned issuing server for authentication and payment acceptance. The transaction acceptance information is transmitted back to the communication device by the issuing bank through the central server.

No. of Pages: 29 No. of Claims: 25

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : OPTIMIZED DISPERSION COMPENSATING FIBER BASED ON LP01 MODE FOR WDM OPTICAL TRANSMISSION SYSTEM

(51) International classification(31) Priority Document No	:G02B6/036 :NA	(71)Name of Applicant: 1)ADITYA GOEL
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. 4, G-1 SECTOR,
(33) Name of priority country	:NA	GULMOHAR COLONY, E-8, BHOPAL - 462039 MADHYA
(86) International Application No	:NA :NA	PRADESH INDIA
Filing Date (87) International Publication No	.NA : NA	(72)Name of Inventor : 1)ADITYA GOEL
(61) Patent of Addition to Application Number	:NA	2)GAURAV PANDEY
Filing Date	:NA	Z)GROKIV III.(DEI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention disloses an optimal dispersion compensation fiber (DCF) module based on LP01 mode for compensating chromatic dispersion in conventional single mode fiber (CSMF) over a wide span of wavelength ranging from 1500 nm-1600 nm (100 nm) that consists of a core surrounded by an outer cladding. The core has three segments, core segment having positive A|. trench segment having negative $\Delta 2$ ring core having positive $\Delta 3$ and outer cladding having $\Delta 4$ that are radially adjacent to each other, where $\Delta 1 > \Delta 3 > \Delta 4 > \Delta 5$,. At 1550 nm. the DCF exhibits: dispersion = -246.76ps/nm-km. dispersion slope = -0.335ps/nm2/km, kappa - 736 nm and Figure of merit = 1301 ps/(nm-dB). The maximum value of the net compensated dispersion Dcomp.max over the entire wavelength range from 1500 to 1600 nm has been optimized and minimized as a function of profile parameters (c_r, n2, ϕ , N) and the length ratio X . The optimized dispersion compensating fiber with optimal value of following profile parameters c_r = 2.038 μ m; nco = 1.50, 4 = 0.02276190, n2= 1.42027332. N = 3 is capable of reducing the overall existing dispersion from 18.62 ps/nm-km to < |1.40| ps/nm-km, when it is concatenated with the existing conventional single mode fiber in a length ratio of 1:15.38. A wideband optical transmission system comprising of CSMF coupled with DCF module based on LP01 mode of the present invention exhibiting residual dispersion < |9.1| ps/nm per 100 km of CSMF over the entire wavelength span of 100 nm has also been presented here.

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

(22) Date of filing of Application :06/02/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR ELECTRONIC PAYMENT TRANSACTION AND CENTRAL SERVER 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 Filing Date 	:H04L29/06, G06Q20/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SPIRITUS PAYMENTS PRIVATE LIMITED Address of Applicant:202/REGAL APARTMENT, S V Road, Santacruz (West), Mumbai 400054, Maharashtra, India. (72)Name of Inventor: 1)RAMACHANDRA BABU HANUMANTHAPPA
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(57) Abstract:

Embodiments of the disclosure relate to a central server and method for electronic payment transaction. In an embodiment, the method discloses receiving an encrypted packet comprising transaction input and information related to at least one issuing server from a communication device. The central server processes the packet to determine an issuing server from the plurality of issuing servers being capable to authorize the transaction based on the transaction input. The packet is transmitted to the determined issuing server for payment transaction processing. Upon successful transaction, the central server receives payment transaction approval from the determined issuing server. The payment transaction approval is encrypted and transmitted the encrypted payment transaction approval to the communication device.

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

(22) Date of filing of Application :06/02/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD FOR ELECTRONIC PAYMENT TRANSACTION AND COMMUNICATION DEVICE THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q20/00, G06Q40/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)SPIRITUS PAYMENTS PRIVATE LIMITED Address of Applicant: 202/REGAL APARTMENT, S V Road, Santacruz (West), Mumbai 400054, Maharashtra, India. (72)Name of Inventor: 1)RAMACHANDRA BABU HANUMANTHAPPA
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the disclosure relate to communication device and method for electronic payment transaction. In an embodiment, the present disclosure relates to a method where payment transaction is initiated and transaction information is generated by a computing device. The communication device receives a packet with transaction input and information related to at least one issuing server from the computing device, wherein the packet is encrypted. The encrypted packet is then transmitted to the central server for processing payment transaction. The communication device receives encrypted payment transaction approval from the central server and transmits to the computing device. Finally, the communication device receives authorization code and payment transaction information from the computing device.

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

(22) Date of filing of Application :06/02/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD FOR ELECTRONIC PAYMENT TRANSACTION AND COMPUTING DEVICE THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q20/00, G06Q30/00 :NA :NA :NA	(71)Name of Applicant: 1)SPIRITUS PAYMENTS PRIVATE LIMITED Address of Applicant: 202/REGAL APARTMENT, S V Road, Santacruz (West), Mumbai 400054, Maharashtra, India. (72)Name of Inventor: 1)RAMACHANDRA BABU HANUMANTHAPPA
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	

(57) Abstract:

Embodiments of the disclosure relate to computing device and method for electronic payment transaction. In an embodiment, the present disclosure relates to a method where payment transaction is initiated and transaction information is generated by a computing device. Then, the computing unit determines an issuing server from plurality of issuing servers which shall process the transaction based on the received transaction input. A packet is formed with the transaction input and information related to the determined issuing server, said packet is encrypted. The computing unit transmits the encrypted packet to the communication device and in turn receives encrypted payment transaction approval from the communication device. Then, the computing device transmits authorization code and payment transaction information to the communication device.

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

(22) Date of filing of Application :29/03/2014 (43)

(43) Publication Date: 09/05/2014

(54) Title of the invention: CONGESTION CONTROL IN WIRELESS SENSOR NETWORK USING BULGED MULTI-PATH ROUTING SCHEME (BMP)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L12/28, H04W4/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Mr. Vivek Deshpande Address of Applicant: D-19, Prathmesh, Chintamani Nagar, Bibwewadi, Pune 411037 Maharashtra India (72)Name of Inventor: 1)Mr. Vivek Deshpande 2)Gajendra Sanjay Vyas
(87) 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:

Wireless Sensor network is collection of various sensor nodes. These nodes are randomly distributed in the sensor network. Sensor nodes become active in response to monitored event and send lots of data regarding to monitoring event to sink (Base Station). Due to this congestion is one of the most important problems of sensor network. It causes packets loss; wastage of energy, reliability gets decreased. To avoid these entire issue one must have to control congestion in network. So to control congestion we are proposing a new bulged multi-path routing algorithm. This bulged multi-path routing algorithm sends data through multiple paths simultaneously. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the sensor field of multi-path routing algorithm

No. of Pages: 13 No. of Claims: 5

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: SAFER HILL ASCENT HILL HOLD.

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B60W30/18 :NA :NA :NA	(71)Name of Applicant: 1)GIJO KALAPURACKAL JACOB Address of Applicant:FLAT 304, NIRMALA, PLOT 31, SECTOR 36, KAMOTE, NAVI MUMBAI-410 209, Maharashtra, India. (72)Name of Inventor: 1)GIJO KALAPURACKAL JACOB
· ·	:NA	

(57) Abstract:

The Safer Hill Hold Hill Ascent System can be used for safe hill ascending. The system is a very simple one. As per the operation procedure it is very much easy to control the system. The operation can be made manual or automatic. There are not many parts or accessories for the system and so the manufacturing process is also a very simple. As there are not many parts the maintenance of the system is also quite simple. This system does not need any power compared to the existing Hill Assist OR Hill Ascent System. This system is used to prevent the automatic backward movement of the vehicle when the vehicle is about to start and move forward in the ascending direction from a stopped position on the climb. Moreover if the vehicle is stopped on a climb in the ascending direction the system can hold the vehicle for any time in that position. Once the system is activated, it allows the forward movement of the vehicle in the ascending direction without any delay. This system can be used in any vehicles from the small and light vehicle to heavy and big vehicles. This system has got many advantages compared to the existing Hill Hold and Hill Assist systems

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : A METHOD OF CREATING GLOBAL NEIGHBOR LIST IN CELLULAR TELECOMMUNICATION NETWORK AND AN APPARATUS THEREOF

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)WIPRO LIMITED
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)SAPTARSHI CHAUDHURI 2)KAMAKSHI LAKSHMINARAYANPURAM
(61) Patent of Addition to Application Number	:NA	KRISHNAKUMAR
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract:

A method and system for creating a global neighbor list is disclosed. The method may be implemented at a serving base station and includes instructing each Mobile Station (MS) served by the serving BS to report a signal strength between the each MS and one or more neighbor BSs for one or more predefined time periods; identifying, using a hardware processor, at least one neighbor BS of the one or more neighbor BSs having a signal strength with respect to one or more MSs greater than a threshold signal strength; determining, using the hardware processor, a number of times the at least one neighbor BS is reported in the one or more predefined time periods; and creating, using the hardware processor, the global neighbor list based on the number of times the at least one neighbor BS is reported exceeding a predefined count threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1258/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: THE TRAIN DOOR GUARD MECHANISM

(51) International classification	:b25d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGALAM ANTONY JOLLY
(32) Priority Date	:NA	Address of Applicant :MANGALAM HOUSE,
(33) Name of priority country	:NA	VETTIKAVUMKAL, KARUKACHAL P.O., KOTTAYAM
(86) International Application No	:NA	DISTRICT, PIN - 686 540 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MANGALAM ANTONY JOLLY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Train door guard mechanism to prevent the accidental closing of an opened train door due to inadvertent exertion of force in the opposite direction is disclosed herein. Said mechanism comprises of a movably fixed rod (2) on the door wherein the tip of said rod is adapted to meet a ratchet (1) fixed above the upper edge of the door to facilitate only unidirectional movement of the door. The rod is further spring (8) loaded wherein a handle is provided to unlock the guard mechanism.

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

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM TO FACILITATE FEEDING IN PATIENTS FACING TROUBLE IN CONSUMING FOOD

(51) International classification :a6 (31) Priority Document No :NA (32) Priority Date :NA	
(33) Name of priority country :NA	
(86) International Application No :NA	560047 Karnataka India
Filing Date :NA	2)JANNU Anubhav Aravind
(87) International Publication No : N.	A (72)Name of Inventor :
(61) Patent of Addition to Application Number :NA	1)NAGARAJ Abhishek
Filing Date :NA	2)JANNU Anubhav Aravind
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

A device (100) to facilitate feeding in patients having trouble in consuming food is provided. The device (100) may include a pathway (101) for receiving flowable food and delivering the flowable food into the patientTMs esophagus. The pathway (101) may include a proximal portion (102), a distal portion (106) and an intermediate portion (104) disposed between the proximal portion (102) and the distal portion (106). A reflex angle may be defined between channel (118) defined by the intermediate portion (104) and a trough configuration defined in the proximal portion (102). An obtuse angle may be defined between the channel (118) and a bottom portion superior surface (130) of the distal portion (106).

No. of Pages: 35 No. of Claims: 17

(21) Application No.2178/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: A STABILIZING MECHANISM FOR A SHELF ASSEMBLY

(51) International classification	·a/17h	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country		Bangalore 560035, Karnataka, India.
(86) International Application No		(72)Name of Inventor:
Filing Date	:NA	1)JEJJU JACOB
(87) International Publication No	: NA	2)PUNEET MAKKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stabilizing mechanism for a shelf assembly, the stabilizing mechanism comprising at least one movable rail placed between at least two support rails and a frame comprising of at least one shelf of the shelf assembly. At least one guide wheel pivotably mounted to a shaft having at least one shaft arms, wherein the at least one guide wheel and the shaft arms are configured to slide along the entire length of the at least one movable rail while adjusting the height of the at least one shelf in a vertical direction. A first slider member connected to the shaft at one end and configured to slide in lateral slots provided on the frame of the shelf for stabilizing the shelf.

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

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : SYSTEM FOR PROVIDING ESSENCE EFFECT BY USE OF INTERNET AND METHOD FOR PROVIDING ESSENCE BY USING THE SYSTEM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No	G06Q 30/00 NA NA NA CHINSURAH, HOOGHLY, PIN: 712101, WEST BENGAL India NA NA (72)Name of Inventor: 1)DR. BISWARUP NEOGI Address of Applicant: DHARAMPUR, KALITALA, CHINSURAH, HOOGHLY, PIN: 712101, WEST BENGAL India 1)DR. ZINKAR DAS 1)DR. BISWARUP NEOGI 2)MR. ZINKAR DAS
Filing Date :N	NA NA
Filing Date :N	NA

(57) Abstract:

This invention relates to a system for providing essence effect by use of Internet and in particular, this invention relates to the system for emitting the odour of the object present in the image sent through mail via internet by someone. More particularly, this present invention also relates to the system which is a USB interfaced device by which image will be downloaded from user mail account and to emit the essence of that image. Furthermore, this invention also relates to an system for odour evaporation arrangement through direct internet accessibility.

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

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.2412/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD OF PRODUCTING SIDE WALL FOR RAILWAY PASSENGER COACH

(51) International classification	B60N2/44, B60N2/00, B60N2/56	(71)Name of Applicant: 1)DTL Ancillaries Ltd. Address of Applicant: Kohinoor Centre Above HDFC Bank 1st floor Pune-Nasik Highway Talegaon Chowk Chakan Dist-
(31) Priority Document No	:NA	Pune Maharashtra India
(32) Priority Date	:NA	2)J.Vijay Mohan
(33) Name of priority country	:NA	3)J. Sidharth Vijay
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)J. Vijay Mohan
(87) International Publication No	: NA	2)J. Sidharth Vijay
(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 method for producing side wall of railway coaches. The method having step of selecting a sheet with predefined grade, wherein the sheet is in coiled form. Thereafter, uncoiling the sheet for straightening. Further, lifting the sheet and disposing over a first pallet in alignment with a laser cutting machine. Then cutting openings and blanks of predefined shape on the sheet and placing the sheet in a second pallet. At last, securing the reinforcement frames and panels to the sheet to form side wall of the railway coaches.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.304/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: HYDRAULIC MOTOR AND ELECTRICITY AIR AIR CONDITIONING AND HEATING **GENERATION**

(51) International classification :F01B29/02,F01B17/02,F16J1/09 (71) Name of Applicant:

:NA

:WO 2012/010939

(31) Priority Document No :10075313.6 (32) Priority Date :20/07/2010

(33) Name of priority country :EPO

(86) International Application :PCT/IB2011/001643

:12/07/2011 Filing Date

(87) International Publication

No

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

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)MTVV

Address of Applicant :11 Rue de la Fosse Bourguignoise F

62170 Neuville sous Montreuil France

(72)Name of Inventor:

1)STRZYZEWSKI Patrick Marcel

(57) Abstract:

The invention relates to a hydraulic motor including piston liners (A B C and D of figure A no. 07.07/12 and A B C D and E of figure A no. 08.08/12) operating as double acting cylinders a hollow cavity being provided on the skirt of the pistons said pistons being made of two or three portions with (15) a ring (A of figure A no. 08.08/12) providing the seal between the chambers of the hollow cavity and being mounted between the liners (5 and 6) wherein (3) is shrink fitted into (9) of the piston (E of figure A no. 08.08/12) the liners (A B C and D) enabling the assembly of the piston liners an intermediate ring provided between the two liners ensuring the seal between the pressure chamber and the return chamber leading to the tank according to the assembly modes (B of figure A no. 08.08/12) wherein other assemblies are shown (A of figure A no. 08.08/12) and the hydraulic pressure or the return to the tank is ensured by mounting SAE flanges or by direct intake through a cylindrical gas coupling (B of figure A no. 08.08/12). Said hydraulic motor operates with the pistons by propelling or drawing same by means of hydraulics a vacuum or compressed air (A B C or D of figure A no. 1.1/12 and figure A no. 8.8/12). (D of figure A no. 08.08/12) shows hydraulic seals (2) on the parts of the piston (4 and 3) enhancing the seal between the motor oil and the hydraulic oil wherein (3) is screwed onto (4) and locked by two hexagon socket countersunk head cap screws for the removal of the piston nose (3). Said motor generates electricity by driving an alternator as well as compressed air and heating by means of plate and baffle radiators acting as a heat exchanger and also by means of crown shaped aluminium radiators having baffles or coils nested inside one another wherein an air conditioning and water production system enables the hydraulic motor to be cooled.

No. of Pages: 49 No. of Claims: 15

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD TO INVESTIGATE INFLUENCE OF THERMAL ENERGY ON FABRIC OF FINE GRAINED SOILS

(51) International classification	:E03B3/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. D N SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention, commercially available white clay (WC), which is quite uniform in texture and appearance, is chosen. This soil is subjected to various laboratory tests for its mineralogical, chemical and physical characterization. Then, sedimentation tests were conducted on this soil in different settling environment by altering pore-fluid chemistry (i.e. altering electrolyte concentration). Simultaneously, sediments were also obtained by boiling the soil slurries exhibiting similar compositions as that used in the sedimentation tests. The fabric of the sediments obtained from these two processes is examined by employing Mercury Intrusion Porosimetry (MIP).

No. of Pages: 18 No. of Claims: 7

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: HVDC CONVERTER WITH NEUTRAL POINT CONNECTED ZERO SEQUENCE DUMP RESISTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02M7/797,H02M1/32 :NA :NA :NA :NA :PCT/EP2010/062316 :24/08/2010 :WO 2012/025142 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)TRAINER David Reginald 2)OKAEME Nnamdi
- 14		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A power electronic converter (30) is for use in high voltage direct current power transmission and reactive power compensation the power electronic converter (30) including three phase elements (32) defining a star connection (36) and a converter unit (34) including first and second DC terminals (50 52) for connection in use to a DC network (56) and three AC terminals (54) the converter unit (34) including a plurality of switching elements (70 74) controllable in use to facilitate power conversion between the AC and DC networks (44 56) the power electronic converter (30) further including a third DC terminal(78) connected between the first and second DC terminals (50 52) the third DC terminal (78) being connected to a common junction (40) of the star connection (36) to define an auxiliary connection (82) the auxiliary connection (82)including at least one dump resistor (84) connected between the common junction (40) and the third DC terminal (78) wherein the switching elements (70 74) of the converter unit (34) are controllable in use to modify a phase voltage at each AC terminal (54) to include a triplen harmonic voltage component so as to dissipate real power in the or each dump resistor (84) at a triplen harmonic frequency.

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

(22) Date of filing of Application :30/09/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: A PROCESS FOR MANUFACTURING 5-AMINO-1-(2,6-DICHLORO-4-TRIFLUOROMETHYLPHENYL)-3-CYANO-4-TRIFLUOROMETHYL SULPHINYL PYRAZOLE.

(51) International classification	:C07D231/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHARDA,KEKI HORMUSJI
(32) Priority Date	:NA	Address of Applicant :GHARDA HOUSE,48 HILL
(33) Name of priority country	:NA	ROAD,BANDRA(WEST),MUMBAI 400 050,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:N/A	1)GHARDA,KEKI HORMUSJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a process for the preparation of a compound represented by formula I, said process comprising oxidizing a compound of formula II, in a medium comprising at least one oxidizing agent and a solvent system comprising at least one solvent selected from the group consisting of methanesulfonic acid, triflic acid, tetrachlorobutyric acid, ethylenedichloride, methylenedichloride, trifluoroacetic acid, trichloroacetic acid and tribromoacetic acid at a temperature ranging between 0 °C and 50 °C, preferably between 0 °C and 30 °C. The medium may optionally includeat least one corrosion inhibiting agent.

No. of Pages: 20 No. of Claims: 12

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: ELECTRONIC KEY FOR MERCHANDISE SECURITY 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 	:01/09/2011 :WO 2012/031065 :NA :NA :NA	(71)Name of Applicant: 1)INVUE SECURITY PRODUCTS INC. Address of Applicant: 15015 Lancaster Highway Charlotte North Carolina 28277 U.S.A. (72)Name of Inventor: 1)GRANT Jeffrey A. 2)FAWCETT Christopher J.
Filing Date	:NA	

(57) Abstract:

An electronic key (20 120) including an internal power source (31 131) is provided for transferring electrical power to a merchandise security device (40 140) to operate a mechanical lock mechanism. In one embodiment the key transfers power to the device via electrical contacts (36 38) disposed on a transfer probe (25) of the electronic key and corresponding electrical contacts (45 46) disposed within a transfer port (42) of the device when the transfer probe engages the transfer port. In another embodiment the key transfers power to the device via inductive transfer as a result of passing an electrical current through an inductive coil (126) disposed within a transfer probe (125) to generate a magnetic field in the vicinity of a corresponding inductive coil (146) disposed within a transfer port (142) and thereby induce an electric current in the inductive coil of the device. In other embodiments the electronic key is programmed with a security code and the key initially programs the merchandise security device with the security code and subsequently determines whether the security code of the key matches the security code of the device to permit the key to transfer power to the device.

No. of Pages: 62 No. of Claims: 15

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: FEMALE CONTRACEPTIVE DEVICE

(51) International classification	:A61F6/22, A61F6/00	(71)Name of Applicant: 1)Firoz Siddiqui
(31) Priority Document No	:NA	Address of Applicant :20 Tulips A1 Part 2 Sukhwani campus
(32) Priority Date	:NA	Vallabhnagar Pimpri Pune 411018 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Firoz Siddiqui
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	
(55) A1		•

(57) Abstract:

The present invention provides a female contraceptive device. The device comprising a body, a plurality of straps and a first portion. The plurality of straps is extending out from the body to secure to a female body. The first portion is configured to be disposed on vaginal opening of the female body upon securing to the female body for allowing penetration of penis therein and also to provide barrier therebetween.

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

(19) INDIA

(22) Date of filing of Application :30/01/2013

(21) Application No.228/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: DATA STATE TRANSITION DURING HANDOFF

(51) International classification	:H04W36/18, H04W99/00	(71)Name of Applicant: 1)QUALCOMM INCORPORATED
(31) Priority Document No	:60/741,170	Address of Applicant :Attn: International IP Administration,
(32) Priority Date	:30/11/2005	5775 Morehouse Drive, San Diego, California 92121-1714,
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2006/061436	(72)Name of Inventor:
Filing Date	:30/11/2006	1)HORN, Gavin Bernard
(87) International Publication No	:WO/2007/111717	2)ULUPINAR, Fatih
(61) Patent of Addition to Application	:NA	3)PAREKH, Nileshkumar J.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:971/MUMNP/2008	
Filed on	:13/05/2008	

(57) Abstract:

Described herein are mechanisms and methods that facilitate seamless handoff of an access terminal between access points (transceiver modules). A first transceiver module can be providing forward link data services to an access terminal when it requests a handoff to a second transceiver module. In response, the first transceiver module can provide data that is desirably transmitted to the access terminal to the second transceiver module. A network module can inform a plurality of transceiver modules that the second transceiver module is servicing the access terminal, and can further provide data to the second transceiver module for transmittal to the access terminal.

No. of Pages: 46 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2804/MUM/2011 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: DATA VALIDATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	19/00 :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant:Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA (72)Name of Inventor:
(86) International Application No	:NA	1)RAJAGOPALAN Sudharsan
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses a system and a method for data validation. In one implementation, the method includes receiving at least one mapping rule and at least one conversion rule pertaining to a source data repository and a target data repository and mapping at least one field of the source data repository with at least one field of the target data repository based in part on the at least one mapping rule. The method further comprises determining the relationship between the at least one field of the source data repository and the at least one mapped field of the target data repository based in part on the at least one conversion rule and scanning the values present in the at least one field of the source data repository and the mapped at least one field of the target data repository to validate the data present in the source data repository and the target data repository.

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

(21) Application No.315/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MIXING APPARATUS FOR PUMPABLE MIXTURES AND METHOD RELATED THERETO

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B28C7/00,B28C7/04,C04B40/00 :10185962.7 :01/10/2010 :EPO	(71)Name of Applicant: 1)SIKA TECHNOLOGY AG Address of Applicant: Zugerstrasse 50 CH 6340 Baar Switzerland
(86) International Application No Filing Date (87) International Publication	:PCT/EP2011/067095 :30/09/2011	(72)Name of Inventor: 1)HANSSON Martin
No (61) Patent of Addition to Application Number	:WO 2012/042012 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a mixing apparatus (100) for the metered addition of an additive (200) to a pumpable mixture (400) in particular a pumpable hydraulically setting mixture in particular a liquid shotcrete composition wherein the mixing apparatus (100) comprises a delivery line (110) for delivering the mixture (400) through the mixing apparatus (100) and a metering device (101) communicating with the delivery line (110) for introducing the additive (200) into the mixture (400) is provided wherein the mixing apparatus is characterized in that the metering device (101) has a device (125a 125b) for dispersing the additive (200) in a carrier medium (300) such that the additive (200) can be introduced into the mixture (400) in a state in which the additive is finely distributed in the carrier medium (300).

No. of Pages: 33 No. of Claims: 25

(21) Application No.224/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: PROCESS FOR PREPARING BENZOIC ACID ESTERS

(51) International :C07C231/02,C07C235/16,C07D235/12 classification

(31) Priority Document :2010200092

(32) Priority Date :07/09/2010

(33) Name of priority :Japan

country

(86) International :PCT/JP2011/070257 Application No :06/09/2011

Filing Date

(87) International :WO 2012/033091 Publication No

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

Application Number Filing Date

:NA

(71)Name of Applicant:

1)DAIICHI SANKYO COMPANYLIMITED

Address of Applicant: 3 5 1Nihonbashi HonchoChuo ku

Tokyo 1038426 Japan (72)Name of Inventor:

1)WAKAYAMA Masakazu

2)SAITO Avako 3)KAJINO Hisaki

(57) Abstract:

Provided is an industrially more advantageous process for preparing novel pyridine derivatives which are expected to be utilized as drugs. A process for preparing high quality 3 (6 hydroxy 1 methyl 1H benzimidazol 2 yl)benzoic acid esters which serve as intermediates in the preparing process in a few steps and in a high yield; novel benzoic acid esters which serve as precursors thereof; and a process for preparing the same.

No. of Pages: 118 No. of Claims: 30

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: RESTRAINT AND EXTRACTION HARNESS WITH ASSOCIATED RELEASE MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A62B35/00 :61/369945 :02/08/2010 :U.S.A. :PCT/US2011/046229 :02/08/2011 :WO 2012/018788 :NA :NA :NA	(71)Name of Applicant: 1)CARLETON LIFE SUPPORT SYSTEMS INC. Address of Applicant: A DELAWARE CORPORATION, 2734 HICKORY GROVE ROAD, DAVENPORT, IA 52804, U.S.A. (72)Name of Inventor: 1)HARSHBARGER Joel 2)MOTTA Chris 3)ROBINSON Justin 4)HOLLER Kevin
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(57) Abstract:

Disclosed is a harness system that can be used in both restraining and extracting a wearer. The harness takes the form of webbing that may be integrated into a crewmember worn vest. The webbing includes extraction loops for use in hoisting the crewmember and a release mechanism for releasably coupling the harness to an external restraint such as an overhead reel. The system can be used within a vehicle such as a land based vehicle a water going vessel or an aircraft.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : FULLY AUTOMATIC, SOLID FUEL FIRED, NATURAL CIRCULATION TYPE, THERMAL OIL VAPORIZER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C22B21/00 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED Address of Applicant: PUSHPA HEIGHTS, 1ST FLOOR, BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE-411 037, MAHARASHTRA, INDIA (72)Name of Inventor: 1)ATRE ASHOK DATTATRAYA
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fully automatic, solid fuel fired, natural circulation type, thermal oil vaporizer comprises a membrane wall type furnace having tubes linearly arranged at certain pitch in a vertical alignment with the bottom ends connected to bottom headers of the furnace and the top end connected to riser headers at the top of furnace; the said membrane wall furnace provided with leak-proof volume for combustion of fuel in the thermal oil heateroil vaporizer by welding a steel flat in the gap between the said consecutive tubes continuously on the said tubes; a. fuel hopper provided to feed the solid fuel inside membrane wall furnace, through a feeder to feed fuel on water cooled oscillating grate installed inside the said furnace; a liquid-vapor separation drum, holding the thermal oil at height and also to allows oil-vapors to separate from the liquid oil, having multiple vertical down comers connected to the said bottom headers of the said membrane waff type furnace to carry the thermal off to bottom header of the said furnace by gravity and multiple riser tubes connected to the said riser headers; one or more convective heat exchanger, placed above the said membrane wall type furnace, consisting of multiple tube assembly having an inlet header connected to the said multiple down comers and outlet header connected to the said multiple risers; a sealed casing formed to the said convective heat exchanger has membrane wall type construction, similar to the said furnace consisting of vertical tubes linearly arranged at certain pitch and the gap between tubes is sealed with a flat having bottom casing header connected to said multiple down comers and riser casing header connected to the said multiple risers; a chimney fixed above the said casing; a controlled out let provided to the said drum for taking out the heated liquid/vapor oil to a vapor header connected to the industrial process application; and means provided for recirculation of the output of said heated liquid/vapor oil after using at industrial application.

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

(21) Application No.233/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : A 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 	:H01F3/10,H01F38/02 :NA :NA :NA :PCT/EP2010/061258 :03/08/2010 :WO 2012/016586 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)STURGESS Jonathan Peter
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A magnetic fault current limiter core (10a) comprising at least one first magnetic element (12) and at least one second magnetic element (14), the magnetic elements (12,14) being arranged to define a substantially parallel array of magnetic elements (12,14), the or each first magnetic element (12) including a soft magnetic material and the or each second magnetic element (14) including a hard magnetic material, wherein the or each soft magnetic material in a non-saturated state has a higher magnetic permeability than the or each hard magnetic material.

No. of Pages: 28 No. of Claims: 14

(22) Date of filing of Application :01/10/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : OLEIC AND MEDIUM CHAIN LENGTH TRIGLYCERIDE BASED, LOW VISCOSITY, HIGH FLASH POINT DIELECTRIC FLUIDS

(51) International classification	:A23D9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:NA	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:NA	MICHIGAN 48674, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SREEJIT A. NAIR
(87) International Publication No	: NA	2)KAUSTUBH S. GUPTE
(61) Patent of Addition to Application Number	:NA	3)JEFFREY M. COGEN
Filing Date	:NA	4)BHARAT I CHAUDHARY
(62) Divisional to Application Number	:NA	5)ANNY L FLORY
Filing Date	:NA	

(57) Abstract:

A dielectric fluid comprising in weight percent based on the weight of the composition: A. 30 to 70% C18:1 fatty acids; B. 10 to 55% of a mixture of C8 and CIO fatty acids in which the mixture comprises 50 to 70 wt%, based on the weight of the mixture, of C8 fatty acids; C. No more than 13% polyunsaturated fatty acids; and D. No more than 7% of saturated fatty acids of which each contains at least 12 carbon atoms.

No. of Pages: 27 No. of Claims: 4

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: A DIRECT DRIVE WASHING MACHINE

	D0(E27/00	(71)
(51) International classification	:D06F37/20, D06F37/26.	(71)Name of Applicant : 1)WHIRLPOOL OF INDIA LTD.
(31) International classification	D06F37/30	Address of Applicant: Whirlpool House Plot No. 40 Sector-
(31) Priority Document No	:NA	44 Gurgaon-122002 Haryana India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Pradeep Kumar Sholingar
(86) International Application No	:NA	2)Tamizharasan T Shanmugam
Filing Date	:NA	3)Sachin Karade
(87) International Publication No	: NA	4)Varadharajan J
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a direct drive washing machine which has a washing capacity as large as possible by effectively using the space between the casing and the outer tub without increasing the size of the casing. More particularly the present invention provides a direct drive washing machine comprising a casing; an outer tub placed inside the casing; at least one slotted stator mounted on the periphery of the outer tub said at least one slotted stator having a plurality of coils wound in the slots so as to produce rowing magnetic field in a working condition; an inner drum located inside the outer tub the inner drum being provided with a pair of concentric strips of electrical conductors wound on an outer circumference thereof, said inner drum along with the pair of concentric strips co-operate with said at least one slotted stator to define an induction motor to impart rotary motion to the inner drum.

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

(21) Application No.324/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: CLAM SHELL LINEAR MOTION BEARING 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 Applic Number Filing Date (62) Divisional to Application No 	:10/08/2011 :WO 2012/021579 ation :NA :NA	(71)Name of Applicant: 1)THOMSON INDUSTRIES INC. Address of Applicant: 45 Hazelwood Drive Amherst NY 14228 U.S.A. (72)Name of Inventor: 1)NG Alison 2)THOMAS Ryan
(62) Divisional to Application Nu Filing Date	ımber :NA :NA	

(57) Abstract:

A linear motion bearing assembly comprising a rolling element retainer structure and an outer housing sleeve enclosing substantially all of an exposed exterior surface of said rolling element retainer structure. A bearing block effective to enclose substantially all of an exposed exterior surface of the outer housing sleeve the bearing block including a first bearing block segment effective to enclose a first part of the outer housing sleeve; and a second bearing block segment effective to enclose a second part of the outer housing sleeve wherein the first bearing block segment and the second bearing block segment include first elements and second elements effective to interlock with each other when the bearing block encloses the outer housing sleeve.

No. of Pages: 27 No. of Claims: 20

(21) Application No.220/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: FUEL CELL SYSTEM AND METHOD FOR OPERATING 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 	:2010155244 :07/07/2010 :Japan :PCT/JP2011/003794 :04/07/2011 :WO 2012/004963 :NA :NA	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant:1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor: 1)TAKEBE Yasuo 2)UKAI Kunihiro
(62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Filing Date

Provided is a fuel cell system wherein reformed gas generated by a reformer (R1) that is being operated is supplied to a fuel cell stack (F1) off gas discharged from the fuel cell stack (F1) is supplied to a heat feeder (B2) provided in a reformer (R2) that is being stopped. Consequently by operating at least one reformer (Rn) all of a plurality of reformers (Rn) can be warmed up. Consequently energy consumption in a standby state is suppressed and rapid start in an emergency becomes possible. Further a configuration in which the reformed gas itself instead of the off gas is supplied to the heat feeder (B2) is also possible.

No. of Pages: 45 No. of Claims: 18

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : HEATING APPARATUS FOR INTERNAL COMBUSTION ENGINE EXHAUST AFTERTREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F01N3/00 :61/375609 :20/08/2010 :U.S.A. :PCT/US2011/048348 :19/08/2011 :WO 2012/024551 :NA :NA	(71)Name of Applicant: 1)MACK TRUCKS INC. Address of Applicant: 7900 National Service Road Greensnboro North Carolina 27409 U.S.A. (72)Name of Inventor: 1)HOOVER Dale H.
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heating apparatus for engine exhaust includes a housing having an inlet for connection in an exhaust gas conduit to receive exhaust gas and an outlet for connection in an exhaust gas conduit to discharge exhaust gas the housing defining an interior space a burner unit mounted in the housing for combustion of a fuel in the interior space and a turbocompressor including a turbine having an inlet to receive exhaust gas to drive the turbine and an outlet connected to the housing to discharge exhaust gas and a compressor driven by the turbine and having an inlet to receive ambient air and an outlet connect to deliver compressed air to the burner. The turbocompressor may be mounted on the housing upstream of the burner unit.

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

(21) Application No.339/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: A FUEL COMPOSITION BASED ON FOUR CARBON ATOM ALCOHOLS AND ADDITIVES FOR DIESEL CYCLE MOTORS

(51) International classification :C10L1/02,C10L1/12,C10L1/182 (71) Name of Applicant:

(31) Priority Document No :PI 10046305 (32) Priority Date :12/11/2010

(33) Name of priority country :Brazil

(86) International Application :PCT/BR2011/000284

:11/08/2011 Filing Date

(87) International Publication No:WO 2012/061909

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

:NA Number :NA Filing Date

(57) Abstract:

1)FALOUETE Marco Antonio

Address of Applicant: Rua Desembargador Motta 2219 AP.

403 Bloco A Batel CEP 80420190 Curitiba Brazil

(72)Name of Inventor: 1)FABRE Jose Antonio

motor which can be produced from a renewable biological source using biotechnology methods including fermentation of sugars or materials available in sugar alcohol manufacturing plants thus the fuel produced could be used in a conventional way as a substitute for diesel oil in urban transport or motorway vehicles being an alternative option to diesel oil: the composition can be used alone or mixed with petrochemical diesel in the motor.

The patent relates to a liquid fuel containing four carbon atom alcohols and additives ignited by compression for a diesel cycle

No. of Pages: 33 No. of Claims: 3

(22) Date of filing of Application :25/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: OXIDATION CATALYST SUITABLE FOR COMBUSTION OF LIGHT OIL COMPONENT

(51) International classification: B01J35/10,B01D53/94,B01J23/63 (71) Name of Applicant:

:11/08/2011

(31) Priority Document No :2010185417 (32) Priority Date :20/08/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/068385

Filing Date

(87) International Publication :WO 2012/023494

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

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

1)MITSUI MINING & SMELTING CO. LTD.

Address of Applicant: 111 1 Osaki Shinagawa ku Tokyo

1418584 Japan

(72)Name of Inventor: 1)KOGAWA Takahiro

2)ABE Akira

(57) Abstract:

The purpose of the present invention is to provide an oxidation catalyst (DOC) which is suitable for the combustion of a light oil component that is to be supplied upon the regeneration of a diesel particulate filter (DPF) at a relatively low temperature even after endurance and which has excellent heat resistance and excellent durability. This oxidation catalyst (DOC) suitable for the combustion of a light oil component comprises an alumina porous material having a peak value of the pore distribution of 10 100 nm as measured on a mercury porosimeter and a noble metal supported on the surface of the alumina porous material and/or on the inner wall surfaces of pores in the alumina porous material. An oxidation catalyst (DOC) structure of the present invention comprises a catalyst supporting material comprising a ceramic material or a metallic material and the oxidation catalyst (DOC) supported on the catalyst supporting material.

No. of Pages: 13 No. of Claims: 5

(22) Date of filing of Application :06/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : HERBAL PRODUCT AND PROCESS FOR TREATING CHOLESTEROL, CARDIOVASCULAR & BLOOD RELATED DISEASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K36/00, A61P 9/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)NIKITA JAIN Address of Applicant: C/O R.C. JAIN, GREATER KAILASH, LALKATHI, JAIPUR, RAJASTHAN. India (72)Name of Inventor: 1)NIKITA JAIN
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention characterized by preparing a herbal composition for treatment of cholesterol, cardiovascular & blood disease having extraction preferably of plant alfalfa, guggul & fenugreek, the extraction comprising process of, dehydrating, extracted at solvent, concentrating the extract by filtering and evaporating, mixing of almine salt, adjusting of different ph levels, lyophilizing the concentrate, this process extract containing active principles of the plants extract may dry to make it in powder form or any other suitable form usable to medication-

No. of Pages: 21 No. of Claims: 23

(21) Application No.322/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: INHIBITOR OF CASEIN KINASE 1Δ AND CASEIN KINASE 1E

(51) International :C07D413/14,A61K31/4439,A61P9/10 classification

(31) Priority Document No :2010178549 (32) Priority Date :09/08/2010 (33) Name of priority

:Japan country

(86) International :PCT/JP2011/068034

Application No :08/08/2011 Filing Date

(87) International :WO 2012/020726 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)PharmaDesign Inc.

Address of Applicant: 2 19 8 Hatchobori Chuo ku Tokyo

1040032 Japan

2)NB Health Laboratory Co. Ltd.

(72)Name of Inventor: 1)OKAMOTO Masako 2)TAKAYAMA Kiyoshi

(57) Abstract:

Provided is a novel oxazolone derivative having an inhibitory activity on casein kinase 1d and casein kinase 1e. The inhibitor can inhibit casein kinase 1d and casein kinase 1e and therefore can provide a medicinal agent useful for the treatment and/or prevention of diseases of which the disease condition are associated with the mechanism of activation of casein kinase 1d or casein kinase 1e. Particularly the inhibitor can provide a medicinal agent useful for the treatment of circadian rhythm disorders (including sleep disorder) central nervous system degenerative diseases and cancer. An inhibitor of casein kinase 1d and casein kinase 1e which comprises an oxazolone derivative represented by general formula (1) a salt of the derivative or a solvate or hydrate of the derivative or the salt as an active ingredient. [In formula (1) X represents a halogen atom (which may be any one of a fluorine atom a chlorine atom a bromine atom and an iodine atom).]

No. of Pages: 52 No. of Claims: 11

(21) Application No.342/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: 1 5 DIPHENYL PENTA 1 4 DIEN 3 ONE COMPOUNDS

(51) International :C07C49/248,C07C309/67,C07D211/06 classification

(31) Priority Document :61/375534

(32) Priority Date :20/08/2010 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2011/047899

Application No :16/08/2011 Filing Date

(87) International

:WO 2012/024282 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)ANDROSCIENCE CORPORATION

Address of Applicant: 11175 Flintkote Ave. Suite F San Diego

California 92121 U.S.A.

2)UNIVERSITY OF TOKYO

(72)Name of Inventor: 1)SHIH Charles C Y 2)KITAMURA Toshio

3)SHI Qian

4)KAWASHIMA Toshiyuki

5)WANG Hui Kang

(57) Abstract:

This invention relates to compounds of Formula (I) (II) or (III) as shown in the specification which contain a 1.5 diphenylpenta 1.4 dien 3 one backbone. These compounds can be used to treat cancer inflammatory disease or autoimmune disease.

No. of Pages: 60 No. of Claims: 29

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: VERTICAL PYROLYSIS EQUIPMENT FOR COAL SUBSTANCE

(51) International classification	:C10B53/04	(71)Name of Applicant:
(31) Priority Document No	:201010262918.5	1)XIXIA DRAGON INTO SPECIAL MATERIAL CO. LTD
(32) Priority Date	:19/08/2010	Address of Applicant :Industrial road 88 XiXia Nanyang
(33) Name of priority country	:China	Henan 474500 China
(86) International Application No	:PCT/CN2010/077086	(72)Name of Inventor:
Filing Date	:19/09/2010	1)ZHU Shucheng
(87) International Publication No	:WO 2012/022061	2)WANG Xibin
(61) Patent of Addition to Application	:NA	3)HUANG Xiangyun
Number	:NA	4)CAO Guochao
Filing Date	,11/1	5)LIU Wei
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a vertical pyrolysis equipment for coal substance which includes an enclosed kiln body with an inlet and an outlet a flame gas heating pipelines provided inside the kiln body coal substance conveying and pyrolysis passage formed between the flame gas heating pipelines and inner wall of the kiln body coal pyrolysis gas collecting tube connected with coal substance conveying and pyrolysis passage provided on the kiln. The heat generated by flame gas heating pipelines is conducted and radiated to coal powder in the coal substance conveying and pyrolysis passage. The coal powder sufficiently absorbs the heat and is pyrolyzed into fuel gas tar gas and coal with high heat value inside the coal substance conveying and pyrolysis passage. The pyrolyzed fuel gas and tar gas are transferred to the gas dedusting liquifying mechanism outside the kiln through the connecting coal pyrolysis gas collecting tube for collecting dedusting separating and high pressure liquefying.

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

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: STEEL EDGE CONTINUOUS BUCKET.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E02F3/40, A01F25/20 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RAJESAHEB MAHIBUBSAHEB SHAIKH Address of Applicant:1, BIDIWALE RESIDENCY, KESRE GALLI, KHANBHAG, SANGLI-416416. Maharashtra India (72)Name of Inventor: 1)RAJESAHEB MAHIBUBSAHEB SHAIKH
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(57) Abstract:

The bucket forms the main outer part of the Steel Edge Continuous bucket into which the crystallized grain, seed corn and earthy materials is scooped. The molded S.S (Stainless Steel) edge plate is attached to the scooping bottom edge using S.S (Stainless Steel) rivet. The molded S.S edge plate forms continuously throughout the edges. Fabricated S.S (Stainless Steel) edge plate forms along the guiding side edge. The guiding side edge forms as guide to the grain, seed corn and earthy materials crystal from next bucket as it is emptied. Grain, seed corn and earthy materials crystals are then dried and further refined before bagging and transporting.

No. of Pages: 11 No. of Claims: 8

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: STEEL EDGE CENTRIFUGAL BUCKET.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B04B5/04, B04B5/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RAJESAHEB MAHIBUBSAHEB SHAIKH Address of Applicant:1, BIDIWALE RESIDENCY, KESRE GALLI, KHANBHAG, SANGLI-416416. Maharashtra India (72)Name of Inventor: 1)RAJESAHEB MAHIBUBSAHEB SHAIKH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The bucket forms the main outer part of the Steel Edge Centrifugal bucket into which the crystallized grain, seed corn and earthy materials is scooped. The molded S.S (Stainless Steel) edge plate is attached to the scooping bottom edge using S.S (Stainless Steel) rivet. The molded S.S edge plate forms continuously throughout the edges. The centrifugal bucket is connected to Conveyor Belt driven by series of pulleys. Buckets reach the bottom of their rotation they scoop up material from the bottom of the elevator and discharged at the top of the elevator. Grain, seed corn and earthy materials crystals are then dried and further refined before bagging and transporting.

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

(21) Application No.325/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: CONJUGATES PARTICLES COMPOSITIONS AND RELATED METHODS

(51) International

:C12N15/11,A61K48/00,A61K9/16

classification

(31) Priority Document No :61/375783

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

:20/08/2010

(86) International Application

:PCT/US2011/048305

No

:18/08/2011 Filing Date

(87) International Publication

:WO 2012/024526

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)CERULEAN PHARMA INC.

Address of Applicant :840 Memorial Drive 5th Floor

Cambridge MA 02139 U.S.A.

(72)Name of Inventor:

1)ELIASOF Scott

2)FETZER Oliver S.

3)HWANG Jungyeon

4)LIM SOO Patrick 5)NG Pei sze

6)SVENSON Sonke

7)BERGSTROM Donald E.

(57) Abstract:

Particles and conjugates for delivering nucleic acid agents. Compositions containing the particles the conjugates or both. Methods of using the particles the conjugates and the compositions.

No. of Pages: 259 No. of Claims: 50

(21) Application No.346/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: FILM FORMING COMPOSITION FOR SOFT CAPSULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/08/2010 :WO 2012/018329 :NA :NA	(71)Name of Applicant: 1)R.P. SCHERER TECHNOLOGIES LLC Address of Applicant: c/o CSC Services Of Nevada Inc. 502 East John Street Carson City NV 89706 U.S.A. (72)Name of Inventor: 1)FUJII Takuma 2)NAGURA Masanori 3)AMEMIYA Tohru
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided herein is a film forming composition for use in the preparation of a soft capsule which comprises (a) acid decomposed waxy corn starch; (b) a gelling agent; and (c) a plasticizer. A soft capsule comprising a shell produced using the film forming composition disclosed herein has excellent characteristic properties with respect to physical strength disintegration ability odor taste color and lack of adhesion and also exhibits excellent stability with time.

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

(21) Application No.370/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: COAL MATERIAL DECOMPOSING DEVICE WITH SCREW TYPE CABIN

(51) International :C10B53/04,C10B57/00,C10B47/00 classification

(31) Priority Document No :201010534752.8 (32) Priority Date :08/11/2010

(33) Name of priority country: China

(86) International Application :PCT/CN2010/078998

:23/11/2010 Filing Date

(87) International Publication :WO 2012/062003

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)XIXIA DRAGON INTO SPECIAL MATERIAL CO. LTD

Address of Applicant : Industrial Road 88 XiXia Nanyang

Henan 474500 China (72)Name of Inventor: 1)ZHU Shucheng

(57) Abstract:

A coal material decomposing device with a screw type cabin comprises a sealed rotary kiln (1) provided with a coal inlet (2) and a coal outlet (3) in which a coal decomposing air collecting pipe (10) is arranged. The coal decomposing air collecting pipe is provided with two parallel spirals (11) for dividing space in the kiln into a heating air cabin (5) and a coal material decomposing cabin (4). The coal decomposing air collecting pipe is connected with the coal material decomposing cabin through an air guide hole (12) arranged in the coal material decomposing cabin. Coal powder after absorbing heat sufficiently is decomposed into coal gas tar gas and coal with high calorific value.

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

(22) Date of filing of Application :22/02/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : ROUND OR ANATOMICAL TYPE SILICONE PROSTHESIS HAVING SHELL WITH ENHANCED DURABILITY AND METHOD FOR MANUFACTURING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61L27/14, B29C41/12 :1020100093850 :28/09/2010 :Republic of Korea :PCT/KR2011/006780	(71)Name of Applicant: 1)YU Won Seok Address of Applicant: 421 18 Gayang2dong Dong Gu Daejeon 300 092 Republic of Korea (72)Name of Inventor: 1)YU Won Seok
Filing Date (87) International Publication No	:14/09/2011 :WO 2012/043997	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a silicone prosthesis comprising a silicone shell which has superior texture and comfort when worn inside the body minimizes stress concentration that may arise when wearing for a long time by eliminating the difference in physical characteristics and stress in all parts of the shell due to the silicone prosthesis having uniform thickness increases resistance to fatigue fracture so as to maximize the safety and the lifespan of the silicone prosthesis and which controls the flow of the silicone toward various angles thereby providing a round or an anatomical type silicone prosthesis having the shell with enhanced durability and entirely uniform thickness. The present invention also relates to a method for manufacturing the silicone prosthesis for forming the silicone shell of the silicone prosthesis by coating a mold body having the shape of the prosthesis with a silicone solution and drying same in a drying device wherein a jig is formed inside the drying device for fixing the mold body so as to fix the mold body and maintain a level state until rotating and tilting in various angles to use the fluidity of the silicone for adjusting the thickness of the shell to be uniform thereby providing a method for manufacturing the round or anatomical type silicone prosthesis having the shell with enhanced durability comprising a step for adjusting the thickness of the silicone.

No. of Pages: 74 No. of Claims: 17

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING ELECTRICAL POWER FROM A FLOWING CURRENT OF FLUID

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F03B17/06,E02B9/08,F03B13/12 :61/372775 :11/08/2010 :U.S.A.	(71)Name of Applicant: 1)JUPITER HYDRO INC. Address of Applicant: 404 51st Avenue SW Calgary Alberta T2V 0A1 Canada
(86) International Application No Filing Date	:PCT/CA2011/050492 :11/08/2011	(72)Name of Inventor : 1)SINCLAIRE Ross
(87) International Publication No	:WO 2012/019307	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A helical turbine is operatively connected to at least one generator system for generating electrical power. System performance is optimized by controlling the operative angle between the longitudinal axis of the turbine and the direction of the current flow and by controlling a pitch ratio of the turbine. A pair of turbines arranged in V shape each at the operative angle from a neutral centerline provides symmetry and counteracts reactive torque. For wind operations the V shape is freely rotatable into the wind. For bi directional tidal operations the V shape is part of a buoyant structure positioned in the current and anchored to the floor. The structure is fit with control surfaces to ensure the system orientation. In unidirectional currents one or more turbines can be angled downwardly into the current at the operative angle elevators ensuring the angle is maintained.

No. of Pages: 52 No. of Claims: 21

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ENHANCED RACH DESIGN FOR MACHINE TYPE COMMUNICATIONS

(51) International :H04W4/00,H04W8/08,H04W24/02 classification

:NA

(31) Priority Document No :61/370555

(32) Priority Date :04/08/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CN2011/078021

:04/08/2011

Filing Date

(87) International Publication: WO 2012/016538 No

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

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

Filing Date

(71)Name of Applicant: 1)MEDIATEK INC.

Address of Applicant :No. 1 Dusing Road 1 Science Based

Industrial Park Hsin Chu Taiwan 300 China

(72)Name of Inventor:

1)LIN Guan Yu 2)WEI Hung Yu 3)CHEN Yih Shen

4)HSU Chia Chun

(57) Abstract:

An adaptive RACH operation is proposed for machine type communications (MTC) in a 3GPP wireless network. The adaptive RACH operation is based on context information to reduce RACH collision probability to control network overload and to enhance system performance. The context information includes device related information and network related information. Device related information includes device type and service or application type. Network related information includes network load information and historical statistics information. Based on the context information an MTC device adjusts various network access and RACH parameters by applying adaptive RACH operation in different levels. For example in the application level and the network level the MTC device adjusts its access probability or RACH backoff time for RACH access. In the radio access network (RAN) level the MTC device adjusts its access probability or RACH backoff time or transmits RACH preambles using adjusted RACH radio resources and preambles.

No. of Pages: 25 No. of Claims: 24

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: HYDROMETHANATION OF CARBONACEOUS FEEDSTOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C10L3/08 :61/374847 :18/08/2010 :U.S.A. :PCT/US2011/048033 :17/08/2011 :WO 2012/024369	(71)Name of Applicant: 1)GREATPOINT ENERGY INC. Address of Applicant: 222 Third Street Suite 2163 Cambridge MA 02142 U.S.A. (72)Name of Inventor: 1)SIRDESHPANDE Avinash
(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 steam integrated and heat integrated process for preparing gaseous products and in particular methane and/or other value added gaseous products such as hydrogen via the hydromethanation of non gaseous carbonaceous feedstocks in the presence of steam carbon monoxide hydrogen oxygen and a hydromethanation catalyst.

No. of Pages: 52 No. of Claims: 10

(22) Date of filing of Application :13/08/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: REAL-TIME STRESS DETERMINATION OF AN INDIVIDUAL

(51) International classification	:A61B5/00	(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
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAYARAMAN Srinivasan
(87) International Publication No	: NA	2)KUMAR Kriti
(61) Patent of Addition to Application Number	:NA	3)PURUSHOTHAMAN Balamuralidhar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a computer implemented method for real time determination of stress levels of an individual. The method includes receiving at least one stream of physiological data from at least one primary sensor for a predetermined duration, and preprocessing the at least one stream of physiological data to extract physiological parameters, where the preprocessing includes performing a preliminary analysis on the at least one stream of physiological data. The method further includes determining a stress level of the individual based on at least the physiological parameters, wherein the determining comprises performing a statistical analysis on the physiological parameters.

No. of Pages: 28 No. of Claims: 22

(21) Application No.334/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: A SELF RELEASABLE SAFETY BELT

(51) International classification	:B62J27/00,A62B35/00	(71)Name of Applicant :
(31) Priority Document No	:2011009743	1)GREEN 5 HOLDING PTE LTD
(32) Priority Date	:10/02/2011	Address of Applicant :No 79 Kaki Bukit Ave 1 Shunli Ind
(33) Name of priority country	:Singapore	Park Singapore 417952
(86) International Application No	:PCT/SG2011/000200	(72)Name of Inventor:
Filing Date	:30/05/2011	1)CHEN Weng Onn
(87) International Publication No	:WO 2012/108837	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is pertaining to a self releasable safety belt (1) for a motorcycle or equivalent vehicles characterised by a strap (2) including a first end and a second end a retractor (3) receiving the first end of said strap (2) for stowing and locking the strap (2) a detachable joint (4) coupling the first end of said strap (2) to the rear of the vehicles a male connector (7) coupled to the second end of said strap (2) a female connector (8) including a pair of releasing devices (9) a mounting device (10) coupling the female connector (8) to the rear of the vehicles and a U bracket (11) affixed on the mounting device (10) and having two arms (12) protruded towards the pair of releasing devices (9). The male connector (7) is ejected from the female connector (8) when the releasing devices (9) contact the arms (12) with force. Said safety belt (1) is able to hold the wearer in place and self releasable and detachable to disentangle the wearer when the vehicle falls from an upright position to the left or right side after an abrupt halt or impact.

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

(21) Application No.379/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : FUEL AND COMBUSTIBLE MIXTURE USED AS A SUBSTITUTE FOR FOSSIL FUELS IN THERMOELECTRIC POWER PLANTS INDUSTRIAL AND CENTRAL HEATING FURNACES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:08/09/2010 :WO 2012/032363 :NA :NA	(71)Name of Applicant: 1)COR BREVIS D.O.O. Address of Applicant: Bednjanska 12 HR 10000 Zagreb Croatia (72)Name of Inventor: 1)COSIC Drago
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Present Invention discloses new combustible mixture and fuel which during burning releases energy 15 times greater than that of lignite and 45 times than that of coke. The combustible mixture consists of the liquid and solid phases where the solid phase comprises: aluminium powder; at least one MX where M can be any metal in oxidation state +2 and X can be any halogen; MCO where M can be any two valent metal; zinc ammonia chloride SiO in the form of quartz sand; and quick lime; whereas the liquid matter comprises: at least one C to C carboxylic acid or at least one anhydride of the mentioned carboxylic acids or at least one its ester or amide; methylcellulose; and formaldehyde or its commercially accessible solution formalin; and water. Fuel is made when the combustible mixture is hermetically closed in a container. The Invention also presents both the energy production method and the use of the invented fuel.

No. of Pages: 21 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ACHIEVING FLEXIBLE BANDWIDTH USING VARIABLE GUARD BANDS

(51) International classification:H04L 27/26(31) Priority Document No:60/731,028(32) Priority Date:27/10/2005(33) Name of priority country:U.S.A.

(33) Name of priority country :U.S.A.
(86) International Application No Filing Date :27/10/2006

(87) International Publication No :WO/2007/050921

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

(62) Divisional to Application Number :855/MUMNP/2008 Filed on :29/04/2008 (71)Name of Applicant:

1)OUALCOMM INCORPORATEDS

(21) Application No.335/MUMNP/2013 A

Address of Applicant :ATTN: INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, U.S.A.

(72)Name of Inventor:

1)KHANDEKAR, AAMOD

2)PALANKI, RAVI

(57) Abstract:

Techniques to flexibly support different bandwidths in a wireless communication system are described. The system supports a configurable operating bandwidth using a fixed design bandwidth and variable guard bands. Values for various parameters such as fast Fourier transform (FFT) size, cyclic prefix length, and sample rate may be selected based on the design bandwidth. The design bandwidth may be associated with K total subcarriers. Different operating bandwidths may be supported by selecting different numbers of usable subcarriers. A transmitter and a receiver may perform processing for a transmission using the same FFT size, cyclic prefix length, and sample rate regardless of the selected operating bandwidth. The system may use different operating bandwidths and/or different parameter values (e.g., FFT sizes) for different portions of a transmission, e.g., a preamble and a main body of the transmission.

No. of Pages: 30 No. of Claims: 21

(22) Date of filing of Application :24/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: BIODEGRADABLE ROBOT GUITAR AND MUSICAL PLECTRUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G10D1/08, A63H13/04 :SP23009 :30/07/2009 :Bolivia :PCT/IB2010/002141 :26/07/2010	(71)Name of Applicant: 1)IBA'EZ VIGNOLO Carlos Alberto Address of Applicant :Av. Larco N° 101 Dp 205 Miraflores Lima 18 PERU (72)Name of Inventor: 1)IBA'EZ VIGNOLO Carlos Alberto
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/013000 :NA :NA :NA :NA	

(57) Abstract:

The invention relates to a robot in the form of a guitar the ends thereof resembling a human. The robot can play music by touching the strings forming part of the structure of the guitar. Both the robot guitar and the plectrum used by same to pluck the strings are biodegradable.

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

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: POWER CONSERVATION IN WIRELESS CLIENT TERMINALS USING PROXY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W52/02 :12/883489 :16/09/2010 :U.S.A. :PCT/US2011/051738	(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:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:15/09/2011 :WO 2012/037332 :NA :NA	1)LEE Jangwon 2)AWONIYI Olufunmilola O. 3)DAS Soumya 4)SOLIMAN Samir S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A novel power conservation scheme is provided for conserving power in client terminals by using a proxy server. The client terminal may have a secondary communication interface for short range communications and a primary communication interface for long range communications with an access point for a wireless network. To conserve power the client terminal may power down its primary communication interface without informing the access point. The access point assumes the primary communication interface is still active. Prior to shutting off its primary communication interface the client terminal may assign an external proxy device to act as a proxy and monitor its data channel with the access point. The proxy device monitors the data channel(s) for the client terminal via a primary communication interface. If the proxy device detects a data message for the client terminal it forwards the data message to the client terminal via a secondary communication interface.

No. of Pages: 45 No. of Claims: 56

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MOBILE DEVICE HAVING INCREASED SECURITY THAT IS LESS OBTRUSIVE

(51) International classification :H04L29/06,H04W12/06 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM Incorporated :12/858340 (32) Priority Date Address of Applicant : Attn: International IP Administration :17/08/2010 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/048136 (72)Name of Inventor: 1)FORUTANPOUR Babak Filing Date :17/08/2011 (87) International Publication No :WO 2012/024436 2)MOMEYER Brian (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is an apparatus and method for a mobile device to provide increased security that is less obtrusive. A mobile device includes a display device a user interface and a processor. The processor may be configured to execute instructions to: implement a monitoring function to monitor the operation of the mobile device and to implement a plurality of monitor functions; and implement an authentication process to compare the plurality of monitor functions to a time period to determine an authentication value wherein if the authentication value exceeds a threshold a lock screen is implemented on the display device and a user is required to enter a valid passcode through the user interface for authentication. Each monitor function may be associated with a pre determined weight such that different monitor functions are given different priorities.

No. of Pages: 35 No. of Claims: 64

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: APPARATUS AND METHOD FOR STRUCTURAL REPAIR OF PIPES SUBMERGED IN A FLUID

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:P201031150	1)DE LA TORRE UGARTE DEL CASTILLO Luis Fidel
(32) Priority Date	:26/07/2010	Address of Applicant :Comandante Zorita 55 1° C E 28020
(33) Name of priority country	:Spain	Madrid Spain
(86) International Application No	:PCT/ES2011/070523	(72)Name of Inventor:
Filing Date	:15/07/2011	1)DE LA TORRE UGARTE DEL CASTILLO Luis Fidel
(87) International Publication No	:WO 2012/013847	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus and method for structural repair of pipes submerged in a fluid comprising a housing (1) with two portions (2) that are connected to one another and secured to a pipe (5) by end flanges (3) creating a sealed chamber (6) between the housing (1) and the pipe (5) with means for emptying the water from the sealed chamber that can be activated after said sealed chamber (6) has been created and pipe repair means provided in the sealed chamber (6) that can be activated after the water has been emptied from the sealed chamber. It also has first means for sliding the housing over the pipe to a point requiring repair and carrying out the repair and second sliding means for getting round any obstacles on the pipe. The invention also relates to a method for carrying out the repair on the pipe using the apparatus.

No. of Pages: 52 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :20/02/2013 (43) Pub

(21) Application No.337/MUMNP/2013 A

(43) Publication Date : 09/05/2014

(54) Title of the invention: GEAR GRINDING MACHINE

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:2010199455	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:07/09/2010	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2011/069138	(72)Name of Inventor :
Filing Date	:25/08/2011	1)KATSUMA Toshifumi
(87) International Publication No	:WO 2012/032941	2)WATANABE Kunihiro
(61) Patent of Addition to Application	:NA	3)KIKUCHI Toshimasa
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a gear grinding machine which can dress a grinding stone while a gear is held attached to the machine regardless of the size of the gear. To this end the gear grinding machine (1) engages and mutually rotates a work (W) and the grinding stone (17) to thereby grind the work (W) wherein the gear grinding machine is equipped with a turning table (22) which holds the work (W) and rotates around a work rotating shaft (C) and a pivot table (31) which is pivotably supported around the work rotating shaft (C); and a dresser (40) which is capable of dressing the grinding stone (17) and provided on the pivot table (31) the pivot table (31) being pivoted to move the dresser (40) between a dressing position (D1) and a retreat position (D2).

No. of Pages: 25 No. of Claims: 4

(21) Application No.358/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : DISCHARGE VALVE ASSEMBLY FOR TWO STROKE ENGINE PROVIDED WITH COOLING NON CONTACTING SEAL AND SELF CLEANING

(51) International classification :F01L7/12,F02B33/04,F01L7/02 | (71) Name of Applicant: (31) Priority Document No 1)E2F DI ESPOSTI FEDERICI ETTORE :AN2010A000130 (32) Priority Date :28/07/2010 Address of Applicant: 2 Via Amendola I 06039 Trevi (PG) (33) Name of priority country :Italy (86) International Application No: PCT/EP2011/062931 (72)Name of Inventor: Filing Date :27/07/2011 1)ESPOSTI FEDERICI Ettore (87) International Publication No: WO 2012/013715 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A discharge valve assembly (100) for two stroke internal combustion engine (200) is disclosed comprising a cylindrical shutter (7) revolvingly mounted into a housing (5). A canal (8) is left between the external surface of the shutter (7) and the internal surface of the housing (5) to avoid contact between surfaces and ensure valve seal.

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

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: TOOL FOR MILLING BONE TISSUE ESPECIALLY FOR SINUS LIFTING ACCORDING TO THE SUMMERS TECHNIQUE OR FOR POSITIONING EXTRA SHORT IMPLANTS

(51) International classification (31) Priority Document No	:P 201001225	(71)Name of Applicant: 1)BIOTECHNOLOGY INSTITUTE I MAS D S.L.
(32) Priority Date(33) Name of priority country	:24/09/2010 :Spain	Address of Applicant :San Antonio 15 5° E 01005 Victoria Spain
(86) International Application No	:PCT/ES2011/000275	(72)Name of Inventor:
Filing Date	:16/09/2011	1)ANITUA ALDECOA Eduardo
(87) International Publication No	:WO 2012/038563	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a tool for milling bone tissue advantageous in that it has a cutting tip having a flat effective shape that prevents perforation of the Schneider membrane or injury of the dental nerve when milling is carried out close thereto. The tool is arranged along a longitudinal axis (7) and comprises a non cutting main body (1) a shaped area (2) for holding the bone and a cutting tip (3) said area comprising cutting knives (4) each of which is provided with a front cutting edge (5) substantially perpendicular to the longitudinal axis (7) and a lateral cutting edge (6) substantially forming an angle of between 0 and 10° with the longitudinal axis (7). Spaces for receiving the bone are created between the cutting knives (4) said spaces communicating with the shaped area (2).

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: ALTERNATING MAGNETIC FIELD RESISTANT MANGANIN CURRENT DIVIDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01R11/02 :201110231609.6 :12/08/2011 :China :PCT/CN2012/078382 :09/07/2012 :WO 2013/023504 :NA :NA	(71)Name of Applicant: 1)ZHEJIANG YONGTAILONG ELECTRONIC CO. LTD. Address of Applicant :No. 8 Kangding Road Economic Development Zone Wutong Street Tongxiang Zhejiang 698859 China (72)Name of Inventor: 1)ZHU Yonghu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An alternating magnetic field resistant manganin current divider belongs to the field of instruments and relates to a current divider of ampere meters. The alternating magnetic field resistant manganin current divider mainly comprises a manganin resistor two wiring bodies connected to two sides of the manganin resistor respectively two sampling points located on the wiring bodies at the two sides of the manganin resistor respectively two sampling lines connected to the two sampling points respectively a reference point located on one of the wiring bodies and a reference line connected to the reference point. After crossing the manganin resistor one of the sampling lines is twisted with the other one of the sampling lines to extend and the former sampling line divides the manganin resistor into two regions having the same area. The alternating magnetic field resistant manganin current divider generates an induced voltage on the sampling line crossing the manganin resistor according to the Faraday's law of electromagnetic induction when being interfered by an external alternating magnetic field the induced voltage offsetting an induced voltage generated on the manganin resistor thereby preventing the interference of the alternating magnetic field on the current divider. The present invention has a simple structure and is easy to implement.

No. of Pages: 18 No. of Claims: 26

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: IMPLANT EXPANDER FOR EXPANDING THE JAWBONE CREST

(51) International classification	:A61C8/00,A61B17/66	(71)Name of Applicant:
(31) Priority Document No	:P 201001258	1)BIOTECHNOLOGY INSTITUTE I MAS D S.L.
(32) Priority Date	:30/09/2010	Address of Applicant :San Antonio 15 5° E 01005 Vitoria
(33) Name of priority country	:EPO	Spain
(86) International Application No	:PCT/ES2011/000286	(72)Name of Inventor:
Filing Date	:22/09/2011	1)ANITUA ALDECOA Eduardo
(87) International Publication No	:WO 2012/042071	
(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 method for expanding the jawbone crest (1) so that it can receive a final dental implant (4) the expansion of the bone crest (1) being carried out using an expander implant that is a biocompatible and osteoconductive part with an expanding purpose. The use of the expander implant (3) to widen the bone crest (1) has an important effect in that said implant is used as a support for the bone thereby stimulating the consolidation of the fracture of the bone crest (1) and the formation of bone around said implant. For this reason the bone generated around the expander implant (3) is of high quality. The invention also relates to the optional correction of the angulation of the alveolus during the widening so that the final dental implant (4) and the corresponding dental prosthesis remain adequately oriented. The invention further relates to a specific expander implant design (3).

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

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CODING AND DECODING A TRANSIENT FRAME

(51) International classification	:G10L19/02,G10L19/14	(71)Name of Applicant:
(31) Priority Document No	:61/382460	1)QUALCOMM INCORPORATED
(32) Priority Date	:13/09/2010	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/US2011/051039	(72)Name of Inventor:
Filing Date	:09/09/2011	1)KRISHNAN Venkatesh
(87) International Publication No	:WO 2012/036988	2)KANDHADAI Ananthapadmanabhan Arasanipalai
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic device for coding a transient frame is described. The electronic device includes a processor and executable instructions stored in memory that is in electronic communication with the processor. The electronic device obtains a current transient frame. The electronic device also obtains a residual signal based on the current transient frame. Additionally the electronic device determines a set of peak locations based on the residual signal. The electronic device further determines whether to use a first coding mode or a second coding mode for coding the current transient frame based on at least the set of peak locations. The electronic device also synthesizes an excitation based on the first coding mode if the first coding mode is determined. The electronic device also synthesizes an excitation based on the second coding mode if the second coding mode is determined.

No. of Pages: 69 No. of Claims: 50

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: NOVEL COMPOUND ACCELERATING SECRETION OF HUMAN DERIVED ANTI MICROBIAL PEPTIDE METHOD FOR PREPARING SAME AND COMPOSITION HAVING SAME AS ACTIVE INGREDIENT

(51) International classification	:C07C233/46,A61K31/198	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NEOPHARM CO. LTD.
(32) Priority Date	:NA	Address of Applicant :928 Tamnip dong Yuseong gu Daejeon
(33) Name of priority country	:NA	305 510 Republic of Korea
(86) International Application No	:PCT/KR2010/005759	(72)Name of Inventor:
Filing Date	:27/08/2010	1)PARK Byoeung Deog
(87) International Publication No	:WO 2012/026639	2)BAE Jong Hwan
(61) Patent of Addition to Application	:NA	3)JEONG Se Kyoo
Number	:NA	4)GWAK Hyoung Sub
Filing Date	.NA	
(62) Divisional to Application Numbe	r :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel compound having an acceleration effect on the secretion of human defensin LL 37 which is a human derived anti microbial peptide a method for preparing same and a composition for accelerating the secretion of anti microbial peptide having same as an active ingredient and the compound and the composition using same of the present invention enhance the anti microbial effect and the immunity control effect that the anti microbial peptide has in the body by accelerating the secretion of the anti microbial peptide in the body. The composition having the compound as an active ingredient of the present invention accelerates the secretion of innate anti microbial peptide in the tissues and the organs in the body including the skin and can be administered through various courses including external application and oral administration overcomes the problem of safety the problem of resistant bacteria development and the limitations of administration courses in a conventional anti microbial agent and demonstrates effective anti microbial action.

No. of Pages: 39 No. of Claims: 8

(22) Date of filing of Application :10/09/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PORTABLE TOILET TENT WITH FOLDING ENCLOSURE

(51) International classification	:E04H1/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Khodke Kalyani Madhukar
(32) Priority Date	:NA	Address of Applicant :21 Vrindavan Adarsh Society Behind
(33) Name of priority country	:NA	Mahila Bank Indiranagar Nashik. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Khodke Kalyani Madhukar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a portable toilet assembly, which can be carried during travel or whenever there are outdoor activities and it is easy and quick to setup and fold thus can be used wherever required. The portable toilet tent includes an enclosure, an extending rod, a toilet seating assembly and bags. The enclosure is supported by a frame therein, wherein the frame is foldable. The extending rod is slidably disposed in an apex hinge of the frame, wherein pulling out the extending rod enables to increase width of the portable toilet tent. The toilet seating assembly detachably secured to a side of the frame, wherein the toilet seating assembly can be detached for use. The bags placed in side the enclosure for attaching to the toilet seating assembly for colleting waste.

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

(21) Application No.357/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MANUFACTURING METHOD FOR DRIED EARTHWORM POWDER

(51) International classification :A61K35/56,A61P3/06,A61P3/10 (71)Name of Applicant: (31) Priority Document No :2011087779 1)Well Stone Co. (32) Priority Date :11/04/2011 Address of Applicant: 6742 1 Tanochokou Miyazaki shi (33) Name of priority country Miyazaki 8891701 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/073017 1) ISHII Kazuyuki No :05/10/2011 Filing Date (87) International Publication :WO 2012/073593 (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 method for manufacturing dried earthworm powder containing high potency enzymes while removing harmful substances contained in the earthworm. The manufacturing method is characterised by: a live earthworm being brought into contact with a chloride of at least one metal selected from the group consisting of potassium sodium magnesium and calcium; followed by the live earthworm being brought into contact with a hydroxy carboxylic acid powder diluted with water to adjust to a pH of 2 5 and preserved for 3 180 minutes; and the live earthworm being washed with water and ground and the obtained ground material being freeze dried.

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

(21) Application No.417/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: BACK REST FOR A WEAVING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/07/2011 :WO 2012/031802 :NA :NA :NA	(71)Name of Applicant: 1)PICANOL Address of Applicant: Steverlyncklaan 15 B 8900 Ieper Belgium (72)Name of Inventor: 1)GEERARDYN Geert 2)MOERMAN Arnold
(62) Divisional to Application Number Filing Date	:NA :NA	
7 · · · ·		·

(57) Abstract:

A back rest for guiding warp threads (10) in a weaving machine with a back rest profile (2) provided of a guide section (11) for guiding warp threads (10) wherein the back rest (1) comprises a resilient force element (3) for supporting the back rest profile (2). The back rest profile (2) is arranged pivotable at a support point (7) and the location (13) of application of force (F2) by the resilient force element (3) on the back rest profile (2) is arranged between the support point (7) and the guide section (11) and is distanced from both the support point (7) and the guide section (11).

No. of Pages: 53 No. of Claims: 16

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: INPUT METHOD USING ALL OF THE FINGERS OF ONE HAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:1020100083008 :26/08/2010 :Republic of Korea	(71)Name of Applicant: 1)KANG Dong Koo Address of Applicant: Jamwonhanshin APT 3 701 Jamwon Dong 56 3 Seocho gu Seoul 137 796 Republic of Korea (72)Name of Inventor: 1)KANG Dong Koo
(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 method which in a device such as a mobile phone or a smartphone harmonizes the locations of input buttons with the motion and movement path of each finger of a user which enables the user to use all of the fingers of the hand holding the device to enable efficient and convenient input operations and the other hand to be free of the device which separates a screen area and a button area to ensure a maximum screen space size and which liberates the user from using a computer keyboard that restricts the posture of the user so as to provide health benefits to the user.

No. of Pages: 23 No. of Claims: 5

(21) Application No.366/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ORIENTED ELECTROMAGNETIC STEEL PLATE

(51) International classification: C23C22/00,B32B15/04,C21D8/12 (71)Name of Applicant:

:27/09/2011

(31) Priority Document No :2010217370 (32) Priority Date :28/09/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/005433

Filing Date

(87) International Publication :WO 2012/042854

(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)WATANABE Makoto

2)OKABE Seiji

3)TAKAMIYA Toshito

The present invention is capable of reducing iron loss when assembled on an existing transformer and capable of obtaining an oriented electromagnetic steel plate with excellent iron loss characteristics on existing transformers by controlling the film thickness (a (µm)) of an insulating coating in the bottom surface section of a linear groove the insulating coating film thickness (a (µm)) of the steel plate surface other than in the linear groove section and the depth of the linear groove (a (um)) such that formulas (1) and (2) are fulfilled. $0.3 \mu ma 3.5 \mu m + (1); a+a a 15 \mu m + (2).$

No. of Pages: 19 No. of Claims: 3

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: ENCODER APPARATUS AND ENCODING METHOD

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2010203657	1)PANASONIC CORPORATION
(32) Priority Date	:10/09/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501, Japan
(86) International Application No	:PCT/JP2011/004960	(72)Name of Inventor:
Filing Date	:05/09/2011	1)KAWASHIMA Takuya
(87) International Publication No	:WO 2012/032759	2)OSHIKIRI Masahiro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an encoder apparatus that can suppress the quality degradation of encoding processes and also can reduce the processing amount of the encoder apparatus in an encoding system in which the encoding process suitable for voice signals and the encoding process suitable for music signals are combined in a hierarchical structure. In the apparatus: an ultimate selection candidate limiting unit (109) uses the spectrum of an input signal and a residual spectrum to designate a given number of pre selected suppression factors to a CELP component suppressing unit (104); the CELP component suppressing unit (104) uses the designated suppression factors to generate a suppressed spectrum; a CELP residual signal spectrum calculating unit (105) to which the suppressed spectrum is input calculates a residual spectrum; a conversion encoding unit (110) uses the residual spectrum to performs a second encoding process; and a distortion evaluating unit (112) determines one of the designated suppression factors by use of the spectrum of a second decoded signal generated by decoding a second code obtained by the second encoding process and further by use of the suppressed spectrum and the spectrum of the input signal.

No. of Pages: 69 No. of Claims: 17

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : CONFIGURING ANTENNA ARRAYS OF MOBILE WIRELESS DEVICES USING MOTION SENSORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Printing Pates Application Number 	:02/09/2011 :WO 2012/033713 :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)HUSTED Paul J. 2)SMITH Jeffrey L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device and method for the real time motion detection and reconfiguration of an antenna array of a mobile wireless device is described. The mobile wireless device includes an antenna array for receiving and transmitting wireless signals a motion sensor coupled to the antenna array and a first circuitry coupled to the antenna array and the motion sensor. A change in orientation of the antenna array is detected by the motion sensor in real time and recognized by the first circuitry. The antenna array is reconfigured by the first circuitry in response to the detected change in orientation in an expeditious manner.

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

(21) Application No.323/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: EJECTOR SYSTEM FOR COLOR SORTER

(51) International :B07C5/36,B07C5/342,G01N21/85 classification

(31) Priority Document No :2010176736 (32) Priority Date :05/08/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/004134

:22/07/2011

Filing Date (87) International Publication :WO 2012/017611

No

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

(62) Divisional to Application :NA Number :NA

:NA

Filing Date

(71)Name of Applicant:

1)SATAKE CORPORATION

Address of Applicant: 7 2 Sotokanda 4 chome Chivoda ku

Tokyo 1010021 Japan (72)Name of Inventor:

1)YAMAGUCHI Haruyoshi

2)TAKAHASHI Naoto 3) IKEDA Nobuyoshi

(57) Abstract:

The purpose of the present invention is to provide an ejector system for a color sorter the ejector system having excellent cleaning and maintenance performance. An ejector system (8) for a color sorter eliminates particulate matter by air on the basis of the result of the detection of the particulate matter falling from an end of a transfer means (6) at a predetermined position and is characterized by being configured from a nozzle part (20) in which a plurality of air flow paths (27) that communicate with a plurality of nozzle holes (21) are formed and a manifold part (30) which is provided with a plurality of electromagnetic valves (35a 35b) that communicate with an air space (40) communicating with a compressed air source and in which a plurality of air flow paths (37) for supplying compressed air to the corresponding air flow paths (27) in the nozzle part (20) by the operation of the respective electromagnetic valves are formed the nozzle part (20) and the manifold part (30) being separably integrated while open surfaces of the air flow paths in the nozzle part (20) and open surfaces of the air flow paths in the manifold part (30) are brought into contact with each other.

No. of Pages: 30 No. of Claims: 6

(21) Application No.345/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DISPOSABLE SKIN CARE 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 	:A61N 5/06 ,A61B17/00 :1012294.3 :22/07/2010 :U.K. :PCT/GB2011/051181 :23/06/2011 :WO 2012/010861 :NA :NA	(71)Name of Applicant: 1)AMBICARE HEALTH LIMITED Address of Applicant: Kinburn Castle St Andrews Fife Fife KY16 9DR U.K. (72)Name of Inventor: 1)MCNEILL Andrew
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(57) Abstract:

There is herein described a disposable skin care device. More particularly there is described a disposable skin care device capable of forming part of a light emitting medical apparatus.

No. of Pages: 29 No. of Claims: 34

(19) INDIA

(22) Date of filing of Application :26/02/2013

(21) Application No.368/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: NEUROPROTECTIVE AND NEURO RESTORATIVE IRON CHELATORS AND MONOAMINE OXIDASE INHIBITORS AND USES THEREOF

(51) International :C07D215/26,C07D215/28,C07D215/32

:WO 2012/020389

classification

(31) Priority Document :61/373403

(32) Priority Date :13/08/2010 (33) Name of priority

country

:U.S.A. (86) International :PCT/IB2011/053590

Application No

:12/08/2011 Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)VARINEL INC

Address of Applicant :929 South High Street Suite 159 West

Chester Pennsylvania 19382 U.S.A.

(72)Name of Inventor:

1)ZURAWSKI JR Vincent R.

2)STOUT David M. 3)NITZ Theodore J. 4)YOUDIM Moussa B.H. 5)WEINREB Orly

(57) Abstract:

8 Hydroxy quinoline derivatives and 8 ethers 8 esters 8 carbonates 8 acyloxymethyl 8 phosphates (phosphoryloxy)methyl and 8 carbamates derivatives thereof are described that exhibit iron chelation neuroprotective neurorestorative apoptotic and/or selective MAO AB inhibitory activities.

No. of Pages: 72 No. of Claims: 25

(21) Application No.444/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: TEXT BASED 3D AUGMENTED REALITY

(51) International classification	:G06K9/32,G06K19/00	(71)Name of Applicant:
(31) Priority Document No	:61/392590	1)QUALCOMM INCORPORATED
(32) Priority Date	:13/10/2010	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/US2011/055075	(72)Name of Inventor:
Filing Date	:06/10/2011	1)KOO Hyung II
(87) International Publication No	:WO 2012/051040	2)LEE Te Won
(61) Patent of Addition to Application	:NA	3)YOU Kisun
Number	:NA	4)BAIK Young Ki
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A particular method includes receiving image data from an image capture device and detecting text within the image data. In response to detecting the text augmented image data is generated that includes at least one augmented reality feature associated with the text.

No. of Pages: 53 No. of Claims: 38

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : MACHINE ACTUATED AND REMOVABLE SAFETY CLOSURE WITH ANTI ROTATION AND MACHINE RELEASED HOLDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11/04/2012 :WO 2013/022500 :NA	(71)Name of Applicant: 1)TDW DELAWARE INC. Address of Applicant:1100 Market Street Suite 780 Wilmington DE 19801 U.S.A. (72)Name of Inventor: 1)GRESH Brian M. 2)WILSON Buddy A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved machine actuated removable safety closure made according to this invention includes a latch and central hub combination which permits a plug holder to self align with the drive holes of the closure s cam plate so that an operator can retrieve the closure without having to lean directly over it. A bypass valve interferes with the cam plate when the bypass is in its closed position. This interference prevents the cam plate from actuating the locking leaves. Anti rotation slots located on the plug body and the flange of the tubular member interlock and prevent rotation of the plug body beyond a certain rotational window during the setting process and when the plug body is in its final sealing position. The latch along with means to secure the plug holder to the boring bar allows the holder to be retrieved from the set plug.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MEASUREMENT OF ANGULAR ORIENTATION OF AEROSPACE PLATFORMS

(31) Priority Document No :207536 (32) Priority Date :11/08/2010 (33) Name of priority country :Israel I	(71)Name of Applicant: 1)ISRAEL AEROSPACE INDUSTRIES LTD. Address of Applicant: Ben Gurion International Airport 70100 Lod Israel (72)Name of Inventor: 1)SHALTIEL Rabin 2)KAHANE Allan
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(57) Abstract:

A method and system are presented for use in determination of the orientation of an aerospace platform with respect to a first rotation axis. A direction of a rotation rate vector of said aerospace platform within a lateral plane intersecting with said first rotation axis is measured and the measured data is analyzed to determine an orientation angle of said aerospace platform about said first rotation axis. The measurement of the direction of the rotation rate vector comprises the following: A predetermined dynamic state movement of said aerospace platform with respect to an external reference frame is provided said predetermined dynamic state movement being characterized by a certain direction of the rotation rate of the platform in said lateral plane and/or of any time derivative thereof associated with a certain known direction within said external reference frame. While the aerospace platform is in said predetermined dynamic state movement said certain direction is determined by measuring a direction of the rotation rate of the aerospace platform within said lateral plane by a sensor assembly mounted on said platform and comprising at least one rotation rate sensor. An orientation of the platform with respect to said first axis is determined by determining a relation between said certain direction and said known direction within said external reference frame.

No. of Pages: 44 No. of Claims: 37

(21) Application No.372/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: COMPRESSOR INTAKE MIXER SYSTEM

(51) International :F02B29/02,F02M35/10,F02B33/32 classification

(31) Priority Document No :2537/MUM/2010

(32) Priority Date :14/09/2010 (33) Name of priority country: India

(86) International Application :PCT/US2011/050007

:31/08/2011 Filing Date

(87) International Publication :WO 2012/036909

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) CUMMINS INC.

Address of Applicant :500 Jackson Street Columbus Indiana

47201 U.S.A.

(72)Name of Inventor:

1)KHEDEKAR Prasad Ramdas

(57) Abstract:

A compressor intake mixer system for internal combustion gas engines having a compressed charge bypass system comprises a bypass charge and fuel pre mixer connected in line with the charge bypass system to reduce pressure gradient between the high pressure bypass charge and the low pressure fuel. A single volume main mixer is connected to the compressor inlet downstream of the pre mixer to mix the flow of premixed charge and air and provide a mixed gas to the compressor inlet. Thus a need for a separate volume for a fuel mixer and a bypass mixer is eliminated and a single volume is provided at the compressor inlet. The locational constraint of necessarily locating the volumes at the compressor inlet is also obviated by providing a pre mixer.

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

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SUPPORT APPARATUS FOR UNDERWATER POWER GENERATOR AND METHOD FOR DEPLOYMENT

(51) International classification: E02D27/52,E02B9/08,E02D27/42 (71) Name of Applicant: (31) Priority Document No 1)ATLANTIS RESOURCES CORPORATION PTE :2010903577 :10/08/2010 (32) Priority Date LIMITED (33) Name of priority country :Australia Address of Applicant :65 Niven Road Republic of Singapore (86) International Application 228414 Singapore :PCT/AU2011/001009 (72)Name of Inventor: :09/08/2011 Filing Date 1)BLAXLAND Drew (87) International Publication 2)COLLIER David :WO 2012/019224 No 3)WARD John (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A support apparatus for support of an underwater power generator is described. The underwater power generator has a power generating portion and the support apparatus includes: a stand adapted for supporting the power generating portion and comprises a stabiliser including one or more stabilising footing elements adapted to mount one or more monolithic ballast masses; wherein the one or more stabilising footing elements includes a locating region adapted to cooperate with a locating region of the monolithic ballast mass so that the support apparatus in use is weighted down in a selected position on a sea bed. Ballast masses are also described as are methods for installing the support apparatus and methods for installing power generators on the support apparatus.

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

(22) Date of filing of Application :29/12/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: AN EXHAUST MUFFLER AND METHOD OF ASSEMBLING THEREOF

(51) International classification	:F01N 1/16	(71)Name of Applicant: 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Sanjoy Biswas
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 disclosure relates to exhaust muffler, comprising muffler body, front end cover, inlet pipe connected to front end cover, intermediate pipes offset to inlet pipe, middle baffle positioned adjacent to intermediate pipes; and an outlet pipe connected to rear end cover. The muffler is configured into three chambers, separated by front baffle, middle baffle and rear baffle. Third chamber is resonative cum absorptive chamber, having small amount of glass wool or ceramic wool. Muffler is environment friendly as there is less chance of coming out of burnt glass wool or ceramic wool through outlet pipe to environment because of placement position of glass wool or ceramic wool inside muffler and its quantity (very less). Total muffler volume is reduced by 25-26% than existing mufflers, due to reduction in length of muffler. Muffler is approximately 40% less in weight than existing mufflers and help to improve handling and packaging.

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

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ELECTRICAL HEATING COAL MATERIAL DECOMPOSITION DEVICE

(51) International :C10B53/04,C10B19/00,C10B57/10 classification

(31) Priority Document No :201010262809.3 :16/08/2010 (32) Priority Date

(33) Name of priority country: China

(86) International Application :PCT/CN2010/076973

:15/09/2010 Filing Date

(87) International Publication: WO 2012/022057

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)XIXIA DRAGON INTO SPECIAL MATERIAL CO. LTD

Address of Applicant : Industrial Road 88 Xixia Nanyang

Henan 474500 China (72)Name of Inventor: 1)ZHU Shucheng 2)WANG Xibin 3)HUANG Xiangyun

4)CAO Guochao

5)LIU Wei

(57) Abstract:

An electrical heating coal material decomposition device includes a closed kiln (1) with a feed inlet (2) and a discharge outlet (3). An electrical heating mechanism (4) is arranged in the kiln (1). A propulsion and decomposition path of coal material (10) is formed between the electrical heating mechanism (4) and the inner wall of the kiln (1). A collecting tube of decomposed gas (5) from coal which is connected with the propulsion and decomposition path of coal material (10) is arranged on the kiln (1). The collecting tube of decomposed gas (5) is connected with a gas dust catching and liquefying mechanism (8) which is arranged outside the kiln (1). The electrical heating mechanism (4) is rotary relative to the kiln (1). A rotating propulsion mechanism (6) is arranged on the inner wall of the kiln (1). The electrical heating mechanism (4) conducts mass of produced heat to the coal powder inside the propulsion and decomposition path of coal material (10). The coal powder absorbs heat sufficiently to rise in temperature. It is decomposed to fuel gas tar gas and coal with high heat value inside the propulsion and decomposition path of coal material (10). The fuel gas and tar gas enter the gas dust catching and liquefying mechanism (8) through the collecting tube of decomposed gas (5). The decomposed fuel gas and tar gas are collected dust caught separated and liquefied.

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

(22) Date of filing of Application :08/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : DISPLACEMENT RESISTANT MICROELECTRODE MICROELECTRODE BUNDLE AND MICROELECTRODE ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61N1/05 :10008621 :25/08/2010 :Sweden :PCT/EP2011/064641 :25/08/2011 :WO 2012/025596 :NA :NA :NA	(71)Name of Applicant: 1)NEURONANO AB Address of Applicant: Pirgatan 13 S 374 53 Karlshamn Sweden (72)Name of Inventor: 1)SCHOUENBORG Jens 2)LIND Gustav 3)HIRST Christopher 4)CLEMENTZ Larske
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(57) Abstract:

A medical microelectrode has a front end a rear end and a density at 20 °C of from 0.80 to 1.15. The electrode comprises any of: electrically conductive tubiform lead com prising or consisting of a metal and/or an electrically conductive polymer the lead having an outer surface and a sealed lumen; electrically conductive wire lead comprising or consisting of a metal and/or an electrically conductive polymer the lead having a surface and a buoyant element of a density of less than 1.0 attached to the surface.

No. of Pages: 32 No. of Claims: 29

(21) Application No.221/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: TEXTILE MACHINE

(51) International classification	:D01H13/32,B65H63/00	(71)Name of Applicant:
(31) Priority Document No	:10 2010 034 971.2	1)OERLIKON TEXTILE GMBH & CO. KG
(32) Priority Date	:20/08/2010	Address of Applicant :Leverkuser Strasse 65 42897
(33) Name of priority country	:Germany	Remscheid Germany
(86) International Application No	:PCT/EP2011/003988	(72)Name of Inventor:
Filing Date	:10/08/2011	1)IDING Michael
(87) International Publication No	:WO 2012/022441	2)THEELE Bernd R ¹ / ₄ diger
(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 textile machine (1) in particular a bobbin winder having a multiplicity of workstations (2) with functional means for carrying out operating functions means (44 45 15) for monitoring the production process during the production and means (54 47) which are configured for determining a deviation from a desired production process. According to the invention sequences can be carried out at a workstation (2) for automatically checking functional means and means (41) are configured for triggering previously fixed sequences as a function of the determined deviations for automatically checking at least one functional means of a workstation (2) in the case of a production interruption wherein there are display means (51) and means (60) for transmitting the result of the check to the display means and the result of the check can be read off on the display means (51).

No. of Pages: 23 No. of Claims: 8

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: AUTOMATIC VEHICLE INSURANCE CLAIMS PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q40/00, G06Q10/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building 9th Floor Nariman Point Mumbai 400021 Maharashtra India (72)Name of Inventor: 1)PAL Arpan
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	2)SINHA Aniruddha 3)CHATTOPADHYAY Tanushyam 4)VISVANATHAN Aishwarya
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)PURUSHOTHAMAN Balamuralidhar 6)SESHADRI Guruprasad

(57) Abstract:

Systems and methods for automatic processing of vehicle insurance claims are described. In one aspect, the method includes extracting a first ID of a vehicle from at least one vehicle ID image by optical character recognition (OCR), determining a second ID of the vehicle from a voice ID input by speech recognition and correcting the first ID based on the second ID to obtain a corrected vehicle ID of the vehicle. Further, the vehicle ID image, at least one vehicle body image, the corrected vehicle ID, and the voice ID input are transmitted to a claims processing system (102) for damage assessment and automatic insurance claim processing.

No. of Pages: 23 No. of Claims: 13

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: NON STICK FLAT CIRCULAR ROLLING BOARD (NON STICK CHAKLA).

(51) I	A 22 C 2 / 5 A	(71)NJ 6 A 19 A
(51) International classification	:A23G3/54	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AJAY V. PRASAD
(32) Priority Date	:NA	Address of Applicant :M/S. PRIME INDUSTRIES, GALA
(33) Name of priority country	:NA	NO. 12, BLDG. NO. 6, AGARWAL UDYOG NAGAR, WALIV,
(86) International Application No	:NA	NEAR GOLANI NAKA, VASAI(E), THANE, 401208.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AJAY V. PRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A substantially Non Stick Coated Flat Circular Rolling Board (Non Stick Chakla) having an Aluminium body and Four Supporting Hollow Cylindrical Legs or Stands welded on the rear side of the Aluminium Substrate which are inserted with Hollow Cylindrical shaped Rubber, wherein the base of the Non Skid Rubber is thick which gives support to the whole body and is Non-Slippery. The dough which is used to make Roti/Chapati can be distributed into smaller pieces or shreds. These pieces or shreds can be flatten over the Non Stick Chakla into circular or any desired shape with the help of Rolling Pin without getting it stick on the Non Stick Chakla. The said Non Stick Chakla is also provided with the High Temperature Resistance (HTR) Coating on the rear side of the Aluminium Substrate for easy cleaning. The said Kitchen Utensil is Unbreakable, Unscratchable, Rustproof, Hygienic, easy to Clean, Stable and Non Slippery.

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

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : NON ORIENTED ELECTRIC STEEL PLATE WITHOUT CORRUGATED FAULT AND PRODUCTION METHOD THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C22C38/06,C21D8/12,C21D8/02 :201010298965.5 :30/09/2010	(71)Name of Applicant: 1)BAOSHAN IRON & STEEL CO. LTD. Address of Applicant: No.885 Fujin Road Baoshan District
(33) Name of priority country	:China	Shanghai 201900 China
(86) International Application No Filing Date (87) International Publication No	:PCT/CN2011/072766 :14/04/2011 :WO 2012/041053	(72)Name of Inventor: 1)ZHANG Feng 2)CHEN Xiao 3)CAO Wei 4)SUN Yezhong
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)MA Changsong 6)ZHU Jianru 7)CHEN Zhuolei 8)LIU Xiandong

(57) Abstract:

Disclosed is a non oriented electrical steel plate without corrugated fault and production method thereof. The steel has the components as follows: C of not more than 0.005 wt% Si 1.2 2.2 wt% Mn 0.2 0.4 wt% P not more than 0.2 wt% S not more than 0.005 wt% Al 0.2 0.6 wt% N not more than 0.005wt% O not more than 0.005 wt% and balance Fe. A slab is obtained by pretreating molten iron smelting in converter RH refining and continuous casting wherein the second cooling water amount in continuous casting is controlled to keep the specific water capacity at the level of 100 190 l/min and the average degree of superheat of molten steel in continuous casting at 10 45. The slab is then subjected to heating and hot rolling wherein the tapping temperature is 1050 1150 and the temperature difference between any two points along the longitudinal direction is less than 25 during heating. The hot rolling includes rough rolling and finish rolling. Inlet temperature of the finish rolling is not less than 970. The final product of non oriented electrical steel plate is then obtained by acid pickling cold rolling annealing and coating. The present invention avoids corrugation faults by controlling the slab cooling rate in continuous casting the temperature difference of the slab along the longitudinal direction in heating furnace and the temperature drop of the slab before refine rolling.

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

(21) Application No.235/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: FLEXIBLE TUBE MANUFACTURING METHOD AND APPARATUS

(51) International :B21C37/12,B21C37/20,B21C37/26 classification

(31) Priority Document No :61/366285 (32) Priority Date :21/07/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2011/000520

:02/05/2011 Filing Date

(87) International Publication: WO 2012/009784

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)McMILLEN Paul

Address of Applicant :68 Healy Road Unit #8 Bolton Ontario

L7E 5A4 Canada (72)Name of Inventor: 1)McMILLEN Paul

(57) Abstract:

Apparatus for use with two or more supplies of strip metal comprises, for each supply, a strip feeder and a bending head, the feeder being adapted to receive metal from said each supply and deliver same to the head which is adapted to receive and curl metal from the feeder to produce a strip part encircling a central axis in a coiling manner. The heads and feeders are adapted such that the part axes are coincident and the parts are axially offset from one another, with axially adjacent parts being positioned relative to one another throughout their lengths to define a metal strip which encircles the coincident axes in a coiling manner, the metal strip defining a tubular arrangement which can be used at least for armor cable. The parts can have cross sections such that they interlock throughout their lengths and the strip interlocks with itself throughout its length.

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

(22) Date of filing of Application :30/09/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: PREDICTING PERFORMANCE OF A CALL CENTER

(51) International classification	:H04M 3/00	(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, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MATHEW Benny
Filing Date	:NA	2)NAMBIAR Manoj
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		1

(57) Abstract:

The present subject matter discloses a system and a method for predicting performance of a call center. In one implementation, the method for predicting performance of a call center comprises receiving details pertaining to at least one resource of the call center so as to generate at least one resource model representative of the at least one resource based on the received details. The method further comprises receiving at least one workflow parameter associated with the at least one resource model so as to generate at least one report indicative of the quality of service provided by the call center based on the at least one workflow parameter.

No. of Pages: 30 No. of Claims: 21

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: DI PEPTIDE DERIVATIVE FOR THE TREATMENT OF CANCER

(51) International :C07K5/06,A61K38/05,A61P35/00 classification

(31) Priority Document No :61/371904 (32) Priority Date :09/08/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2011/053502

:05/08/2011 Filing Date

(87) International Publication :WO 2012/020364 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)PIRAMAL ENTERPRISES LIMITED

Address of Applicant : Piramal Tower Ganpatrao Kadam Marg

Lower Parel Mumbai 400 013 Maharashtra India

2)ONCOTEST GMBH

(72)Name of Inventor:

1)DESHMUKH Sunil Kumar Jaiwant Rao

2)VEREKAR Shilpa Amit 3)MISHRA Prabhu Dutt

4)EYYAMMADICHIYIL Sreekumar Sankaranarayanan

5)JOSHI Kalpana Sanjay 6)FIEBIG Heinz Herbert 7) KELTER Gerhard

(57) Abstract:

This invention relates to purified compound of formula (1). The invention includes all isomeric forms and all tautomeric forms of the compound of formula (1) and pharmaceutically acceptable salts thereof. The present invention further relates to processes for the production of the compound of formula (1) by fermentation of the fungal strain of sterile mycelium (PM0509732/MTCC5544) and to pharmaceutical compositions containing the compound as active ingredient and its use in medicines for treatment of cancer.

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

(21) Application No.454/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 08/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: BEARING STEEL EXHIBITING EXCELLENT MACHINABILITY AFTER SPHEROIDIZING ANNEALING AND EXCELLENT RESISTANCE TO HYDROGEN FATIGUE AFTER QUENCHING/TEMPERING

(51) International classification: C22C38/00, C21D1/32, C22C38/38 (71) Name of Applicant: (31) Priority Document No :2010265527 (32) Priority Date :29/11/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/006545

:24/11/2011 Filing Date

(87) International Publication :WO 2012/073458

No

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

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

:NA

(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)HIRAI Yasumasa 2)UWAI Kiyoshi

Provided is a bearing steel that exhibits excellent machinability after spheroidizing annealing and excellent resistance to hydrogen fatigue after quenching/tempering. By using a steel composition containing by mass 0.85 1.10% carbon 0.30 0.80% silicon 0.90 2.00% manganese up to 0.025% phosphorus up to 0.02% sulfur up to 0.05% aluminum 1.8 2.5% chromium 0.15 0.4% molybdenum up to 0.0080% nitrogen and up to 0.0020% oxygen with the remainder comprising iron and unavoidable impurities the formation of WEA is effectively inhibited even in environments in which hydrogen penetrates and rolling fatigue life is thus improved. Machinability properties such as cutting and forging performance are also improved.

No. of Pages: 18 No. of Claims: 2

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : ACK/NACK TRANSMISSION FOR MULTI CARRIER OPERATION WITH DOWNLINK ASSIGNMENT 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 (62) Divisional to Application Number Filing Date 	:H04L1/18 :61/374210 :16/08/2010 :U.S.A. :PCT/US2011/047759 :15/08/2011 :WO 2012/024222 :NA :NA :NA	(71)Name of Applicant: 1)Qualcomm Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)CHEN Wanshi 2)ZHANG Xiaoxia 3)GAAL Peter 4)MONTOJO Juan 5)LOU Xiliang 6)LUO Tao 7)DAMNJANOVIC Jelena M. 8)DAMNJANOVIC Aleksandar
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(57) Abstract:

Techniques for acknowledging data transmissions in a multi carrier wireless communication network are disclosed. In one aspect a UE determines a number of acknowledgement/negative acknowledgement (ACK/NACK) bits for a data transmission on one more component carriers (CCs) based on information obtained from a grant. The grant may be a downlink grant or an uplink grant and the information obtained may include a number of CCs scheduled for data transmission and/or identifiers of the scheduled CCs. The UE may determine the number of ACK/NACK bits for acknowledging the data transmission based on the number of scheduled CCs and the identifier of each scheduled CC.

No. of Pages: 69 No. of Claims: 57

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: APERIODIC CHANNEL QUALITY INDICATOR REPORT IN CARRIER AGGREGATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/00 :61/374069 :16/08/2010 :U.S.A. :PCT/US2011/047569 :12/08/2011 :WO 2012/024180 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)CHEN Wanshi 2)DAMNJANOVIC Jelena M. 3)MONTOJO Juan 4)GAAL Peter
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(57) Abstract:

Techniques for reporting channel quality information (CQI) in a multi carrier wireless communication system are disclosed. In one aspect a user equipment determines one or more reporting groups each comprising a plurality of component carriers which are configured for the user equipment. The user equipment may detect a trigger from a base station that selects a reporting group and may respond to the trigger by sending CQI for at least the activated component carriers in the selected reporting group.

No. of Pages: 57 No. of Claims: 45

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : ADAPTIVE AUTOMATIC DETAIL DIAGNOSTIC LOG COLLECTION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (371) Name of Applicant: (71) Name of Applicant: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Applicant: (72) Name of Applicant: (72) Name of Applicant: (72) Name of Applicant: (73) Name of Applicant: (74) Name of Applicant: (74) Name of Applicant: (75) Name of Applicant: (76) Name of Applicant: (76) Name of Applicant: (77) Name of Applicant: (77) Name of Applicant: (77) Name of Applicant: (71) Name of Appli
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(21) Application No.464/MUMNP/2013 A

(57) Abstract:

Allow adaptive automatic detail diagnostic log collection for self diagnosis and auto recovery. In an embodiment a group communication server determines that a fault has occurred with a group communication between wireless communication devices. The group communication server determines a set of events to log based on the fault and instructs components that host the group communication to begin logging a set of events. Upon determining that logging the set of events can no longer be performed such as due to too high of a load within a component of the group communication the group communication server adapts the logging by logging a second set of events that will not cause too high a load and can dynamically when resources become available. In an embodiment a second event may be logged before a first event because no resources (CPU memory or buffer is in overflow or load is high at a node) are available for logging the first event now. Only after determining that the first event can be logged the logging begins for the first event.

No. of Pages: 43 No. of Claims: 57

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: WHOLE CELL BIOCATALYST

(51) International classification :C12N15/62,C12N9/02 (71)Name of Applicant : (31) Priority Document No :10 2010 035 702.2 1)ZYRUS BETEILIGUNGSGESELLSCHAFT MBH & CO. (32) Priority Date PATENTE I KG :27/08/2010 (33) Name of priority country Address of Applicant :Berliner Str. 1 12529 Schnefeld / :Germany (86) International Application No Waltersdorf Germany :PCT/EP2011/064760 (72)Name of Inventor: Filing Date :26/08/2011 (87) International Publication No :WO 2012/025628 1)JOSE Joachim (61) Patent of Addition to Application 2)MAAS Ruth :NA Number 3)KRANEN Eva :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.465/MUMNP/2013 A

(57) Abstract:

The invention relates to a nucleic acid molecule comprising a section that encodes a signal peptide a section that comprises a heterologous redox factor regenerating polypeptide an optional section that encodes a protease detection site a section that encodes a transmembrane linker and a section that encodes a transporter domain of an autotransporter or a variant thereof. The nucleic acid molecule enables the expression of redox factor regenerating enzymes.

No. of Pages: 43 No. of Claims: 15

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : BREEDING METHOD FOR TWO LINES HYBRID RICE BASED ON THE RICE OSMS4 GENE MUTANT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01H1/02,A01H1/06,C12N15/29 :201010237721.6 :27/07/2010 :China	(71)Name of Applicant: 1)SHANGHAI JIAOTONG UNIVERSITY Address of Applicant :No.800. DongChuan Road Minhang District Shanghai 200240 China
(86) International Application No Filing Date (87) International Publication No	:PCT/CN2010/079229 :29/11/2010 :WO 2012/012993	(72)Name of Inventor: 1)ZHANG Dabing 2)LIANG Wanqi 3)LUO Zhijing 4)CHEN Mingjiao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)YUAN Zheng 6)ZHANG Hui
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a breeding method for two lines hybrid rice based on the rice osms4 gene mutant comprising mutagenizing seeds of japonica cultivar 9522 with Co gamma ray backcrossing one male sterile mutant of mutagenized F2 progeny for three generations obtaining the rice plants having the osms4 gene mutant with stable inheritance which are regulated by recessive single gene then using the rice plants as male sterile line and maintainer line for two lines hybrid rice breeding under different illumination conditions.

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

(21) Application No.466/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DISTRIBUTED THERMOELECTRIC STRING AND INSULATING PANEL AND APPLICATIONS FOR LOCAL HEATING LOCAL COOLING AND POWER GENERATION FROM HEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L35/00 :61/403217 :13/09/2010 :U.S.A. :PCT/US2011/051227 :12/09/2011 :WO 2012/037031 :NA :NA	(71)Name of Applicant: 1)TEMPRONICS INC. Address of Applicant:5181 N. Stonehouse Place Tucson Arizona 85750 U.S.A. (72)Name of Inventor: 1)MAKANSI Tarek 2)BERMAN Michael 3)WOOD Steve 4)FRANKLIN John 5)EVERS Mark N.
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(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Inexpensive lightweight flexible heating and cooling panels with highly distributed thermoelectric elements are provided. A thermoelectric string is described that may be woven or assembled into a variety of insulating panels such as seat cushions mattresses pillows blankets ceiling tiles office partitions under desk panels electronic enclosures building walls refrigerator walls and heat conversion panels. The string contains spaced thermoelectric elements which are thermally and electrically connected to lengths of braided meshed stranded foamed or otherwise expandable and compressible conductor. The elements and a portion of compacted conductor are mounted within the insulating panel. On the outsides of the panel the conductor is expanded to provide a very large surface area of contact with air or other medium for heat absorption on the cold side and for heat dissipation on the hot side.

No. of Pages: 46 No. of Claims: 25

(21) Application No.467/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: LITHIUM ACCUMULATOR

(51) International :H01M10/02,H01M10/04,H01M10/052 classification

(31) Priority Document :PV2010703

(32) Priority Date :23/09/2010

(33) Name of priority :Czech Republic

country

(86) International :PCT/IB2011/054109

Application No :20/09/2011 Filing Date

(87) International

:WO 2012/038887 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)HE3DA S.R.O.

Address of Applicant: Tusarova 1281/45 17000 Prague Czech

Republic

(72)Name of Inventor:

1)PROCHAZKA (Jr.) Jan 2)PROCHAZKA (Sr.) Jan 3)POLIVKA Jaroslav 4)POSTLER Jiri

(57) Abstract:

A lithium accumulator containing positive and negative electrodes (4a 4b) with a minimum thickness of 0.5 mm separated by separators (5) where each electrode is deposited into a hole (31) in a frame as a part of a set of frames arranged in a stack between marginal covers (la lb) with electrical insulation (55) between the frames of opposite electrodes and additional current collectors (51 53) between identical electrodes wherein each frame (3) comprises at least one channel (32) for passage of a heat exchange media and the channels (32) of the individual frames (3) are interconnected. Liquid accumulator electrolyte may be used as a heat exchange media.

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

(21) Application No.468/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: QUANTIZATION DEVICE AND QUANTIZATION METHOD

(51) International :G10L19/14,G10L19/00,G10L19/02

classification (31) Priority Document No :2010210116

(32) Priority Date :17/09/2010 (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/005244

:16/09/2011 Filing Date

(87) International Publication :WO 2012/035781

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)PANASONIC CORPORATION

Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka

5718501, Japan

(72)Name of Inventor: 1)MORII Toshiyuki

(57) Abstract:

Provided are a quantization device and quantization method which reduce coding distortion with a small degree of calculation and achieve adequate coding performance thereby. A multistage vector quantization unit (102) treats a number of candidates N which are designated prior to operation in the first stage vector quantization unit (201 1) decrements the number of candidates by one beginning with the second stage vector quantization unit (201 2 201 J) and continuing with each stage thereafter and if the number of candidates is three or less assesses the quantization distortion at each such stage treating the number of candidates at the following stage as a predetermined value P if the quantization distortion is greater than a prescribed threshold and treating the number of candidates at the following stage as a value Q that is less than the predetermined value P if the quantization distortion is less than or equal to the predetermined threshold.

No. of Pages: 45 No. of Claims: 6

(21) Application No.299/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: HEAD FOR DISPENSING A LIQUID AS A DRIP

(51) International classification

(31) Priority Document No :10 03233 (32) Priority Date :30/07/2010 (33) Name of priority country: France

(86) International :PCT/IB2011/001741 Application No

:28/07/2011 Filing Date

(87) International Publication :WO 2012/014050

No (61) Patent of Addition to

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

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

1)LABORATOIRES THEA

Address of Applicant: 12 rue Louis Blriot Zone Industrielle du

Brezet F 63100 Clermont Ferrand France

(72)Name of Inventor: 1)DEFEMME Alain 2)MERCIER Fabrice

(57) Abstract:

The invention relates to a head for dispensing liquid as a drip comprising a nozzle onto which a channel for ejecting the liquid leads wherein air sucked in from the outside is returned through said channel in the opposite direction. In the nozzle on the ejection channel the drip dispensing head of the invention comprises a valve functioning as a non return valve for the circulation of the liquid being ejected. The mobile disc of said valve is produced so as to selectively enable air to pass through the valve when the disc is bearing against the seat thereof in a position for closing the liquid ejection channel. The disc is returned to said position by negative pressure applied upstream which tends to suck in outside air. The disc is advantageously made of a microporous material which provides antibacterial filtering of the return air.

No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MAGNETIC DRIVE MOTOR ASSEMBLY AND ASSOCIATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K41/02 :61/378984 :01/09/2010 :U.S.A. :PCT/US2011/049679 :30/08/2011 :WO 2012/030790 :NA :NA :NA	(71)Name of Applicant: 1)MAGNAMOTOR LLC Address of Applicant: 1980 SW Clevel Road Arcadia Florida 34266 U.S.A. (72)Name of Inventor: 1)EDWARDS John W. 2)HERRIN Robert M. 3)THARPE Johnny M. Jr.
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(57) Abstract:

A permanent magnet is rotated about an axis extending between opposing north and south poles. The magnetic field of the rotated permanent magnet interacts with magnetic fields of permanent magnets carried by a shuttle for repelling and attracting the fixed permanent magnets and providing a linear reciprocating movement of the shuttle responsive to the rotary motion of the rotated permanent magnet.

No. of Pages: 27 No. of Claims: 26

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: INTERNAL COMBUSTION ENGINE AND METHOD OF PRODUCING SAME

(51) International classification	:F02F1/18, F02B 45/00	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(31) Priority Document No	:2010188450	Address of Applicant :1 Toyota cho Toyota shi Aichi Ken 471
(32) Priority Date	:25/08/2010	8571 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/IB2011/001924	1)HIJII Takumi
Filing Date	:23/08/2011	2)NISHIKAWA Naoki
(87) International Publication No	:WO 2012/025812	3)KAWAGUCHI Akio
(61) Patent of Addition to Application	:NA	4)NAKATA Koichi
Number	:NA	5)WAKISAKA Yoshifumi
Filing Date	.11/1	6)KOSAKA Hidemasa
(62) Divisional to Application Number	:NA	7)SHIMIZU Fumio
Filing Date	:NA	

(57) Abstract:

An internal combustion engine (10) in which an anodic oxidation coating film (61 62 63 64) is formed on all or a portion of a wall that faces a combustion chamber (NS) wherein the anodic oxidation coating film (61 62 63 64) has a structure that is provided with a bonding region in which each of hollow cells (C) forming the coating film is bonded to the adjacent hollow cells (C) and a nonbonding region in which three or more adjacent hollow cells (C) are not bonded to each other and wherein a porosity of the anodic oxidation coating film (61 62 63 64) is determined by a first void (K1) present in the hollow cell (C) and a second void (K2) that forms the nonbonding region.

No. of Pages: 55 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: NEEDLE TIP SHIELDING DEVICE

(51) International classification:A61M5/32,A6(31) Priority Document No:10509875(32) Priority Date:23/09/2010

(33) Name of priority country :Sweden (86) International Application No :PCT/SE20

(86) International Application No :PCT/SE2011/051140 Filing Date :23/09/2011

(87) International Publication No :WO 2012/039672

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

:A61M5/32,A61M25/06 (71)Name of Applicant :

1)VIGMED AB

Address of Applicant :Drottninggatan 28 S 242 21

(21) Application No.472/MUMNP/2013 A

Helsingborg Sweden (72)Name of Inventor:
1)DOMONKOS Robert
2)KNUTSSON Per

(57) Abstract:

The present invention discloses a catheter instrument 1000 comprising a needle tip shielding device 100. The needle tip shielding device 100 is comprising a body with a rear side 106 a front side 107 an outer surface 108 connecting the rear side 106 and the front side 107 a hole 102 extending from the rear side 106 to the front side 107 a resilient arm 103 extending at an attachment point 105 from the front side 107 of the body and a longitudinal arm 112. The resilient arm 103 has a resting state from which it may be forced to yield free passage through the hole 102 in an axial direction of the body. The resilient arm 103 is adapted for protecting a needle tip 304 of a hollow needle 303 extending through the hole 102 in a direction from the rear side 106to the front side 07 when the resilient arm 103 is in the resting state. The resilient arm 103 has one external point of contact the point of contact being a contact with the hollow needle 303 when the hollow needle 303 is in a forward position. The longitudinal arm 112 has one external contact point the contact point being a contact with the hollow needle 303 when the hollow needle 303 is in a forward position. Any straight imaginary line extending longitudinally through the hole 102 in the axial direction of the body coincides with the resilient arm 103 when the resilient arm 103 is in the resting state.

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

(21) Application No.130/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR OPERATING HYDRAULIC POWER STEERING SYSTEM OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B62D 11/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant:Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India (72)Name of Inventor: 1)SAURABH KUMAR MISHRA
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a system to operate a hydraulic power steering system (100) of a vehicle when engine is in off condition and vehicle is moving. The system comprises a reservoir (101) for storing hydraulic fluid and a hydraulic pump (102) fluidly connected to the reservoir (101) and a power steering gear box (105) for supplying the hydraulic fluid. A power take off unit (103) for operating the hydraulic pump (102) using an idler gear (109a) of a vehicle transmission (109) wherein said power take-off unit (103) is coupled to the idler gear (109a) of a vehicle transmission (109) to operate the hydraulic pump (102) in engine off condition. And an actuation mechanism (104) coupled to the power take-off unit (103) for engaging and disengaging the hydraulic pump (102) with the power take-off unit (103).

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

(22) Date of filing of Application: 27/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention : USE OF THE FETAL REPROGRAMMING OF A PPAR Δ AGONIST

(51) International :A61K31/426,A61K31/427,A61P3/04

classification (31) Priority Document No :1020100085085

(32) Priority Date :31/08/2010 (33) Name of priority

:Republic of Korea country

(86) International :PCT/KR2011/006467 Application No

:31/08/2011 Filing Date

(87) International :WO 2012/030165 Publication No

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

:NA

Application Number :NA Filing Date

(71)Name of Applicant:

1) SNU R&DB FOUNDATION

Address of Applicant: San 56 1 Sillim dong Gwanak gu Seoul

151 015 Republic of Korea (72)Name of Inventor: 1)KANG Heonioong 2)HWANG Hoo Sang

3)CHIN Jungwook

(57) Abstract:

The present invention relates to a novel use of a PPAR δ agonist, and more particularly, to a fetal reprogramming effect of a PPAR δ agonist. According to the present invention, a PPAR δ agonist adjusts calcium ion during embryo genesis and a early fetal development period to increase slow muscle fiber and to thus improve muscle endurance, thereby improving lipid and glucose metabolism and reprogramming the metabolism of the entire body, thus preventing/inhibiting the occurrence of metabolic diseases, such as obesity and diabetes in an adult body caused by a high-fat diet and a lack of exercise, and improving memory for an adult. In addition, fetal reprogramming using a PPAR δ agonist prevents/inhibits the occurrence of diabetes in a mouse model for diabetes. Therefore, the PPAR δ agonist may be used in a pharmaceutical composition for enhancing the endurance of a human and an animal by embryonic/fetal reprogramming, preventing/inhibiting metabolic diseases such as obesity, diabetes, arteriosclerosis and fatty liver, and enhancing memory. The PPAR δ agonist may also be used in a nutritional supplement for pregnant women, in food additives, in a functional food supplement or functional beverage composition, in pharmaceutical compositions for animals, in an endurance enhancer for animals, in dry milk and baby formula compositions, in an animal feed composition, etc.

No. of Pages: 156 No. of Claims: 49

(21) Application No.474/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: CIRCULAR COMB OF A COMBING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D01G19/10 :10009206.3 :04/09/2010 :EPO :PCT/CH2011/000193 :24/08/2011 :WO 2012/027852 :NA :NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstrasse 20 CH 8406 Winterthur Switzerland (72)Name of Inventor: 1)PEULEN Jacques 2)SCHERRER Marc
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(57) Abstract:

The invention relates to a circular comb (R) for a combing machine having a basic body (18 20) which is fastened fixedly on a shaft (15) so as to rotate with it and carries a combing clothing (G) on its outer circumference wherein as viewed in the radial direction of the shaft a mass balancing element (AG AG1) is fastened on that side of the shaft (15) which lies opposite the combing clothing (G). In order to reduce the mass moment of inertia of the circular comb without stability losses in comparison with known solutions it is proposed that the basic body (20) consists of a hollow profile which has an outer arcuate section (23) for receiving the combing clothing (G) and having an inner section (22) which lies opposite said outer arcuate section (23) having a semicircular recess (21) which is open in the direction of the shaft extends in the longitudinal direction of the hollow profile and via which the basic body (20) is supported on the shaft and fastening means (S3) are provided by way of which the basic body (20) and the mass balancing element (AG1) are clamped against one another transversely with respect to the longitudinal direction of the shaft (15).

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRANSMITTER TRANSMISSION METHOD AND RECEIVER

(51) International classification	· ·	(71)Name of Applicant:
(31) Priority Document No	:2011151313	1)SONY CORPORATION
(32) Priority Date	:07/07/2011	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/065710	(72)Name of Inventor :
Filing Date	:20/06/2012	1)TSUKAGOSHI Ikuo
(87) International Publication No	:WO 2013/005571	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Transmission of disparity information is performed so as not to prevent reception processing of a legacy 2D-compatible reception device. Stereoscopic image data having left eye image data and right eye image data is output. Data of superimposing information to be superimposed on images according to the left eye image data and right eye image data is output. Disparity information for shifting and providing disparity to the superimposing information to be superimposed on the image of the left eye image data and right eye image data is output. Multiplexed stream having a video data stream including stereoscopic image data, the first private data stream including data of superimposing information, and the second private data stream including disparity information is transmitted. With the legacy 2D-compatible reception device on the receiving side, reading only data of superimposing information from the first private data stream can prevent reading of disparity information from impeding the reception processing.

No. of Pages: 196 No. of Claims: 18

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: FILTER DESCRIPTION SIGNALING FOR MULTI FILTER ADAPTIVE FILTERING

(51) International classification	:H04N7/26,H04N7/50	(71)Name of Applicant:
(31) Priority Document No	:61/379253	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/09/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2011/049641	(72)Name of Inventor:
Filing Date	:30/08/2011	1)CHONG In Suk
(87) International Publication No	:WO 2012/030760	2)KARCZEWICH Marta
(61) Patent of Addition to Application	:NA	3)CHIEN Wei Jung
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Filtering is applied at an encoder and filter information describing a set of filters is encoded in the bitstream to enable a decoder to identify the filtering that was applied at the encoder. The decoder receives encoded video data that includes the filter information decodes the video data and applies filtering based on the filtering information. The decoder applies the same filtering that was applied at the encoder. To potentially reduce the number of bits needed to reconstruct the set of filters and other filter information as well as to potentially improve decoder performance filter description syntax describing the set of filters can be included in the bitstream. The filter description syntax may identify a number of filters in a set of filters a maximum number of filters in a set of filters and/or identify a shape of filters in a set of filters.

No. of Pages: 61 No. of Claims: 47

(21) Application No.436/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : BULKHEAD FOR USE WITH CONTAINER LINERS METHOD OF PROVIDING RESTRAINING MEANS TO A CONTAINER LINER AND CONTAINER LINER THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B65D90/00 :1013616.6 :13/08/2010 :GB :PCT/GB2011/051510 :10/08/2011 :WO 2012/020259 :NA	(71)Name of Applicant: 1)INTERBULK (UK) LTD Address of Applicant: 127 Hedon Road Hull HU9 1ND U.K. (72)Name of Inventor: 1)MASSIE Michael
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is herein described a bulkhead (10) for use with container liners. More particularly there is described a bulkhead (10) for use with container liners wherein the bulkhead (10) allows the container liner to be loaded with bulk product and then safely sealed with preferably just one supporting bar structure (30).

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DIFFUSER FOR A MULTI WAY VALVE

(51) International classification :B65D83/68,B05B1/16,B65D83/20

(31) Priority Document No :1058115 (32) Priority Date :06/10/2010 (33) Name of priority country :France

(86) International Application :PCT/EP2011/066075

No :16/09/2011

Filing Date

(87) International Publication :WO 2012/045562

(61) Patent of Addition to :NA

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date (57) Abstract :

way valve.

(19) INDIA

(71)Name of Applicant : 1)LINDAL FRANCE SAS

Address of Applicant : P'le d'Activits Industrielles et

Technologiques F 54150 Briey France

(21) Application No.479/MUMNP/2013 A

(72)Name of Inventor:

1)Bodet Herv 2)GAILLARD Eric

The invention relates to a diffuser for a multi way valve in particular for a two way valve including a tip (2) to be attached to the portion of the valve stem that projects above the cup. In order to enable a single product to be sampled despite the presence of a multi way valve the tip includes a cylindrical portion which has a circular cross section and in which as many transfer pipes (22a 22b) as there are pathways in the multi way valve are formed each pipe being provided with a means for sealingly connecting same to the outlet of the corresponding pathway of the valve when said pipe is mounted onto said valve each transfer pipe (22a 22b) leading outside the cylindrical portion of the tip in a different radial plane and in a different angular sector of the cylindrical portion. The diffuser is further provided with a pivotable cap (3) provided with a blind hole (31) the shape of which is complementary to that of the cylindrical portion of the tip the pivotable cap being provided with as many outlet pipes (32a 32b) as there are pathways in the multi

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

(21) Application No.320/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: COSMETIC TEXTILE FIBER METHOD FOR OBTAINING IT AND USE THEREOF

(51) International classification :D06M11/83,D06M13/17,D06M15/03

(31) Priority Document No :P201031260 (32) Priority Date :16/08/2010

(33) Name of priority :Spain

country

(86) International :PCT/EP2011/062974

Application No Filing Date :1C1/E1 201

(87) International

Publication No :WO 2012/022597

(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)NYLSTAR S.A.

Address of Applicant : Avda. de la Estaci³ 53 E 17300

BLANES (Girona) Spain (72)Name of Inventor:

1)CIRERA SANTASUSANA Alfonso

2)SOY FABRA Esteve

(57) Abstract:

The present invention describes a polyamide textile fiber comprising conjugated nanoparticles homogeneously dispersed in the fiber selected from polyethylene glycol conjugated platinum nanoparticles hyaluronic acid conjugated gold nanoparticles and mixtures thereof. The invention also describes how to obtain it as well as its use in a cosmetic skin treatment as a system for the release of said conjugated nanoparticles.

No. of Pages: 16 No. of Claims: 9

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: BUFFER STATUS REPORT CONTROL FOR CREATING TRANSMISSION GAPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/12 :61/384993 :21/09/2010 :U.S.A. :PCT/US2011/052458 :21/09/2011 :WO 2012/040265 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)DAYAL Pranav 2)WANG Jibing 3)MANTRAVADI Ashok 4)KADOUS Tamer Adel
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(57) Abstract:

A method for wireless communication modifies an actual buffer status report value to create a modified buffer status report that is reported to a base station. The modified buffer status report value results in the base station sending fewer uplink grants to a user equipment. The fewer grants result in transmission gaps in a first radio access technology of the user equipment. The user equipment may use those transmission gaps in the first radio access technology to communicate using a second radio access technology.

No. of Pages: 42 No. of Claims: 24

(21) Application No.476/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CERVICAL PILLOW FOR TREATMENT OF CERVICAL SPINE 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 	:2201000198 :20/09/2010 :Vietnam :PCT/IB2011/053563 :10/08/2011 :WO 2012/038846 :NA :NA	(71)Name of Applicant: 1)PHAM THI KIM Loan Address of Applicant: Attn: Justin Le A04.04 Hoang Anh Gia Lai 1 Apartment Le Van Luong street Tan Quy ward District 7 Ho Chi Minh city Vietnam (72)Name of Inventor: 1)PHAM THI KIM Loan
Filing Date	:NA	
/ \		

(57) Abstract:

A cervical pillow for treatment of cervical spine diseases includes a padded member made of resilient materials such as foam rubber or cotton. The padded member has a rectangular flat bottom side vertically flat left and right sides a rounded front side a thin back side and a wavy top side that has a flat portion connecting to the front side a slightly concave portion in the middle and a very convex portion connecting to the back side. The cervical pillow further includes a nearly rectangular solid block made of high strength materials such as plastic or compressed rubber. This solid block is embedded within the padded member along its back side and under the very convex portion of its top side.

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

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: WIRELESS POWER

(51) International classification	:H02J5/00,H02J17/00	(71)Name of Applicant:
(31) Priority Document No	:1013590.3	1)CHINTALA Sandeep Kumar
(32) Priority Date	:13/08/2010	Address of Applicant :Flat 93 Aspects 1 Throwley Way Sutton
(33) Name of priority country	:U.K.	Surrey SM1 4FD U.K.
(86) International Application No	:PCT/EP2011/064002	(72)Name of Inventor:
Filing Date	:13/08/2011	1)CHINTALA Sandeep Kumar
(87) International Publication No	:WO 2012/069218	
(61) Patent of Addition to Application	·N A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.477/MUMNP/2013 A

(57) Abstract:

(19) INDIA

An apparatus (5) can receive and transfer data and energy between adjacent apparatus (5) in a chain. Each apparatus (5) comprises an input antenna (10) for receiving an input signal (12) which is tuned and impedance matched (14) for a receiver and demodulator (40) in a control circuit (18). The demodulated signal is provided as input to a transmitter module (42) to create an output signal (34). The input signal (12) is then impedance transformed (20) to generate a sufficient voltage to energize a power supply (24) which charges a battery (26). The input signal (12) and the output signal (34) can be a radio signal a magnetic induction signal or a combined radio and magnetic induction signal. A controller (38) in the control circuit (18) monitors the condition of the battery (26) and power supply (24) and controls a switch (44) operable to selectively power parts of the apparatus (5) dependently upon their monitored condition.

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

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR SENDING OUT MOBILE FINANCIAL SUMMARIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:14/01/2011 :WO 2012/012810 :NA :NA	(71)Name of Applicant: 1)CAPITAL SUPREME (PTY) LTD Address of Applicant :PO Box 2449 Florida Hills Roodepoort 1716 Johannesburg South Africa (72)Name of Inventor: 1)VAN DER VYVER Deon
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides for a financial summary system and more particularly relates to a system for sending out invoices and/or statements via a multi media messaging service (MMS).

No. of Pages: 34 No. of Claims: 43

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: ONE TIME GREASING (OTG) SLIP JOINT ASSEMBLY FOR PROPELLER SHAFTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16C3/03, F16D3/06 :NA :NA :NA	(71)Name of Applicant: 1)MAHINDRA SONA LIMITED Address of Applicant:10 PENINSULA HOUSE 2ND FLOOR 235 DR. D.N. ROAD FORT MUMBAI 400001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Mr.PRAKASH NATHU JADHAV
(87) 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 demonstrates the mechanism of slip joint during operation i.e. expansion and compression as to how the grease is retained and circulated by use of diaphragm type flexible plug and the functional steps while in operation as here under. When the slip joint is compressed the sliding splined shaft pushes air on to the diaphragm and in turn the diaphragm pushes the air out through vent hole of the Welch plug. Similarly when slip joint is extended the air is sucked through the Welch plug and in turn the diaphragm is stretched to that it extends towards the slip shaft. Thus the diaphragm is either stretched towards or away from the slip shaft according to the extension or compression of the slip shaft and in the meanwhile facilitates purpose and objective of retention of grease and preventing dust and mud from entering into sliding joint area.

No. of Pages: 6 No. of Claims: 1

(21) Application No.316/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: STEAM TURBINE CASING POSITION ADJUSTING APPARATUS

(51) International

:F01D25/00,F01D21/08,F01D25/24

classification (31) Priority Document No

:2011081092

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

:31/03/2011

(86) International Application :PCT/JP2011/075356

Filing Date

:02/11/2011

(87) International Publication :WO 2012/132085

No

(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)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72)Name of Inventor:

1)HORI Takumi

2)TSURUTA Megumu

3)ASANO Shin

4)NAKAZAWA Tamiaki

5)HOMBO Ryokichi

Provided is a steam turbine casing position adjusting apparatus that enables the adoption of a small resolution and small sized actuator. A steam turbine casing position adjusting apparatus (40) is provided with: a turbine casing (21 37); a rotor (23); and an actuator (14 15) for moving the turbine casing (21 37) along an axial direction. The actuator (14 15) is disposed radially outside the outer circumferential surface of the turbine casing (21 37).

No. of Pages: 127 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :20/02/2013

(21) Application No.336/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD OF MANUFACTURING MICRO CHAMBER PLATE WITH BUILT IN SAMPLE AND ANALYTIC MICRO CHAMBER PLATE ANALYTIC MICRO CHAMBER PLATE AND APPARATUS SET FOR MANUFACTURING ANALYTIC MICRO CHAMBER PLATE WITH BUILT IN SAMPLE

(51) International classification: C12O1/68.C12M1/34.G01N33/48 (71)Name of Applicant:

:WO 2012/011660

(31) Priority Document No :1020100071651 (32) Priority Date :23/07/2010 (33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2011/004010 No

:01/06/2011 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)BIONEER CORPORATION

Address of Applicant :49 3 Munpyeong dong Daedeok gu

Daeieon 306 220 Republic of Korea

(72)Name of Inventor: 1)PARK Han Oh 2)SONG Gu Young 3)BAE Jung A

(57) Abstract:

The present invention relates to a micro chamber plate and more particularly to an analytic micro chamber plate in which a plurality of reaction solutions including a primer or probe selectively reacting with a nucleic acid react with each other without cross contamination to measure and analyze a fluorescence level in real time so as to analyze biological sample solution including a large amount of nucleic acids. Also the present invention relates to a method of manufacturing the analytic chamber plate. Also the present invention relates to a method of manufacturing a micro chamber plate with a built in sample used for manufacturing the analytic chamber plate. Also the present invention relates to an apparatus set for manufacturing the micro chamber plate with a built in sample.

No. of Pages: 55 No. of Claims: 21

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING A M2LC 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 	:H02J1/10 :61/381180 :09/09/2010 :U.S.A. :PCT/US2011/050902 :09/09/2011 :WO 2012/033958 :NA :NA	(71)Name of Applicant: 1)CURTISS WRIGHT ELECTRO MECHANICAL CORPORATION Address of Applicant: 1000 Wright Way Cheswick PA 15024 1300 U.S.A. (72)Name of Inventor: 1)AIELLO Marc Francis 2)KRAMER Dustin Matthew 3)BERTON Kenneth Stephen
Filing Date	:NA :NA	

(57) Abstract:

A modular multilevel converter system. The system includes a plurality of series connected two terminal M2LC subsystems and a control system module. The two terminal M2LC subsystems are arranged into at least two output phase modules. A first one of the output phase modules defines a total value of inductance and includes a positive arm and a negative arm. The control system module is communicably connected to the two terminal M2LC subsystems of the first one of the output phase modules. The control system module is configured to apply selectively reassigned modulated switch functions to only one of the following at a given instance of time: the two terminal M2LC subsystems of the positive arm of the first one of the output phase modules or the two terminal M2LC subsystems of the negative arm of the first one of the output phase modules. The selective reassigning of the modulated switch functions forces charge balance of the individual capacitors of the series connected two terminal M2LC subsystems at a predetermined rate.

No. of Pages: 38 No. of Claims: 22

(43) Publication Date: 09/05/2014

(21) Application No.3050/MUM/2012 A

(22) Date of filing of Application :18/10/2012

(54) Title of the invention: STABILIZING AGENTS

(51) International classification(31) Priority Document No	:C07F9/6571, C07F9/00 :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKER CHAMBER-
(32) Priority Date	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021, Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GANDHAM SATYA SRINIVASA RAO
(87) International Publication No	: NA	2)PILLAI MUTHUKUMARU SUBRAMANIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

The present disclosure provides tetraoxa diphosphaspiro compound represented by Formula 1. The present disclosure further provides a process for synthesizing the compound represented by Formula 1.

No. of Pages: 44 No. of Claims: 26

(21) Application No.326/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: HETERO BICYCLIC DERIVATIVES AS HCV INHIBITORS

(51) International :C07D401/14,A61K31/47,A61K31/4704 classification

(31) Priority Document :10170763.6

(32) Priority Date :26/07/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/062774 Application No

:26/07/2011 Filing Date

(87) International :WO 2012/013643 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)JANSSEN R&D IRELAND

Address of Applicant : Eastgate Village Eastgate Little Island

Co Cork Ireland

(72)Name of Inventor: 1)VANDYCK Koen

2) VERSCHUEREN Wim Gaston

3)RABOISSON Pierre Jean Marie Bernard

(57) Abstract:

Inhibitors of HCV replication of formula (I) including stereochemically isomeric forms and salts hydrates solvates thereof wherein R and R have the meaning as defined herein. The present invention also relates to processes for preparing said compounds pharmaceutical compositions containing them and their use alone or in combination with other HCV inhibitors in HCV therapy.

No. of Pages: 106 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :22/02/2013

(21) Application No.347/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention : CELLULOSE-SOLVENT-BASED LIGNOCELLULOSE FRACTIONATION WITH MODEST REACTION CONDITIONS AND REAGENT CYCLING

(51) International classification	:C13K1/02, D21F 11/00	(71)Name of Applicant: 1)VIRGINIA TECH INTELLECTUAL PROPERTIES,
(31) Priority Document No	:N/A	INC.
(32) Priority Date	:-	Address of Applicant :2200 KRAFT DRIVE, SUITE 1050,
(33) Name of priority country	:Argentina	BLACKSBURG, VIRGINIA 24060, U.S.A.
(86) International Application No	:PCT/US2006/011411	(72)Name of Inventor:
Filing Date	:29/03/2006	1)ZHANG, PERCIVAL, Y., H.
(87) International Publication No	:WO/2007/111605	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:2274/MUMNP/2008	

(57) Abstract:

Filed on

Embodiments of the present invention overcome the well-known recalcitrance of lignocellulosic biomass in an economically viable manner. A process and system are provided for the efficient fractionation of lignocellulosic biomass into cellulose, hemicellulose sugars, lignin, and acetic acid. The cellulose thus obtained is highly amorphous and can be readily converted into glucose using known methods. Fermentable hemicellulose sugars, low-molecular- weight lignin, and purified acetic acid are also major products of the process and system. The modest process conditions and low solvent/solid ratios of some embodiments of the invention imply relatively low capital and processing costs.

:23/10/2008

No. of Pages: 47 No. of Claims: 65

(21) Application No.369/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: EXTERNAL HEATING TYPE COAL MATERIAL DECOMPOSITION APPARATUS WITH MULTIPLE TUBES

(51) International :C10B53/04,C10B57/00,C10B47/00

classification

(31) Priority Document No :201010527824.6 :26/10/2010 (32) Priority Date (33) Name of priority country: China

(86) International Application :PCT/CN2010/078982 No

:23/11/2010 Filing Date

(87) International Publication: WO 2012/055123

(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)XIXIA DRAGON INTO SPECIAL MATERIAL CO.

Address of Applicant : Industrial Road 88 XiXia Nanyang

Henan 474500 China (72)Name of Inventor: 1)ZHU Shucheng

(57) Abstract:

Disclosed is an external heating type coal material decomposition apparatus with multiple tubes which includes a sealing kiln (1) wherein a coal material propulsion and decomposition pipe (4) is set. The coal material propulsion and decomposition pipe (4) is provided with a coal inlet (2) a coal outlet (3) and a decomposition gas collecting pipe (14). A heat exchange chamber (5) is set between the coal material propulsion and decomposition pipe (4) and the inner wall of the kiln (1) connected with a high temperature gas heating mechanism through an air inlet pipe and provided with a heating gas export. The coal material propulsion and decomposition pipe (4) is set in the high temperature kiln (1) so pulverized coal can absorb heat sufficiently and be decomposed into fuel gas tar gas and coal with increased calorific value in the coal material propulsion and decomposition pipe (4).

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

(21) Application No.484/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: PERMANENT HUMAN AMNIOCYTE CELL LINES FOR PRODUCING INFLUENZA VIRUSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N7/02,C07K14/11 :10 2010 037 008.8 :16/08/2010 :Germany :PCT/DE2011/075194 :16/08/2011 :WO 2012/041311 :NA :NA	(71)Name of Applicant: 1)CEVEC PHARMACEUTICALS GMBH Address of Applicant: Gottfried Hagen Str. 62 51105 Kln Germany (72)Name of Inventor: 1)SCHIEDNER Gudrun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing an influenza virus based vaccine by means of permanent human amniocyte cells and to the use of a permanent human amniocyte cells for producing an influenza virus based vaccine.

No. of Pages: 58 No. of Claims: 11

(21) Application No.439/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CONVEYOR SYSTEM

(51) International classification	:B65G25/10,B65G35/08	(71)Name of Applicant :
(31) Priority Document No	:2010198391	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:03/09/2010	Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471
(33) Name of priority country	:Japan	8571 Japan
(86) International Application No	:PCT/IB2011/002006	2)SHINMEI INDUSTRY CO. LTD.
Filing Date	:01/09/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/028939	1)ONO Akio
(61) Patent of Addition to Application	:NA	2)HARADA Mitsuhiro
Number	:NA	3)MURAO Taiki
Filing Date	.11//1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A conveyor system (10) that transports a plurality of pallets includes: at least two driving devices (30L and 30R) that each have an engaging portion (37) to be engaged with the pallet located at an upstream side end portion in a pallet transport direction and that moves the engaging portion (37) in a state where the engaging portion (37) is engaged with the pallet to thereby simultaneously push the plurality of pallets; and a transport portion (20) on which the plurality of pallets are mounted and that is able to transport the plurality of pallets pushed by the driving devices (30R and 30L). The conveyor system (10) is configured to transport the plurality of pallets at a constant speed by engaging the engaging portion (37) of one of the driving devices (30R) with the pallet and causing the one of the driving devices to start pushing the plurality of pallets by the time when another one of the driving devices (30L) completes pushing the plurality of pallets.

No. of Pages: 36 No. of Claims: 7

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: NONCONTACT SWITCH STRUCTURE

(51) International :H01H3/16,H01H21/02,H01H25/04 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/JP2011/057485

:26/03/2011 Filing Date

(87) International Publication

(19) INDIA

:WO 2012/131859 No

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

(62) Divisional to Application :NA Number :NA

Filing Date

the detection element.

(57) Abstract:

(71)Name of Applicant:

1)ANYWIRE CORPORATION

(21) Application No.482/MUMNP/2013 A

Address of Applicant: 8 1 Shimoinden Inouchi Nagaokakvo

shi Kvoto 6170813 Japan (72)Name of Inventor: 1)SAITOU Yoshitane 2)NISHIKIDO Kenji

[Problem] To provide a noncontact switch structure capable of turning an electrical signal on and off in a noncontact manner and for which the consumable portion of the operated part can easily be replaced and for which the sensitivity is not reduced by foreign matter such as dust. [Solution] With this noncontact switch structure an aperture is provided in the end face of a replaceable unit which is attached in a detachable manner at an installation position and on either side of the virtual boundary plane where the aperture is provided on the end face a detection element and a detection unit are arranged respectively close to the replaceable unit side and the installation position side thereof with the detection element and the detection unit normally opposing one another. The replaceable unit is formed with a flexible tubular body a rod member and an oscillating member. The detection element is affixed to the aforementioned end face side of the oscillating member which extends from the base end of the rod member and runs through the interior of the flexible tubular body toward the aforementioned end face and when force is applied to the rod member in a direction perpendicular to the axis line of the rod member the detection element moves in a direction parallel to the virtual boundary plane between the virtual boundary plane and the aforementioned replaceable unit side and the detection unit detects the separation of

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

(21) Application No.483/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: BUILDING MATERIAL AND BUILDING SYSTEM ELEMENT AND ALSO PROCESSES FOR THE PRODUCTION THEREOF

(51) International :C04B28/02,C04B38/02,C04B38/08

classification

(31) Priority Document No :01492/10 :16/09/2010 (32) Priority Date (33) Name of priority country: Switzerland

(86) International Application :PCT/EP2011/060159

No :17/06/2011 Filing Date

(87) International Publication :WO 2012/034724

(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)VICAT

Address of Applicant: Tour Manhattan 6 place de IIris F 92095

Paris La Defense France (72)Name of Inventor: 1)ST,,HLI Beat 2)RYTZ Gerhard

3)RUCHTI Beat

(57) Abstract:

The invention relates to a building material (M2) which can be produced by combining from 30 to 70% by weight of a cement or hydraulic binder from 20 to 80% by weight of water and from 0.05 to 15% by weight of porous and/or pore forming material or by combining from 10 to 80% by weight of a cement or hydraulic binder from 10 to 80% by weight of pulverulent and/or particulate mineral filler from 20 to 80% by weight of water and from 0.05 to 15% by weight of porous and/or pore forming material; and in each case by subsequent mixing of the combined constituents for from 1 to 15 minutes. The invention further relates to a building system element (1; 2) having a first section (11; 21) which contains in particular compact solid particles distributed in a cured cement matrix (M1) and fixed thereby and having a second section (12; 22) which contains pores distributed in a cured cement matrix (M2). This second section (12; 22) can be formed by the building material (M2) of the invention.

No. of Pages: 21 No. of Claims: 17

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : DEVICE AND SYSTEM FOR DELIVERY OF AN AEROSOL TO A PATIENT ON VENTILATORY SUPPORT

(51) International classification	:A61M16/06,A61M16/14	(71)Name of Applicant:
(31) Priority Document No	:10172317.9	1)TAKEDA GMBH
(32) Priority Date	:09/08/2010	Address of Applicant :Byk Gulden Str. 2 78467 Konstanz
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2011/063645	(72)Name of Inventor:
Filing Date	:08/08/2011	1)IWATSCHENKO Peter
(87) International Publication No	:WO 2012/020004	2)POHLMANN Gerhard
(61) Patent of Addition to Application	:NA	3)RAHMEL Daniela
Number	:NA	4)TAUT Friedemann
Filing Date	.NA	5)DE MUYNCK Christian
(62) Divisional to Application Number	:NA	6)KOCH Wolfgang
Filing Date	:NA	7)WINDT Horst

(57) Abstract:

The present invention relates to a device for connection of the airways of a patient on ventilatory support with a source of a breathing gas and a source of an aerosol. Said device comprises a contact component (10) which is adapted to be positioned in contact with the airways of the patient and which comprises: one or two tubes (18 20) each comprising a lumen (18a 20a) through which breathing gas and aerosol can be delivered to the airways of the patient a mixing lumen (24) which is in fluid connection with the lumen or lumens of the tube or the two tubes and having a longitudinal axis (24c) extending substantially perpendicularly to longitudinal axis or axes (18c 20c) of the lumen or lumens and a port (28) through which aerosol can be introduced into said mixing lumen and arranged such that the aerosol and a breathing gas can be mixed in the mixing lumen.

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

(21) Application No.440/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: COGENERATION SYSTEM

(51) International classification :H01M8/06,F24H1/00,F25B27/02 (71)Name of Applicant: (31) Priority Document No :2011194090

(32) Priority Date :06/09/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/005606 No

:05/09/2012 Filing Date

(87) International Publication :WO 2013/035312

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

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

1)PANASONIC CORPORATION

Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka

5718501, Japan

(72)Name of Inventor:

1)KOBAYASHI Susumu

(57) Abstract:

This cogeneration system (100) is provided with: an SOFC cell (13) that generates electricity by an electric power generating reaction using a fuel gas and air that are provided; a reformer (16) that generates reformed gas using the electric power generating reaction heat and combustion heat; a vaporizer (15) that generates water vapor added to the fuel gas supplied to the reformer (16) using the electric power generating reaction heat and combustion heat; an ammonia absorption chiller (10) that cools an article to be cooled by consuming part of the heat of exhaust gas having the electric power generating reaction heat and combustion heat that remains after use by the reformer (16) and vaporizer (15) and cools this exhaust gas by consuming part of the heat; and a condensation unit (30) that further cools the exhaust gas after the consumption of part of the heat by the ammonia absorption chiller (10) and generates condensed water by condensing moisture included in the exhaust gas.

No. of Pages: 60 No. of Claims: 14

(21) Application No.486/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION

(51) International classification :A61K9/00,A61K9/12,A61K31/415

(31) Priority Document No :2522/MUM/2010 (32) Priority Date :13/09/2010

(33) Name of priority country: India

(86) International Application :PCT/GB2011/000785

No :1C1/GB20 :23/05/2011

Filing Date .23/03/201

(87) International Publication :WO 2012/035283

(61) Patent of Addition to
Application Number
:NA

Application Number Filing Date :NA

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

(57) Abstract :

(71)Name of Applicant : 1)CIPLA LIMITED

Address of Applicant : Mumbai Central Mumbai 400 008

Maharashtra India (72)Name of Inventor:

1)PURANDARE Shrinivas Madhukar

2)MALHORTA Geena

A composition comprising rifaximin in the form of particles wherein substantially all the particles have a particle size less than or equal to 2 micrometres.

No. of Pages: 34 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.488/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: TRACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60K17/24 :1020100098567 :11/10/2010 :Republic of Korea :PCT/KR2011/003780 :24/05/2011 :WO 2012/050284 :NA :NA	(71)Name of Applicant: 1)DAEHO CO.LTD. Address of Applicant: 786 Geumam ri Dongi myeon Okcheon gun Chungcheongbuk do 373 831 Republic of Korea (72)Name of Inventor: 1)KIM Joong Ho
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention aims to provide a tractor having a vehicle body frame which is upwardly arranged on the front wheel axle side so as not to interfere with the front wheels and is concave in the middle so that an engine portion can be arranged therein thereby allowing maximum direction control of the front wheels without interference from the front wheel axle and arrangement of a driving cab which is provided with a driver s seat on top of the engine portion. The present invention is characterized by the tractor having the vehicle body frame which is upwardly arranged on the front wheel axle side so as not to interfere with the front wheels and is concave in the middle so that the engine portion can be arranged therein.

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

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: USER FEEDBACK IN SEMI AUTOMATIC QUESTION ANSWERING SYSTEMS

(51) International classification	:G06F9/44,G06F17/21	(71)Name of Applicant:
(31) Priority Document No	:61/385838	1)MMODAL IP LLC
(32) Priority Date	:23/09/2010	Address of Applicant :9009 Carothers Parkway Ste. C 2
(33) Name of priority country	:U.S.A.	Franklin TN 37067 U.S.A.
(86) International Application No	:PCT/US2011/052983	(72)Name of Inventor :
Filing Date	:23/09/2011	1)KOLL Detlef
(87) International Publication No	:WO 2012/040578	2)POLZIN Thomas
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system applies rules to a set of documents to generate codes such as billing codes for use in medical billing. A human operator provides input specifying whether the generated codes are correct. Based on the input from the human operator the system attempts to identify which clause(s) in the rules which were relied on to generate the particular code are correct and which such clause(s) are incorrect. The system then assigns praise to components of the system responsible for generating codes in the correct clauses and assigns blame to components of the system responsible for generating codes in the incorrect clauses. Such blame and praise may then be used to determine whether particular code generating components are insufficiently reliable. The system may disable or take other remedial action in response to insufficiently reliable code generating components.

No. of Pages: 62 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.492/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: TRACTOR

(51) International classification	:B60K17/24	(71)Name of Applicant:
(31) Priority Document No	:1020100098565	1)DAEHO CO.LTD.
(32) Priority Date	:11/10/2010	Address of Applicant :786 Geumam ri Dongi myeon Okcheon
(33) Name of priority country	:Republic of Korea	gun Chungcheongbuk do 373 831 Republic of Korea
(86) International Application No	:PCT/KR2011/003778	(72)Name of Inventor:
Filing Date	:24/05/2011	1)KIM Joong Ho
(87) International Publication No	:WO 2012/050282	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a tractor and more particularly to a tractor in which a front axle is vertically arranged such that the height thereof is the same as that of the upper surface of a front wheel such that the front wheel is prevented from being interfered with by the front axle even when the front wheel is maximally turned in a clockwise or counterclockwise direction and turns at a larger angle than a perpendicular angle or at a nearly perpendicular angle measured from the front of the tractor thus enabling the tractor to swivel by means of an operation of a steering handle. The present invention is a four wheel drive tractor in which a front axle is vertically arranged such that the height thereof is the same as that of the upper surface of a front wheel such that the front wheel is prevented from being interfered with by the front axle even when the front wheel is maximally turned in a clockwise or counterclockwise direction and turns at an angle greater than a perpendicular angle or at a nearly perpendicular angle measured from the front of the tractor.

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

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.493/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: TRACTOR INSTALLED ROTATABLE ARM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B66C23/68 :1020100098566 :11/10/2010 :Republic of Korea :PCT/KR2011/003779 :24/05/2011 :WO 2012/050283 :NA :NA	(71)Name of Applicant: 1)DAEHO CO.LTD. Address of Applicant: 786 Geumam ri Dongi myeon Okcheon gun Chungcheongbuk do 373 831 Republic of Korea (72)Name of Inventor: 1)KIM JOONG Ho
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

The present invention relates to a tractor having a rotatable arm installed thereon and more particularly to a rotatable arm installed tractor having a new structure in which a rotation shaft is installed around a drive cap of the tractor and an articulated arm is installed on the rotation shaft to allow the articulated arm to be maximally rotated with respect to the rotation shaft to thereby significantly increase working space and work efficiency of a working machine mounted on an end of the articulated arm. In the rotatable arm installed tractor according to the present invention the drive cap including a driver s seat is lopsidedly disposed toward one side from an upper portion of a center of a frame the rotation shaft is installed at a rear side of a side surface of the drive cap and the articulated arm is installed on the rotation shaft to allow the articulated arm to be rotated with respect to the rotation shaft.

No. of Pages: 21 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :22/02/2013

(21) Application No.350/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention : CELLULOSE-SOLVENT-BASED LIGNOCELLULOSE FRACTIONATION WITH MODEST REACTION CONDITIONS AND REAGENT CYCLING

(51) International classification	:C13K 1/02, D21F 11/00	(71)Name of Applicant: 1)VIRGINIA TECH INTELLECTUAL PROPERTIES,
(31) Priority Document No	:N/A	INC.
(32) Priority Date	:-	Address of Applicant :2200 KRAFT DRIVE, SUITE 1050,
(33) Name of priority country	:Argentina	BLACKSBURG, VIRGINIA 24060, U.S.A.
(86) International Application No	:PCT/US2006/011411	(72)Name of Inventor:
Filing Date	:29/03/2006	1)ZHANG, PERCIVAL, Y., H.
(87) International Publication No	:WO/2007/111605	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:2274/MUMNP/2008	
Filed on	:23/10/2008	

(57) Abstract:

Embodiments of the present invention overcome the well-known recalcitrance of lignocellulosic biomass in an economically viable manner. A process and system are provided for the efficient fractionation of lignocellulosic biomass into cellulose, hemicellulose sugars, lignin, and acetic acid. The cellulose thus obtained is highly amorphous and can be readily converted into glucose using known methods. Fermentable hemicellulose sugars, low-molecular- weight lignin, and purified acetic acid are also major products of the process and system. The modest process conditions and low solvent/solid ratios of some embodiments of the invention imply relatively low capital and processing costs.

No. of Pages: 44 No. of Claims: 6

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR PROTECTING THREE PHASE MOTORS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02H7/08,H02H7/085,H02H5/04 :61/386779 :27/09/2010 :U.S.A.	(71)Name of Applicant: 1)EMERSON CLIMATE TECHNOLOGIES INC. Address of Applicant: 1675 W. Campbell Road Sidney OH 45365 U.S.A.
(86) International Application No Filing Date (87) International Publication	:PCT/US2011/053352 :27/09/2011 :WO 2012/047605	(72)Name of Inventor:1)JAYANTH Nagaraj B.2)WARNER Wayne R.
No (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 protecting a three phase electric motor of a compressor the motor receiving first second and third phases from a three phase power supply the system including a single phase line break protector a first current sensor and a control module. The single phase line break protector disconnects the motor from the first phase in response to a temperature being greater than a predetermined temperature threshold. The first current sensor measures a current through the single phase line break protector. The control module determines a current value based on the measured current and disconnects the motor from the second and third phases in response to the current value being less than or equal to a predetermined threshold.

No. of Pages: 31 No. of Claims: 20

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SPIN CURRENT EFFECT IN CARBON COATED CONDUCTORS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:20105841	1)SPINDECO OY
(32) Priority Date	:09/08/2010	Address of Applicant :Kuninkaankatu 30 A 3 FI 70100
(33) Name of priority country	:Finland	Kuopio Finland
(86) International Application No	:PCT/FI2011/050700	(72)Name of Inventor:
Filing Date	:09/08/2011	1)KOLJONEN Petteri
(87) International Publication No	:WO 2012/020167	2)SAASTAMOINEN Pekka
(61) Patent of Addition to Application	.NTA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention introduces a method and a structure for effectively generating spin currents in a metallic electric conductor. When for example a conductor manufactured from copper is evenly coated with a thin carbon layer the internal direction of the magnetic axis i.e. the spin of the electrons acting as charge carriers can be polarized in such a way that the spins of the set of electrons align in the area of the interface between carbon and copper. This results in intensive generation of the spin current in the coated conductor. The generation of the spin current enables reduction of losses shortening of delays relating to signal transfer and improvement of the general immunity to interferences.

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

(21) Application No.498/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: LOCATING A DEVICE USING A REFERENCE POINT TO ALIGN LOCATION 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 	:G01S5/02 :61/389703 :04/10/2010 :U.S.A. :PCT/US2011/054497 :01/10/2011 :WO 2012/047767 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)EDGE Stephen W. 2)FISCHER Sven
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(57) Abstract:

In a particular embodiment a method includes receiving a first set of location data and a second set of location data at a mobile device. The method includes locating a first reference point identifier that is included in the first set of location data and a second reference point identifier that is included in the second set of location data. The first reference point identifier field and the second reference point identifier field identify a common reference point. The method includes identifying first information in the first set of location data that is associated with the common reference point. The method also includes identifying second information in the second set of location data that is associated with the common reference point and spatially aligning the first set of location data with the second set of location data based on the common reference point to associate the first information with the second information.

No. of Pages: 78 No. of Claims: 44

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MANHOLE COVER MANUFACTURING PROCESS AND MANHOLE COVER THUS OBTAINED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20/10/2011 :WO 2012/056381 :NA :NA	(71)Name of Applicant: 1)INDUSTRIE POLIECO M.P.B. S.R.L. Address of Applicant: Via E. Mattei 49 I 25046 Cazzago San Martino (BS) Italy (72)Name of Inventor: 1)TONELLI Luigi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for manufacturing a manhole cover having a thickness of at least 10 mm, and up to 80 mm, comprising the generation of a mixture of reagents able to generate a polymeric thermosetting material, the mixing of suitable reinforcement fibres, the introduction into an open mould of the mixture thus obtained, the closure of the mould with a suitable counter-mould, the hardening of the said mixture, the opening of the mould, and the removal of the manhole cover obtained. The process makes use of the co-injection of reagents for the generation of the polymeric thermosetting material and the reinforcement fibre. The present invention also describes a manhole cover obtained with the said process.

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

(21) Application No.332/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: BIPOLAR ELECTROCHEMICAL BATTERY WITH AN IMPROVED CASING

(51) International classification :H01M2/02,H01M2/30,H01M10/04

(31) Priority Document No :10 56731 (32) Priority Date :24/08/2010

(33) Name of priority country: France(86) International Application: PCT/EP2011/064417

No ::C1/EF201 :23/08/2011

Filing Date :23/08/201

(87) International Publication :WO 2012/025505

(61) Patent of Addition to
Application Number :NA

Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
Siling Data
:NA

Filing Date

(71)Name of Applicant:

1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX

%NERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment Le Ponant D F

75015 Paris France (72)Name of Inventor: 1)CHAMI Marianne 2)PICARD Lionel

(57) Abstract:

The invention relates to novel casing for a lithium bipolar electrochemical battery (A) including a bipolar element. According to the invention the casing is formed by a composite material including a matrix and at least one porous reinforcement the matrix of which includes at least one hardened polymer with which the porous reinforcement(s) are impregnated. The porous reinforcement(s) (4) and the hardened polymer(s) (5) encase the bipolar element (1) and maintain a predetermined pressure on either side of the latter so as to maintain a predetermined contact between the components thereof.

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

(21) Application No.353/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : IMPLANT COMPRISING CALCIUM ON THE SURFACE THEREOF AND METHODS FOR MODIFYING THE SURFACE OF AN IMPLANT FOR PROVIDING SAID SURFACE WITH CALCIUM

(51) International classification	:A61L27/30	(71)Name of Applicant :
· /		
(31) Priority Document No	:P 201001192	1)BIOTECHNOLOGY INSTITUTE I MAS D S.L.
(32) Priority Date	:16/09/2010	Address of Applicant :San Antonio 15 5° E 01005 Vitoria
(33) Name of priority country	:Spain	Spain
(86) International Application No	:PCT/ES2011/000270	(72)Name of Inventor:
Filing Date	:08/09/2011	1)ANITUA ALDECOA Eduardo
(87) International Publication No	:WO 2012/035180	2)TEJERO CANTERO Ricardo
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		<u> </u>

(57) Abstract:

The invention relates to an implant for a human body or animal body that comprises on the outer surface thereof at least one calcium salt soluble in a polar liquid and to various methods for preparing said implant. The calcium ions contained in the surface of the implant provide said surface with four chemically or biologically highly desirable properties: hydrophilicity protection against atmospheric contamination pro coagulating property and pro mineralising property.

No. of Pages: 40 No. of Claims: 18

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: WIRELESS DISPLAY DISCOVERY AND OPERATION WITH TDLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/00 :61/386353 :24/09/2010 :U.S.A. :PCT/US2011/052946 :23/09/2011 :WO 2012/040567 :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)RAJAMANI Krishnan 2)WENTINK Maarten Menzo 3)JONES IV Vincent Knowles
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(57) Abstract:

Certain aspects of the present disclosure propose computer program products for discovery of source or sink devices and their capabilities prior to establishing a link such as a tunneled direct link setup (TDLS) link. The established link may be used for different applications such as Wi Fi Display session with the desired source or sink device. The proposed computer program product may also be applied to devices that utilize peer to peer communication.

No. of Pages: 42 No. of Claims: 52

(21) Application No.503/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: WOOD COMPOSITE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:102010047254.9 :01/10/2010 :Germany	(71)Name of Applicant: 1)DOKA INDUSTRIE GMBH Address of Applicant: Josef Umdasch Platz 1 A 3300 Amstetten Austria (72)Name of Inventor: 1)GR,,TER Peter 2)FRYBORT Stephan 3)MLLER Ulrich 4)MAURITZ Raimund
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(57) Abstract:

The present invention relates to a wood composite material that has a density of 200 550 kg/m and a stiffness of 4000 12000 MPa measured in the four point bending test according to EN 789. The wood composite material comprises macro fibres having a fineness coefficient greater than 20 and a binder the binder having a foam structure.

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

(21) Application No.462/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CODING AND INTERLEAVING FOR VERY HIGH THROUGHPUT WIRELESS 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 Number 	:H04B1/02 :61/386827 :27/09/2010 :U.S.A. :PCT/US2011/053465 :27/09/2011 :WO 2012/047652 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)KIM Youhan 2)ZHANG Ning 3)CHEN Chin Hung
. ,	*	3)CHEN Chin Hung
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wireless transmitter can include a plurality of bandwidth modules each bandwidth module processing data based on a predetermined frequency band. In one embodiment such a wireless transmitter can include encoding components for receiving transmit data and generating encoded data. A multiple input multiple output (MIMO) stream parser can receive the encoded data and generate a plurality of MIMO streams. A first module parser coupled to a first MIMO stream can generate a first plurality of partial MIMO streams. A first bandwidth module can include a first interleaver that interleaves bits of the first partial MIMO stream and generates first interleaved data. A second bandwidth module can include a second interleaver that interleaves bits of the second partial MIMO stream and generates second interleaved data. A first inverse fast Fourier transform (IFFT) unit can combine and process the first and second interleaved data and generate a first transmission MIMO stream.

No. of Pages: 40 No. of Claims: 28

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DETECTING PACKET SYNCHRONIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01S19/25 :12/895757 :30/09/2010 :U.S.A. :PCT/US2011/051632 :14/09/2011 :WO 2012/050716 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)LEE Gaspar 2)CHENG Hao Jen
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of providing frame synchronization for GPS signals can include performing coherent bit extraction on the GPS bits and then performing coherent frame boundary detection based on the bits of the coherent bit extraction. Concurrently differential bit extraction on the GPS bits and differential frame boundary detection based on bits of the differential bit extraction can be performed. Whichever of the coherent frame boundary detection and the differential frame boundary detection first finds a frame boundary then that frame boundary is used for the frame synchronization. A method of providing string synchronization for GLONASS signals includes performing coherent and differential bit extraction on the GLONASS bits.

No. of Pages: 58 No. of Claims: 38

(21) Application No.505/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: POLYESTER BASED TAPE PROCESS FOR PRODUCING SAID TAPE AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B29C55/06,C08L67/02,C08J5/18 :10012351.2 :30/09/2010 :EPO :PCT/EP2011/004823 :27/09/2011 :WO 2012/041482 :NA :NA	 (71)Name of Applicant: 1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC) Address of Applicant: P.O. Box 5101 Riyadh 11422 Saudi Arabia 2)STARLINGER & Co. Gesellschaft m. b. H. (72)Name of Inventor: 1)BASHIR Zahir 2)FRST Herbert 3)SCHNEIDER Franz 4)KRAUS Robert 5)LEEB Christian
. ,	:NA :NA	

(57) Abstract:

The invention relates to a tape comprising from (i) about 75 wt% to about 99.9 wt% of a thermoplastic polyester (ii) from about 0.1 wt% to about 25 wt% of a linear low density polyethylene and (iii) from 0 wt% to about 5 wt% of other components said tape having a thickness from 5µm to 300 µm and a width from 0.5mm to 7mm. This tape shows no twinning and sticking to other tapes after slitting has very good mechanical properties. When the tape is wound bobbins having a regular shape can be obtained.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application: 15/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ENERGY CHANGER

(51) International classification(31) Priority Document No(32) Priority Date	:F01K3/18,F01D15/02,F01D25/32 :2010903840 :27/08/2010	(71)Name of Applicant: 1)ESEE PTY LTD Address of Applicant: Level 1 18 Carrara Street Nenowa QLD
(33) Name of priority country	:Australia	4217 Australia
(86) International Application No Filing Date	:PCT/AU2011/001108 :26/08/2011	(72)Name of Inventor : 1)ROBNIK Edward
(87) International Publication No	:WO 2012/024741	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.507/MUMNP/2013 A

(57) Abstract:

(19) INDIA

A self contained energy converter suitable for powering a vehicle for example includes an assembly for gasification of a liquid fuel to produce a combustible gas. A number of burners are provided burn the combustible gas in order to heat a heat exchanger for heating water from a tank to produce wet steam. A superheated steam generator is provided in communication with the heat exchanger and includes a number of heating assemblies arranged to heat cylindrical surfaces for converting the wet steam into a superheated steam. Nozzles are provided to direct the superheated steam to a turbine to produce mechanical motion.

No. of Pages: 33 No. of Claims: 18

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR SHARED SENSING MRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G11C11/16 :61/380832 :08/09/2010 :U.S.A. :PCT/US2011/050779 :08/09/2011 :WO 2012/033884 :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)KIM Jung Pill 2)KIM Tae Hyun
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(57) Abstract:

Resistance memory cells of MRAM arrays are designated as reference cells and programmed to binary 0 and binary 1 states reference cells from one MRAM array at binary 0 and at binary 1 are concurrently accessed to obtain a reference voltage to read resistance memory cells of another MRAM array reference cells from the other MRAM array at binary 0 and binary 1 are concurrently accessed to obtain a reference voltage to read resistance memory cells of the one MRAM array.

No. of Pages: 50 No. of Claims: 45

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : ONLINE REFERENCE GENERATION AND TRACKING FOR MULTI USER AUGMENTED REALITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06T7/00 :61/381344 :09/09/2010 :U.S.A. :PCT/US2011/051109 :09/09/2011 :WO 2012/034092 :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)JIANG Bolan 2)SWAMINATHAN Ashwin 3)SPINDOLA Serafin Diaz 4)AHUJA Dheeraj 5)SWEET III Charles Wheeler
\ /	*	7
(62) Divisional to Application Number Filing Date	:NA :NA	5)5 W 22 III Charles Wheeler

(57) Abstract:

A multi user augmented reality (AR) system operates without a previously acquired common reference by generating a reference image on the fly. The reference image is produced by capturing at least two images of a planar object and using the images to determine a pose (position and orientation) of a first mobile platform with respect to the planar object. Based on the orientation of the mobile platform an image of the planar object which may be one of the initial images or a subsequently captured image is warped to produce the reference image of a front view of the planar object. The reference image may be produced by the mobile platform or by e.g. a server. Other mobile platforms may determine their pose with respect to the planar object using the reference image to perform a multi user augmented reality application.

No. of Pages: 32 No. of Claims: 45

(21) Application No.508/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: MONOLITHIC CERAMIC BODY WITH MIXED OXIDE MARGINAL REGION AND METALLIC SURFACE METHOD FOR PRODUCING IT AND USE THEREOF

(51) International :C04B41/52,C04B41/90,A61L27/10

classification (31) Priority Document No :10186749.7

(32) Priority Date :06/10/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/067492

No :06/10/2011 Filing Date

(87) International Publication :WO 2012/045830

(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)CERAMOSS GMBH

Address of Applicant : Gaisbergstr. 11 A / 2. Stock A 5020

Salzburg Austria

(72)Name of Inventor: 1)LENZ, SORIN

2)RBIG G1/4nter 3)MAHRINGER Christian

4)SCHREINER, ALEXANDER

(57) Abstract:

The present invention relates to a monolithic ceramic body having a mixed oxide marginal region and a metallic surface the ceramic body comprising the oxide of a first metal (I) a mixed oxide marginal region which comprises the oxide of the first metal (I) and the oxide of a further metal (II) having a high affinity for oxygen and a metallic surface comprising the metal (II) on the mixed oxide marginal region the mixed oxide marginal region comprising a continuous concentration gradient of the first metal (I) starting from 100% in the core down to 0% in the transitional region to the metallic surface of the ceramic body based on the total metal content (I+II) and a continuous concentration gradient of the further metal (II) starting from 0% in the core up to 100% in the transitional region to the metallic surface of the ceramic body based on the total metal content (I+II) the oxygen concentration in the mixed oxide marginal region remaining constant and the monolithic structure of the ceramic body having no phase boundaries.

No. of Pages: 46 No. of Claims: 20

(21) Application No.509/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 15/03/2013 (43) Publication Date: 09/05/2014

:NA

(54) Title of the invention: BEARING STEEL EXHIBITING EXCELLENT MACHINABILITY AFTER SPHEROIDIZING ANNEALING AND EXCELLENT RESISTANCE TO HYDROGEN FATIGUE AFTER QUENCHING/TEMPERING

:C22C38/00,C22C38/60 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)JFE STEEL CORPORATION :2010265533 (32) Priority Date :29/11/2010 Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda (33) Name of priority country ku Tokyo 1000011 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/006659 Filing Date 1)HIRAI Yasumasa :29/11/2011 (87) International Publication No :WO 2012/073488 2)UWAI Kiyoshi (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

Provided is a bearing steel that exhibits excellent machinability after spheroidizing annealing and excellent resistance to hydrogen fatigue after quenching/tempering. By using a steel composition containing by mass 0.85 1.10% carbon 0.30 0.80% silicon 0.90 2.00% manganese up to 0.025% phosphorus up to 0.02% sulfur up to 0.05% aluminum 1.8 2.5% chromium 0.15 0.4% molybdenum up to 0.0080% nitrogen up to 0.0020% oxygen and more than 0.0015% but no more than 0.0050% tin with the remainder comprising iron and unavoidable impurities the formation of WEA is effectively inhibited even in environments in which hydrogen penetrates and rolling fatigue life is thus improved. Machinability properties such as cutting and forging performance are also improved.

No. of Pages: 24 No. of Claims: 2

(22) Date of filing of Application: 12/03/2013

(19) INDIA

(21) Application No.469/MUMNP/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: DEVICE FOR MICRONIZATION OF SOLID MATERIALS AND ITS USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B02C13/20 :P20100464A :23/08/2010 :Croatia :PCT/HR2011/000033 :19/08/2011 :WO 2012/025770 :NA :NA	(71)Name of Applicant: 1)LAMBANO TRADING LIMITED Address of Applicant: Kennedy 67 Athienitis Kennedy Park 4th floor Flat/Office 401 CY 1076 Nicosia Cyprus (72)Name of Inventor: 1)LELAS Antonio 2)RAMLJAK Marijan 3)CEPANEC Ivica 4)DRVAR Alojz
Number	*	<i>'</i>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the device for micronization of solid materials. The device is consisting of housing (4) with two discs (6a 6b) separately driven by motors (2a 2b) through axles (3a 3b) in such a manner that mentioned discs (6a 6b) rotate in opposite directions. Each of discs (6a 6b) bears at least two or more wreaths of blades (8a 8b) in such a way that two adjacent wreaths that belongs to different discs do rotate relatively one to another in opposite directions thus forming an area where micronization of material is taking place. The wreaths of blades (8a 8b) of different discs (6a 6b) are faced one against another. All blades (7) of wreaths (8a 8b) are identical of shape of the letter žT and comprise of three wings (7a 7b 7c); wings (7a) and (7b) are dimensionally identical and set under the right angle whereas the wing (7c) is set dimensionally larger that wings (7a 7b). Centerline of all three wings meet each other in the center of the blade (10) on the circle that goes through half of the wreath (8a 8b). In comparison to the prior art the present invention provides increasing of micronization efficiency by 17 19%.

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

(21) Application No.515/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MONOLITHIC GRAPHITIC CASTABLE REFRACTORY

(51) International classification	:C04B35/66,F27D1/16	(71)Name of Applicant:
(31) Priority Document No	:61/376546	1)ALLIED MINERAL PRODUCTS INC.
(32) Priority Date	:24/08/2010	Address of Applicant :2700 Scioto Parkway Columbus OH
(33) Name of priority country	:U.S.A.	43221 U.S.A.
(86) International Application No	:PCT/US2011/048846	(72)Name of Inventor:
Filing Date	:23/08/2011	1)MA Yuechu
(87) International Publication No	:WO 2012/027394	2)DOZA Douglas K.
(61) Patent of Addition to Application	:NA	3)GREEN Timothy M.
Number	:NA	4)GOSKI Dana G.
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A monolithic refractory castable material comprises from about 25 to about 80 weight percent of graphite from about 1 to about 15 weight percent of a water dispersible curable phenolic novolac resin and from about 70 to about 15 weight percent of one or more refractory aggregates based on the weight of the monolithic refractory castable material. The monolithic refractory castable material is water dispersible and may be delivered to a structure surface by casting pumping shotcreting or gunning processes. In one embodiment the monolithic refractory castable material may be employed to install or replace a blast furnace lining.

No. of Pages: 13 No. of Claims: 14

(21) Application No.516/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD AND DEVICE FOR THE PRODUCTION OF A FERTILIZER PRECURSOR AND ALSO OF A FERTILIZER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:10 2010 045 831.7 :20/09/2010 :Germany	(71)Name of Applicant: 1)RH-NSCHOTTER GMBH Address of Applicant: Josef Helfrich Str. 15 97789 Oberleichtersbach Germany (72)Name of Inventor: 1)ENDERS DOUGLAS Anja
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	
(57) Abstract:	•	

(57) Abstract:

The invention relates to a method and also a device for production of a fertilizer precursor or of a fertilizer. The method comprises in this case the following method steps: a) production of an acidic starting solution (05) in which at least one organic acid is present in dissolved form; b) addition of the acidic starting solution (05) to at least one mineral containing substance; c) artificial weathering by the starting solution of the minerals present in the mineral containing substance. The device for producing organomineral fertilizer comprises at least one device for providing an organomineral compound or a mineral containing substance at least one device for at least one mechanical preprocessing of the organomineral compound and at least one solution storage device (50) which has an outflow device (51) which makes possible an outflow of an acidic starting solution (05) onto the provided mechanically pretreated compound wherein an addition of the acidic starting solution (05) to the compound triggers at least the technical weathering of the minerals present in the substrate.

No. of Pages: 37 No. of Claims: 47

(22) Date of filing of Application :30/09/2011 (43) Publication Date: 09/05/2014

(54) Title of the invention: TESTING SQL QUERY WRITING SKILLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F 17/30 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra India (72)Name of Inventor: 1)NANDA Mohit 2)KHANAPURKAR Amol Bhaskar
(87) International Publication No	: NA	3)TENDULKAR Dattatraya
(61) Patent of Addition to Application Number	:NA	4)MURTY Jayanti Venkata Sai Narayana
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2807/MUM/2011 A

(57) Abstract:

(19) INDIA

A system (110) and a method described herein relate to testing SQL query writing skills of at least one participant (P). The system (110) includes an authentication module (212) that authenticates at least one participant (P) for writing an SQL query. The system (110) also includes an execution module (214) that provide access to the at least one participant (P) to an emulated database (108) through a shared pool of configurable computing resources and execute the SQL query of the at least one participant (P) against the emulated database (108). Further, a database scaling module (112) is present in the system (110), to scale the emulated database (108) based on inputs received from the at least one participant (P) to tune performance of the SQL query, and an evaluation module (216) is present in the system (108), to evaluate performance efficiency of the SOL guery against the emulated database (108).

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

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : BEARING STEEL AND INGOT MATERIAL FOR BEARING HAVING HIGH ROLLING FATIGUE LIFE CHARACTERISTICS AND METHOD FOR MANUFACTURING SAME

(32) Priority Date :31/08 (33) Name of priority country (86) International Application No Filing Date :24/05	0194919 8/2010	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan 2)NTN CORPORATION (72)Name of Inventor: 1)HONJO Minoru 2)HASE Kazukuni 3)KIMURA Tatsumi 4)MITAO Shinji
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(57) Abstract:

The present invention has a component composition which comprises 0.56 to 0.70 mass% of C 0.15 mass% or more but less than 0.50 mass% of Si 0.60 to 1.50 mass% of Mn 0.50 to 1.10 mass% of Cr 0.05 to 0.5 mass% of Mo 0.025 mass% or less of P 0.025 mass% or less of S 0.005 to 0.500 mass% of Al 0.0015 mass% or less of O 0.0030 to 0.015 mass% of N and residual Fe and inevitable impurities as the balance and which has an eutectic carbide generation index (Ec) that is 0 < Ec = 0.25 and an Mo segregation degree that is 2.8 or less.

No. of Pages: 46 No. of Claims: 10

(21) Application No.400/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ORIENTED ELECTROMAGNETIC STEEL PLATE

(51) International classification: C23C22/00,B32B15/08,C21D8/12 (71)Name of Applicant:

(31) Priority Document No :2010222916 (32) Priority Date :30/09/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/005455

No 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

:WO 2012/042865

:28/09/2011

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan

(72)Name of Inventor: 1)WATANABE Makoto

2)OKABE Seiji

3)TAKAMIYA Toshito

(57) Abstract:

The present invention is capable of reducing localized film release of an insulating film and as a result obtaining an oriented electromagnetic steel plate with excellent corrosion resistance and insulation characteristics by controlling a and asuch that formulas (1) and (2) are satisfied wherein a (µm) is the film thickness of an insulating coating in the bottom surface section of a linear groove and a (µm) is the insulating coating film thickness of the steel plate surface other than in the linear groove section. 0.3 µma3.5 µm (1); $a/a2.5 \mid (2)$.

No. of Pages: 17 No. of Claims: 2

(21) Application No.533/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: FREE CRYSTAL OF TRICYCLIC PYRAZOLOPYRIMIDINE DERIVATIVE

(51) International classification :C07D495/16,A61K31/519,A61P35/00

(31) Priority Document No :2010186459 (32) Priority Date :23/08/2010

(33) Name of priority

:Japan

country

(86) International Application No :PCT/JP2011/068889

Filing Date :22/08/2011

(87) International Publication No :WO 2012/026433

 (71)Name of Applicant:

1)DAIICHI SANKYO COMPANY LIMITED

Address of Applicant :3 5 1 Nihonbashi Honcho Chuo ku

Tokyo 1038426 Japan (72)Name of Inventor:
1)UEDA Yasusi
2)SUZUKI Nobuyuki
3)OHKI Hitoshi

(57) Abstract:

Filing Date

Provided is a crystal of a tricyclic pyrazolopyrimidine compound that inhibits the action of Hsp90. The present invention provides a crystal of 2 {4 amino 2 [(3 chloro 4 methoxy 5 methylpyridine 2 yl)methyl] 2 7 dihydro 6 thia 1 2 3 5 tetraazabenzo[cd]azulene 8 yl} N methylacetamide that inhibits the activity of Hsp90 ATPase and has antitumor activity and a medicine anticancer agent and the like containing the same.

No. of Pages: 135 No. of Claims: 34

(21) Application No.534/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: DEUTERATED ANALOGS OF PRIDOPIDINE USEFUL AS DOPAMINERGIC STABILIZERS

(51) International (71)Name of Applicant: :C07B59/00,C07D211/24,A61K31/445 classification 1)IVAX INTERNATIONAL GMBH (31) Priority Document No: PA 2010 70385 Address of Applicant : Alpenstrasse 2 CH 8640 Rapperswil (32) Priority Date :03/09/2010 Switzerland (33) Name of priority (72)Name of Inventor: :Denmark 1)SONESSON Clas country (86) International :PCT/EP2011/064954 Application No :31/08/2011 Filing Date (87) International :WO 2012/028635 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

The present invention provides novel deuterated analogs of Pridopidine i.e. 4 (3 methanesulfonyl phenyl) 1 propyl piperidine. Pridopidine is a drug substance currently in clinical development for the treatment of Huntington s disease. In other aspects the invention relates to pharmaceutical compositions 10 comprising a deuterated analog of Pridopidine of the invention and to therapeutic applications of these analogs.

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

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: STEERING APPARATUS FOR A TRACTOR

(51) International classification	:B62D5/07, B62D7/20	(71)Name of Applicant: 1)DAEHO CO.LTD.
(31) Priority Document No	:1020100098573	Address of Applicant :786 Geumam ri Dongi myeon Okcheon
(32) Priority Date	:11/10/2010	gun Chungcheongbuk do 373 831 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor:
(86) International Application No	:PCT/KR2011/003781	1)KIM Joong Ho
Filing Date	:24/05/2011	
(87) International Publication No	:WO 2012/050285	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.490/MUMNP/2013 A

(57) Abstract:

The present invention relates to a steering apparatus for turning a front wheel of a tractor and more particularly to a steering apparatus of a tractor in which a steering cylinder is arranged so as to have a pair of left and right cylinder rods that receive via the hydraulic pressure thereof steering force provided by a user operation of a steering handle to extend/contract in the left and right directions and both ends of each of the left and right cylinder rods is hingedly connected to respective swing links to form a first four bar linkage structure and second four bar linkage structures are installed at the left and right sides of the first four bar linkage structure so as to enable the front wheel to be steered thus enabling the front wheel to have a larger steering angle.

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

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publicat

(43) Publication Date: 09/05/2014

(21) Application No.491/MUMNP/2013 A

(54) Title of the invention: DRIVING CAB IN TRACTOR

(51) International classification	:B60K26/00	(71)Name of Applicant:
(31) Priority Document No	:1020100098604	1)DAEHO CO.LTD.
(32) Priority Date	:11/10/2010	Address of Applicant :786 Geumam ri Dongi myeon Okcheon
(33) Name of priority country	:Republic of Korea	gun Chungcheongbuk do 373 831 Republic of Korea
(86) International Application No	:PCT/KR2011/003782	(72)Name of Inventor:
Filing Date	:24/05/2011	1)KIM Joong Ho
(87) International Publication No	:WO 2012/050286	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a driving cab in a tractor comprising: a hollow portion on the bottom surface of the driving cab; a rotatable hollow shaft which is formed with the hollow portion at the center; a driver s seat an operation control device and a driving device which are fixedly mounted on the hollow shaft so that the driver s seat the operation control device and the driving device rotate according to the rotation of the hollow shaft thereby allowing the driver to operate smoothly while working from the front by rotating in the direction of operation the operation control device and the driving device along with the driver s seat and facilitating driving forward or backward by allowing the rotation of the operation control device and the driving device along with the driver s seat when driving the tractor forward or backward.

No. of Pages: 30 No. of Claims: 16

AND A METHOD FOR FILLING THE BAGS

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(21) Application No.536/MUMNP/2013 A

(54) Title of the invention: A COATED FABRIC A BAG PRODUCED THEREFROM A PACKAGING MACHINE FOR BAGS

(51) International :B32B27/12,B32B27/32,D06N3/00 classification

(31) Priority Document No :61/394816

(32) Priority Date :20/10/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2011/068198

No :18/10/2011 Filing Date

(87) International Publication :WO 2012/052445

(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)STARLINGER & CO GESELLSCHAFT M.B.H.

Address of Applicant : Sonnenuhrgasse 4 A 1060 Wien Austria

2)DOW GLOBAL TECHNOLOGIES LLC

3)HAVER & BOECKER OHG

72)Name of Inventor:

1)ARROYO VILLAN Maria Isabel

2)SCHTTE Thomas 3)SCHNEIDER Franz

(57) Abstract:

A coated fabric (11) comprising a fabric (12) from polymer tapes (12a 12b) wherein the fabric (12) is coated with a sealing layer (13) wherein at least a portion of the polymer tapes (12a 12b) have a breaking tenacity of less than 45 cN/tex preferably 15 to 40 cN/tex and an elongation at break of more than 30% preferably of 40 to 90% and/or wherein the sealing layer (13) is formed from a composition A comprising at least one ethylene/a olefin interpolymer and wherein the composition has a density from 0.905 to 0.930 g/cc preferably from 0.910 to 0.930 g/cc (1 cc = 1 cm) and a melt index (12) from 3 to 20 g/10min and a bag comprising said fabric; a packaging machine (100) for filling gusseted (220) bags (10 200) wherein the bag walls (202) of the bags (10 200) consist of a woven fabric (11) of polymer tapes (12a 12b) at least in part and wherein each of the ends (203 204) of the bag wall (202) is provided with a filling mouth (211) for filling wherein a closing device (125) is provided which is structured such that as the filling mouth (211) is closed a welding temperature of at least 50 Kelvin higher in the region of the gussets (220) than in a center region (223) of the bag wall (202) can be generated.

No. of Pages: 39 No. of Claims: 55

(22) Date of filing of Application: 08/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: NON CHROMIC INSULATING COATING FOR NON ORIENTED SILICON STEEL

(51) International :C09D5/25,C09D163/00,C09D7/12 classification

(31) Priority Document No :201010296557.6 (32) Priority Date :29/09/2010

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

:PCT/CN2011/072727 :13/04/2011

Filing Date :WO 2012/041052

(87) International Publication 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)BAOSHAN IRON & STEEL CO. LTD.

Address of Applicant :No.885 Fujin Road Baoshan District

Shanghai 201900 China (72)Name of Inventor:

1)XU Yunpeng 2)YANG Yongjie 3)LI Dengfeng 4)JI Yaming 5)ZHAO Zipeng

6)CHEN Lingyun 7) CHEN Xiao 8)HUANG Jie

(57) Abstract:

A non chromic insulating coating for non oriented silicon steel comprises in weight parts the following components: 100 parts of metal dihydrogen phosphate 10 60 parts of epoxy resin 0.001 10 parts of naphthenate or metal isooctoate as drier 0.001 100 parts of organic solvent 60 2000 parts of pure water. The metal dihydrogen phosphate is Al(HPO) Mg(HPO) Ca(HPO) or Zn(HPO). The epoxy resin is water soluble epoxy resin or epoxy resin latex. After being applied onto the non oriented silicon steel the insulating coating has highly transparent external appearance excellent insulating property resistance to corrosion adhesiveness weldability manufacturability and eco friendliness and eliminates the defects of pastiness and low abrasion resistance of non chromic coating.

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

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: REQUEST TO SEND (RTS) AND CLEAR TO SEND (CTS) FOR MULTICHANNEL OPERATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W28/20 :61/385462 :22/09/2010 :U.S.A. :PCT/US2011/052810 :22/09/2011 :WO 2012/040495 :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)MERLIN Simone 2)ABRAHAM Santosh Paul 3)FREDERIKS Guido Robert 4)JONES Vincent Knowles IV 5)WENTINK Maarten Menzo
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(57) Abstract:

Certain aspects of the present disclosure provide techniques and apparatus for signaling the bandwidth to be used for wireless communications using an RTS/CTS (Request to Send/Clear to Send) frame exchange providing for bandwidths of at least 20 MHz 40 MHz 80 MHz 160 MHz or higher. This exchange of bandwidth information may be performed implicitly by determining the channels in which the RTS/CTS frames are actually sent or explicitly. In addition to this bandwidth information exchange aspects of the present disclosure may also allow for Network Allocation Vector (NAV) protection in multiple channels. In this manner the wireless medium may be reserved and the transmission may be protected from hidden nodes.

No. of Pages: 75 No. of Claims: 103

(21) Application No.497/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR DETERMINING CONTROL FIELD AND MODULATION CODING SCHEME INFORMATION

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 10. S.A. 10. PCT/US2011/054071 10. PCT/US2011/05	of Applicant :Attn: International Ip Administration touse Drive San Diego California 92121 U.S.A. of Inventor: ATH Hemanth
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(57) Abstract:

The application involves a method for wireless communication and apparatus thereof comprising: receiving a first frame having a control field; determining whether the control field comprises a first type or a second type based at least in part on the control field; and processing the control field based on the determined type.

No. of Pages: 48 No. of Claims: 41

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: EMERGENCY OVERRIDE OF BATTERY DISCHARGE PROTECTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02J7/00,H04B1/16,H04W52/02 :12/893892 :29/09/2010 :U.S.A.	(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.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2011/052774 :22/09/2011 :WO 2012/050782	 (72)Name of Inventor: 1)PADDON Michael W. 2)BROWN Craig M. 3)NORTHWAY Craig W. 4)PURSER Jessica M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

An apparatus system and method for overriding battery discharge protection in a mobile communication device in the presence of an emergency communication. The method of overriding battery discharge protection in a mobile communication device comprises determining a measured battery voltage (300); determining an excess battery discharge condition (310) wherein further battery discharge will result in an impaired ability to recharge a battery; detecting an emergency communication state (320); disabling battery discharge protection in response to the emergency communication state (330); and continuing discharge of the battery (350).

No. of Pages: 23 No. of Claims: 56

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MITIGATING RELAY INTERFERENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W72/08 :61/382841 :14/09/2010 :U.S.A. :PCT/US2011/051211 :12/09/2011 :WO 2012/037025	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)LIN Dexu 2)PALANKI Ravi
(86) International Application No	:PCT/US2011/051211	
(61) Patent of Addition to Application	:WO 2012/037025 :NA	2)PALANKI Ravi 3)GORE Dhananjay Ashok
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

etc.Methods and apparatuses are provided that include selecting resources for assigning to a device to mitigate relay self interference when also communicating with a base station. The resources can be selected based on one or more factors such as based on resources that are negotiated with the base station or based on resources indicated as not desired for allocation from the base station. In other examples reference signals and control data can be communicated such as to mitigate relay self interference as well.

No. of Pages: 60 No. of Claims: 86

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DIMMING TECHNIQUES FOR EMISSIVE 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 	:G09G3/32 :12/873963 :01/09/2010 :U.S.A. :PCT/US2011/050074 :31/08/2011 :WO 2012/031030	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)RABII Khosro M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This describes power saving techniques for emissive displays. In one example a method includes detecting a static mode in an emissive display mapping input signals to adjusted signals for a plurality of emissive elements of the emissive display based on magnitudes of the input signals and applying the adjusted signals to selectively dim output of the plurality of emissive elements in response to detecting the static mode. The techniques may achieve effects in an emissive display that are similar or better than effects of a transmissive display when the backlight is dimmed.

No. of Pages: 44 No. of Claims: 50

(21) Application No.500/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 15/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: GLASS WITH PHOTOCATALYTIC FUNCTION

(51) International classification :B01J35/02,A61L9/00,A61L9/01 (71)Name of Applicant :

(31) Priority Document No :2010206913 (32) Priority Date :15/09/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/071078

No

:15/09/2011 Filing Date

(87) International Publication No: WO 2012/036231

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)International Frontier Technology Laboratory Inc. Address of Applicant : KYODO TSUSHIN BLDG: 2-5.

TORANOMON 2-CHOME, MINATO-KU, TOKYO 105-0001

Japan

(72)Name of Inventor: 1)KOMATSU Nobuaki

2)ITO Tomoko 3)NAGAI Hiroki 4)NANJO Shin ichiro

(57) Abstract:

The present invention obtains an inexpensive material with a photocatalytic function. A photocatalyst is obtained by halogenation of a glass fiber with silicon dioxide in the composition thereof. Molten quartz soda lime glass alkali free glass or borosilicate glass can be used for the glass. Hydrofluoric acid hydrochloric acid and hydrobromic acid can be used in the hydrohalogen acid but hydrofluoric acid is most desirable. The form may be granular fibrous or sheet form. The glass exhibits a photocatalytic function even with non ultraviolet visible light and has a water repelling effect. This glass is capable of decomposing organic matter and the plate form is used as window glass for buildings and as window glass for vehicles and other transportation devices. The fibrous form is used as a filter for air suction and discharge devices.

No. of Pages: 23 No. of Claims: 12

(21) Application No.546/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD FOR IMPROVING ACCURACY IN A PERISTALTIC PUMP SYSTEM BASED ON **TUBING MATERIAL PROPERTIES**

(51) International :A61M5/142,F04C5/00,A61M39/08

classification

:61/388888

(31) Priority Document No (32) Priority Date

:01/10/2010

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

(86) International Application :PCT/US2011/054037 No

:29/09/2011

Filing Date

(87) International Publication :WO 2012/044837

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

:NA

Filing Date (62) Divisional to Application :NA

:NA

Number Filing Date

:NA

(57) Abstract:

(71)Name of Applicant:

1)ZEVEX INC.

Address of Applicant: 4314 Zevex Park Lane Salt Lake City

UT 84123 U.S.A.

(72)Name of Inventor: 1)EGGERS Philip

A method for forming peristaltic pump cassettes includes cutting tubing segments to different lengths based on the physical properties of the individual tubing segments. The size variations compensate for the physical parameters of the tube and improve accuracy in a peristaltic pump using the cassettes.

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: BASE STATION TERMINAL TRANSMISSION METHOD AND RECEPTION METHOD

(71)Name of Applicant: (51) International :H04J11/00,H04W28/06,H04W72/04 classification 1)PANASONIC CORPORATION (31) Priority Document No Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka :2010228713 (32) Priority Date :08/10/2010 5718501 Japan (33) Name of priority (72)Name of Inventor: :Japan 1)HORIUCHI Avako country (86) International 2)YUDA Yasuaki :PCT/JP2011/005338 Application No 3)NAKAO Seigo :22/09/2011 Filing Date (87) International :WO 2012/046403 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

Provided are a base station a terminal a transmitter apparatus and a transmission method that can allow the data processing on a reception side to have a margin irrespective of the time position of a resource region in which control information is mapped. In a base station (100) a subframe type determining unit (101) determines in accordance with an arrangement pattern that is applied to the local base station apparatus and that is one of a plurality of arrangement patterns that are different between downstream and upstream subframe arrangements in time division multiplex whether a subframe to be determined is a first type of subframe in which control information can be mapped only to a PDCCH region or a second type of subframe in which the control information can be mapped to both the PDCCH region and an R PDCCH region. Further an allocation region candidate determining unit (102) determines on the basis of a result of the determination by the subframe type determining unit (101) a mapping region in which the control information is mapped in the PDCCH or R PDCCH region in the subframe to be determined.

No. of Pages: 77 No. of Claims: 14

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: AEROSOL DETECTION

(51) International classification :G01W1/08,G01N15/06 (71)Name of Applicant : (31) Priority Document No 1)NATURAL ENVIRONMENT RESEARCH COUNCIL :1016222.0 (32) Priority Date :27/09/2010 Address of Applicant : Polaris House North Star Avenue (33) Name of priority country Swindon Wiltshire SN2 1EU U.K. :U.K. (86) International Application No :PCT/GB2011/051757 2)SECRETARY OF STATE FOR DEFENCE Filing Date 3)UNIVERSITY OF LEEDS :19/09/2011 (87) International Publication No :WO 2012/042242 (72)Name of Inventor: (61) Patent of Addition to Application 1)WOOLLEY Alan Michael :NA

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

2)MOBBS Stephen David 3)HAYWARD James Matthew

(57) Abstract:

Aerosol detection apparatus comprises an aircraft having a dielectric member such as a window (10) comprised in the body (12) thereof such that a surface of the dielectric member forms part of the exterior surface of the aircraft. Detection means (16) such as a static monitor is located on the inside of the aircraft and arranged to detect an electric field resulting from polarisation of the dielectric member. The output of the static monitor or the rate of change thereof correlates closely to particle density as the aircraft is flown though an aerosol such as a volcanic ash cloud. The apparatus is simple and relatively inexpensive and may comprise any general purpose aircraft. Aerosol particles may be detected and mapped using apparatus of the invention more easily and quickly than by use of devices such as optical spectrometers mounted on dedicated research aircraft or static monitors mounted on the exterior of an aircraft.

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

(21) Application No.470/MUMNP/2013 A

3)JACKMAN Richard B.

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: ELECTRON MULTIPLIER DEVICE HAVING A NANODIAMOND LAYER

(51) International classification :H01J43/18,H01J9/12,H01J1/32 (71)Name of Applicant : (31) Priority Document No 1)PHOTONIS FRANCE :10 57276 (32) Priority Date :13/09/2010 Address of Applicant : Avenue Roger Roncier F 19100 Brive (33) Name of priority country :France (86) International Application No :PCT/EP2011/065674 (72)Name of Inventor: Filing Date :09/09/2011 1)NTZEL Gert (87) International Publication No :WO 2012/034948 2)LAVOUTE Pascal

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

NA

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

(57) Abstract:

The invention relates to an electron multiplier (1) for a system for detecting electromagnetic radiation or an ion flow. The multiplier (1) comprises at least one active structure (2) for receiving a flow of incident electrons and for emitting a flow of so called secondary electrons in response. Said active structure (2) comprises a substrate (3) on which a thin nanodiamond layer (4) is arranged wherein said layer consists of diamond particles the average size of which is no greater than 100 nm.

No. of Pages: 28 No. of Claims: 17

(21) Application No.471/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: FUSED HETEROARYLS AND THEIR USES

(51) International

:C07D471/04,C07D471/14,C07D487/04

classification

(31) Priority Document

:PCT/CN2010/076996

(32) Priority Date (33) Name of priority

:16/09/2010 :China

:15/09/2011

country

No

(86) International :PCT/CN2011/079684

Application No Filing Date

(87) International

:WO 2012/034526 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)HUTCHISON MEDIPHARMA LIMITED

Address of Applicant : Building 4 720 Cailun Road ZJ. Hi tech

Park Shanghai 201203 China

(72)Name of Inventor:

1)SU Weiguo 2)ZHANG Weihan 3)YANG Haibin

(57) Abstract:

Provided are certain fused heteroaryls compositions thereof and methods of use therefor.

No. of Pages: 98 No. of Claims: 19

(21) Application No.514/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE EVALUATION OF RENAL INJURY USING HYALURONIC ACID

		(71)Name of Applicant :
(51) International classification	:C08B37/08,G01N33/50	1)ASTUTE MEDICAL INC.
(31) Priority Document No	:61/386421	Address of Applicant :Blg 2 R. 645 3550 General Atomics
(32) Priority Date	:24/09/2010	Court San Diego CA 92121 U.S.A.
(33) Name of priority country	:U.S.A.	2)UNIVERSITY OF PITTSBURGH OF THE
(86) International Application No	:PCT/US2011/053015	COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Filing Date	:23/09/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/040592	1)ANDERBERG Joseph
(61) Patent of Addition to Application	:NA	2)GRAY Jeff
Number	:NA :NA	3)MCPHERSON Paul
Filing Date	.IVA	4)NAKAMURA Kevin
(62) Divisional to Application Number	:NA	5)KAMPF James Patrick
Filing Date	:NA	6)SINGBARTI Kai
		7)KELLUM John A. Jr.

(57) Abstract:

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using assays that detect one or more of hyaluronic acid (HA) as diagnostic and prognostic biomarker assays in renal injuries.

No. of Pages: 68 No. of Claims: 39

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: INTRA SMOOTHING FILTER FOR VIDEO CODING

(51) International classification	:H04N7/26,H04N7/34	(71)Name of Applicant:
(31) Priority Document No	:61/389173	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/10/2010	Address of Applicant :5775 Morehouse Drive San Diego CA
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US2011/054130	(72)Name of Inventor:
Filing Date	:30/09/2011	1)VAN DER AUWERA Geert
(87) International Publication No	:WO 2012/044886	2)WANG Xianglin
(61) Patent of Addition to Application	:NA	3)COBAN Muhammed Zeyd
Number	:NA	4)KARCZEWICZ Marta
Filing Date	.11/1	5)ZHENG Yunfei
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates to techniques for reducing the amount of additional data encoded with a block encoded using intra predictive coding. Particularly the techniques provide apparatus and methods of applying a smoothing filter to prediction samples used in intra predictive coding. For example in fixed mode dependent intra predictive coding a video encoder may determine the type of smoothing filter applied to prediction samples based on block size and intra prediction mode combination associated with the current block where the combination is used to look up a filter in a first filter table. In adaptive mode dependent intra predictive coding the encoder uses two filters one from the first filter table and another from a second filter table applies both filters and determines which yields better results. When the second filter table filter yields better results the encoder encodes a filtering indication. When a filter from the first filter table is used no filtering indication is encoded.

No. of Pages: 65 No. of Claims: 47

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: HIGH DYNAMIC RANGE IMAGE SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N5/355 :12/873981 :01/09/2010 :U.S.A. :PCT/US2011/050068 :31/08/2011 :WO 2012/031026 :NA :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)ATANASSOV Kalin M. 2)VELARDE Ruben M. 3)HWANG Hau
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(21) Application No.494/MUMNP/2013 A

(57) Abstract:

This disclosure describes techniques for producing high dynamic range images by applying a variable weighting factor to a sample prior to combining the sample with another sample. In one example a method includes sampling a first pixel cell signal at a first time to produce a first sample sampling a second pixel cell signal at a second time to produce a second sample applying a variable weighting factor to the second sample wherein the variable weighting factor is defined based on a function and combining the first sample and the weighted second sample.

No. of Pages: 44 No. of Claims: 36

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR LOW COMPLEXITY COMPRESSION OF SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03M7/30 :61/381692 :10/09/2010 :U.S.A. :PCT/US2011/050980 :09/09/2011 :WO 2012/034006 :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)BAHETI Pawan Kumar 2)GARUDADRI Harinath 3)CHI Yuejie
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(57) Abstract:

Certain aspects of the present disclosure relate to techniques for low complexity encoding (compression) of broad class of signals which are typically not well modeled as sparse signals in either time domain or frequency domain. First the signal can be split in time segments that may be either sparse in time domain or sparse in frequency domain for example by using absolute second order differential operator on the input signal. Next different encoding strategies can be applied for each of these time segments depending in which domain the sparsity is present.

No. of Pages: 62 No. of Claims: 57

(21) Application No.542/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CODING PREDICTION MODES IN VIDEO CODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/389111 :01/10/2010 :U.S.A. :PCT/US2011/054229 :30/09/2011 :WO 2012/044935 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)CHIEN Wei Jung 2)KARCZEWICZ Marta 3)WANG Xianglin
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A video encoder can maintain by generating storing adjusting altering and/or updating one or more variable length coding (VLC) tables that represent a mapping of prediction modes to codewords. One or more codewords representing a selected prediction mode can be communicated to the decoder for a CU of a frame. The decoder maintains one or more VLC tables that match the VLC tables maintained by the video encoder. Thus based on the one or more codewords received from the video encoder the video decoder can determine the prediction mode used to encode a CU.

No. of Pages: 61 No. of Claims: 80

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR ACCESSING DEVICE BASED ON INTUITIVE SELECTION

(51) International classification: H04B7/26, H04W76/02, H04B1/40 (71) Name of Applicant: (31) Priority Document No :1020100101037 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon (32) Priority Date :15/10/2010 (33) Name of priority country si Gyeonggi do 443 742 Republic of Korea :Republic of Korea (86) International Application (72)Name of Inventor: :PCT/KR2011/007645 1)HAM Seong II No :14/10/2011 Filing Date 2)KIM Young Ki (87) International Publication 3)KIM Jin Hyoung :WO 2012/050385 4)KANG Shin II (61) Patent of Addition to 5)LEE Jin Wook :NA **Application Number** 6)PARK Hyung Jun :NA Filing Date 7)LEE Yang Un (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method and apparatus of a first device for selecting at least one of a plurality of second devices to be accessed. The method includes transmitting pieces of media data to the corresponding plurality of second devices one to one and determining at least one of the plurality of second devices to be accessed by the first device according to a user s selection on the basis of the pieces of media data being reproduced by both the first device and each of the plurality of second devices.

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

(22) Date of filing of Application :28/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: NUTRITIONAL SUPPLEMENTS FROM GREEN LEAFY VEGETABLES.

(51) International classification :A23L1/00,A23L1/20,A23L1/212 (71)Name of Applicant:

:30/08/2011

(31) Priority Document No :2411/MUM/2010 (32) Priority Date :30/08/2010

(33) Name of priority country :India

(86) International Application :PCT/IN2011/000591

Filing Date

(87) International Publication :WO 2012/029075

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

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

1)SAVANGIKAR Chitra Vasant

Address of Applicant: 2 Rameshwar Apartment Near Mahila Bank Indiranagar Nashik 422 009 MAHARASHTRA, INDIA

2)SAVANGIKAR Vasant Anantrao

(72)Name of Inventor:

1)SAVANGIKAR Chitra Vasant 2)SAVANGIKAR Vasant Anantrao

(57) Abstract:

This invention discloses packaged nutritional supplements that have nutritional ingredients derived from green leafy vegetation that shall collectively or singly be useful to fulfill the daily need of supplementation from one or more of a nutrient from green leafy vegetation. One embodiment of this invention discloses a novel packaged composition that comprises at least one fraction of a green leafy vegetation and at least one more ingredient to improve its usability and is source of at least one nutritional ingredient selected from the group dietary fiber beta carotene iron calcium xanthophylls folic acid and lysine plus methionine and cystine; wherein the fraction comprises a fibrous fraction a water soluble deproteinized juice fraction and a water insoluble high protein low fiber fraction as fourth primary fraction. In one embodiment of invention the contribution of at least one nutrient to the nutrient content of the composition from green leafy vegetation or its fraction is a least 15% of at least content of one nutrient of the composition. Also disclosed is a novel packaged composition comprising pulp of whole edible green leafy vegetation and at least one component of flax seed in the form of a soup or a food bar. The component of flax seed may be one or more selected from the group of whole flax seed flax seed cake or flax oil.

No. of Pages: 45 No. of Claims: 16

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 09/05/2014

:NA

(54) Title of the invention : METHOD AND SYSTEM FOR VISUALIZING AN ADAPTIVE SCREEN ACCORDING TO A TERMINAL

(51) International classification :H04W8/24,H04W88/18 (71)Name of Applicant : (31) Priority Document No 1)SK PLANET CO. LTD. :1020100094963 (32) Priority Date Address of Applicant: 11 Euljiro 2 ga Jung gu Seoul 100 999 :30/09/2010 (33) Name of priority country :Republic of Korea Republic of Korea (72)Name of Inventor: (86) International Application No :PCT/KR2011/004169 Filing Date :08/06/2011 1)BAE Tae Meon (87) International Publication No :WO 2012/043962 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to a method and system for visualizing an adaptive screen according to a terminal wherein when a user terminal transmits a system profile to a cloud apparatus the cloud apparatus generates a list of candidate screen visualization techniques which can be used in the terminal from the system profile transmitted from the terminal checks an apparatus loading amount and processing possibility for each technique and determines an optimal screen visualization technique candidate on the basis of an available resource of an apparatus and a system profile of a terminal according to web service possibility RDP(Remote Desktop Protocol)/VNC(Virtual Network Computing) processing possibility and video streaming processing possibility thereby expanding the number of users and the kinds of terminals capable of being processed in an apparatus. An adaptive screen visualization system according to the terminal of the present invention comprises: a user terminal transmitting system profile information including web browser performance video streaming replay function RDP(Remote Desktop Protocol)/VNC(Virtual Network Computing) client driving possibility network status resolution and requesting service to an apparatus through a communication network and receiving screen visualization service based on the system profile information from the apparatus; and a cloud apparatus receiving the system profile information from the user terminal through a communication network generating a list of candidate screen visualization techniques that can be used by the user terminal from the system profile information checking an apparatus loading amount and processing possibility for each technique to determine a screen visualization technique and providing screen visualization service to the user visualization using the determined screen visualization technique.

No. of Pages: 53 No. of Claims: 20

(22) Date of filing of Application :20/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : TISSUE PROTECTIVE DEVICE FOR CORONARY SINUS AND TRICUSPID VALVE KNOT DELIVERY DEVICE AND DEVICE FOR MITRAL VALVE CERCLAGE CONTAINING SAME

(31) Priority Document No (32) Priority Date	:A61F2/24,A61F2/04,A61M25/01 :NA :NA	1)KIM June Hong Address of Applicant :312(dong) 1102(ho) Namcheon Samik
(33) Name of priority country (86) International Application	:NA	Beach Apt. Namcheondong Suyeong gu Busan 613 751 Republic of Korea
No Filing Date	:PCT/KR2010/006632 :29/09/2010	(72)Name of Inventor : 1)KIM June Hong
(87) International Publication No	:WO 2012/043898	
(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 device for mitral valve cerclage which is used on mitral valve cerclage patients with mitral regurgitation and the device safely and effectively transfers and maintains the final appropriate tension required for cerclage. The device for mitral valve cerclage of the present invention for protecting the tissues of the coronary sinus and the tricuspid valve and for delivering a knot to maintain the tension of a cerclage string comprises: (A) a tissue protective device (20) comprising a tube for the coronary sinus (22) which is a hollow cylindrical tube for protecting the tissue of the coronary sinus a tube for the tricuspid valve (24) which is a hollow cylindrical tube for protecting the tissues of the tricuspid valve and the ventricular septum and a stalk portion (26) in which the tube for the coronary sinus and the tube for the tricuspid valve are extended to be fixed and combined to each other; and (B) a knot delivery device (30) which is a hollow catheter and has an openable/closable open/close portion (32) at one end and a through hole (34) formed longitudinally at a lateral side of the open/close portion.

No. of Pages: 31 No. of Claims: 17

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DATA GOVERNANCE FOR EMAIL 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 	:G06F3/00 :12/861953 :24/08/2010 :U.S.A. :PCT/IL2011/000077 :23/01/2011 :WO 2012/025913 :NA	(71)Name of Applicant: 1)VARONIS SYSTEMS INC. Address of Applicant: 499 7th Avenue 23rd Floor South Tower New York New York 11018 U.S.A. (72)Name of Inventor: 1)KORKUS Ohad 2)FAITELSON Yakov 3)KRETZER KATZIR Ophir 4)BASS David
Number Filing Date	:NA	_ ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An enterprise email governance system including an enterprise wide email communication item events monitoring subsystem providing at least near real time indications of email communication item events and an enterprise wide email communication item events storage subsystem receiving inputs from the monitoring subsystem and providing at least near real time user accessibility to the email communication item events.

No. of Pages: 35 No. of Claims: 60

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention : COMPOUNDS AS MODULATORS OF A MUTANT CFTR PROTEIN AND THEIR USE FOR TREATING DISEASES ASSOCIATED WITH CFTR PROTEIN MALFUNCTION

(51) International classification :C07D219/10,C07D473/30,C07F9/30

(31) Priority Document No :P392 397 (32) Priority Date :14/09/2010 (33) Name of priority

country :Poland

(86) International :PCT/PL2011/000060 Application No

Filing Date :20/06/2011

(87) International Publication No :WO 2012/036573

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

(71)Name of Applicant:

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Address of Applicant :ul. Pawinskiego 5A PL 02 106

Warszawa Poland
(72)Name of Inventor:
1)ODOLCZYK Norbert
2)ZIELENKIEWICZ Piotr

2)ZIELENKIEWICZ Piotr 3)WIECZOREK Grzegorz 4)EDELMAN Aleksander 5)TONDELIER Danielle 6)FRITSCH Janine

(57) Abstract:

The present invention relates to novel protein modulators capable of altering function of the mutant CFTR protein and their use for treating diseases associated with CFTR protein malfunction. The invention provides compositions pharmaceutical preparations and methods of correcting the cellular alteration of a mutant CFTR protein wherein the CFTR mutation is a mutation AF508 CFTR or another mutation of class II.

No. of Pages: 46 No. of Claims: 21

(22) Date of filing of Application :25/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR RESETTING PHOTOCONDUCTIVE X-RAY IMAGING **DETECTORS**

(51) International classification: H04N5/32,G01T1/29,H01L31/08 (71) Name of Applicant:

:WO 2012/034229

(31) Priority Document No :61/382368 (32) Priority Date :13/09/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2011/050556

:13/09/2011

Filing Date

(87) International Publication No

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)THUNDER BAY REGIONAL RESEARCH INSTITUTE

Address of Applicant: 980 Oliver Road Thunder Bay Ontario

P7B 6V4 Canada

(72)Name of Inventor:

1)ROWLANDS John

2)DECRESCENZO Giovanni

3)POKHREL Chandra

4)REZNIK Alla

(57) Abstract:

Systems and methods of resetting a blocking type photoconductive imaging detector are provided. In one embodiment after having obtained an image the imaging detector may be reset by applying a reversed bias potential difference and illuminating the imaging radiation detector with photoexcitation radiation. The photoexcitation radiation has a wavelength selected to excite mobile charges within the photoconductive layer and a spatial intensity profile related to the measured image for neutralizing the trapped charges in a spatially compensated manner. In another embodiment a photoionizing beam is directed onto an x ray light valve having a liquid crystal layer in contact with a photoconductive layer. The beam passes through an optically transmissive surface of the x ray light valve and photoionizes a species within the liquid crystal layer generating mobile charged entities that at least partially neutralize charges trapped at the interface improving the performance of the x ray light valve when performing subsequent x ray imaging.

No. of Pages: 99 No. of Claims: 54

(22) Date of filing of Application :20/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD TO OPTIMIZE AND REDUCE INTEGRATED CIRCUIT PACKAGE DESIGN AND VERIFICATION CYCLE TIME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:22/09/2011 :WO 2012/040450 :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)LANE Ryan D. 2)ZANG Ruey Kae
\ <i>)</i>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for fabricating an integrated circuit (IC) product and IC product formed thereby. The method includes designing an IC package having a plurality of IC connection sets each configured to be connected to a corresponding IC selected from among a plurality of ICs each having different functionality. Various IC products can be produced depending upon which selected IC is connected to its corresponding connection set and the IC package can be cut during design to exclude IC connection sets corresponding to ICs that are not selected. By testing the complete IC package a portion of the complete IC package can be fabricated cut from the complete IC package with significantly reduced design and testing requirements.

No. of Pages: 25 No. of Claims: 33

(22) Date of filing of Application :27/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : SOLAR ENERGY GENERATION METHOD AND SYSTEM USING BIOMASS BOILER AS AUXILIARY HEAT 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03G6/06,F01K11/02 :201010298986.7 :29/09/2010 :China :PCT/CN2011/078241 :11/08/2011 :WO 2012/041125 :NA :NA	(71)Name of Applicant: 1)WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTECO. LTD. Address of Applicant: T1 Jiangxia Avenue Miaoshan Development Zone Jiangxia District Wuhan Hubei 430212 China (72)Name of Inventor: 1)YANG Qingping 2)ZHANG Yanfeng 3)LI Hong
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(57) Abstract:

Disclosed is a solar energy generation system using a biomass boiler (6) as an auxiliary heat source comprising a solar energy light gathering and heat collecting device a biomass boiler (6) a turbine generator system wherein the solar energy light gathering and heat collecting device uses water as a working medium and adopts medium pressure solar energy vacuum heat collecting pipes (13) in a serial/parallel matrix combination an outlet of the solar energy light gathering and heat collecting device is in communication with a bottom of a drum (6a) of the biomass boiler (6) via a second control valve (22) and a steam outlet of the biomass boiler drum (6a) is connected with a cylinder (3) of a turbine generator (1). The generation system uses the solar heat source and the biomass heat source alternatively according to weather variations so the system operates stably thereby improving the device utilization. Further disclosed is a generation method using the generation system.

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

(21) Application No.584/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : INTERNAL COMBUSTION ENGINE INCLUDING CRANKSHAFT THAT IS ROTATED WHILE ENGINE IS IN A NON FUELED MODE AND METHOD OF OPERATING AN 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 	:F02N11/00 :NA :NA :NA :PCT/US2010/053329 :20/10/2010 :WO 2012/054025 :NA :NA	(71)Name of Applicant: 1)MACK TRUCKS INC. Address of Applicant: 7900 National Service Road Greensboro NC 27409 U.S.A. (72)Name of Inventor: 1)JERWICK John 2)BARTEL John B.
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of operating an engine includes starting and stopping operation of an internal combustion engine that includes a crankshaft having a bearing journal and a bearing in which the bearing journal is rotatable. The crankshaft is constantly turned when the internal combustion engine is in the non fueled mode. An oil pump can be driven to lubricate the bearing journal and the bearing while the internal combustion engine is in the non fueled mode to provide hydrodynamic lubrication. An engine is also disclosed.

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MODULATION OF TIMP1 AND TIMP2 EXPRESSION

(51) International classification :A61K31/713,C07H21/02 (71)Name of Applicant : (31) Priority Document No 1)NITTO DENKO CORPORATION :61/388572 (32) Priority Date :30/09/2010 Address of Applicant: 1 2 Shimohozumi 1 chome Ibaraki shi (33) Name of priority country Osaka 567 8680 Japan :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2011/053496 Filing Date :27/09/2011 1)NIITSU Yoshiro (87) International Publication No :WO 2012/044620 2)TAKAHASHI Hirokazu (61) Patent of Addition to Application 3)TANAKA Yasunobu :NA 4)FEINSTEIN Elena :NA Filing Date 5)AVKIN NACHUM Sharon (62) Divisional to Application Number :NA 6)KALINSKI Hagar Filing Date 7)METT Igor :NA

(57) Abstract:

Provided herein are compositions methods and kits for modulating expression of target genes particularly of tissue inhibitor of metalloproteinase 1 and of tissue inhibitor of metalloproteinase 2 (TIMP1 and TIMP2 respectively). The compositions methods and kits may include nucleic acid molecules (for example short interfering nucleic acid (siNA) short interfering RNA (siRNA) double stranded RNA (dsRNA) micro RNA (miRNA) or short hairpin RNA (shRNA)) that modulate a gene encoding TIMP1 and TIMP2 for example the gene encoding human TIMP1 and TIMP2. The composition and methods disclosed herein may also be used in treating conditions and disorders associated with TIMP1 and TIMP2 including fibrotic diseases and disorders including liver fibrosis pulmonary fibrosis peritoneal fibrosis and kidney fibrosis.

No. of Pages: 217 No. of Claims: 145

(22) Date of filing of Application :25/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: DITERPENOID DERIVATIVES ENDOWED OF BIOLOGICAL PROPERTIES

(51) International :C07C211/31,C07C251/34,C07C251/54 classification

(31) Priority Document :10189058.0

(32) Priority Date :27/10/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/068702

Application No :26/10/2011 Filing Date

(87) International

:WO 2012/055894 Publication No

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

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

(71)Name of Applicant:

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Address of Applicant: Viale Shakespeare 47 I 00144 Rome

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(72)Name of Inventor:

1)CERRI Alberto

2) GOBBINI Mauro

3)TORRI Marco

4)FERRARI Patrizia

5)FERRANDI Mara

6)BIANCHI Giuseppe

(57) Abstract:

The present invention relates to new diterpenoid derivatives of formula (I) processes for their preparation and to pharmaceutical compositions containing them for the treatment of cardiovascular disorders urinary incontinence asthma or Alzheimer s disease and/or to prevent obstructive vascular lesions consequently to arteriotomy and/or angioplasty and to prevent organ damage in hypertensive patients.

No. of Pages: 41 No. of Claims: 10

(21) Application No.574/MUMNP/2013 A

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121 U.S.A.

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHODS AND APPARATUSES FOR AFFECTING PROGRAMMING OF CONTENT FOR TRANSMISSION OVER A MULTICAST NETWORK

(51) International :H04H20/10,H04N21/2668,H04N21/25

classification

(31) Priority Document :12/908651

(32) Priority Date :20/10/2010 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2011/056102

Application No

:13/10/2011 Filing Date

(87) International

:WO 2012/054291 Publication No

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

:NA :NA

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

(72)Name of Inventor: 1)CANOY Michael David N.

2)BENDER Paul E.

(71)Name of Applicant:

(57) Abstract:

Methods and apparatuses are provided that may be implemented in various electronic devices to identify at least one current interest topic associated with message content transmitted over a wireless communication network and affect programming of at least a portion of content for transmission over a multicast network based at least in part on the current interest topic.

No. of Pages: 37 No. of Claims: 48

(21) Application No.510/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SHED FORMING DEVICE FOR A WEAVING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:BE 20100570 :24/09/2010 :Belgium	(71)Name of Applicant: 1)PICANOL Address of Applicant: Karel Steverlyncklaan 15 B 8900 Ieper Belgium (72)Name of Inventor: 1)SAMPERS Dirk 2)ROELSTRAETE Kristof
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Shed forming device comprising a number of drive levers (4 33) and a number of transmission mechanisms (2 34) wherein each transmission mechanism (2 34) can drive a heald frame (3) and can be driven by a driving device (14) via a drive lever (4 33) wherein the transmission mechanism (2 34) and the drive lever (4 33) are coupled in a specific coupling position by means of a connection (5) and wherein at least one indication (22 23 27 28 46) for a reference coupling position is provided on at least one drive lever (4 33). Method for producing and method for setting a shed forming device (1) for a weaving machine.

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

(21) Application No.556/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: SENSOR AIDED WIRELESS COMBINING

(51) International classification :H04B7/06,H04B7/08,H04B7/10 (71)Name of Applicant :

(31) Priority Document No :12/875735 (32) Priority Date :03/09/2010 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2011/050418

Filing Date :02/09/2011 (87) International Publication No: WO 2012/031257

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

(62) Divisional to Application :NA Number :NA

Filing Date

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)SHEYNBLAT Leonid 2)ROWITCH Douglas Neal 3)HESHMATI Ardalan

(57) Abstract:

An apparatus and method are disclosed for achieving receiver diversity. A wireless unit includes a plurality of antennas an antenna selector to select one or more antennas from the plurality of antennas a processor with input data from an inertial sensor for monitoring the orientation of the wireless unit. Based on the input data the processor commands the antenna selector to select one or more antennas. In some embodiments the processor is a diversity processor. Based on the input data from the inertial sensor the diversity processor computes the combination of the received signals. In another aspect the wireless unit further includes a baseband processor to process the output of the diversity processor for a particular unit application.

No. of Pages: 51 No. of Claims: 42

(21) Application No.589/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING DEFERASIROX

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A61K9/14,A61K9/20,A61K31/4196 :2750/MUM/2010 :01/10/2010 :India :PCT/GB2011/001428	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant: Mumbai Central Mumbai 400 008 Maharashtra India (72)Name of Inventor: 1)MALHOTRA Geena 2)PURANDARE Dr. Shrinivas Madhukar
Filing Date	:30/09/2011	
(87) International Publication No	:WO 2012/042224	
(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 pharmaceutical composition comprising deferasirox a process for preparing such pharmaceutical composition and its use in the treatment of chronic iron overload. The pharmaceutical composition comprises nanosized deferasirox having improved surface area and solubility. It also relates to a method for treatment of chronic iron overload which comprises administering a pharmaceutical composition comprising nanosized deferasirox.

No. of Pages: 31 No. of Claims: 32

(21) Application No.473/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: 5 HT2B RECEPTOR ANTAGONISTS

(51) International :C07D211/58,A61P11/00,A61K31/4468 classification

(31) Priority Document :10174880.4

(32) Priority Date :01/09/2010

(33) Name of priority :EPO

country

(86) International

:PCT/EP2011/064906 Application No

:30/08/2011 Filing Date

(87) International :WO 2012/028614 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)JANSSEN PHARMACEUTICA NV

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse

Belgium

(72)Name of Inventor:

1)THURING Johannes Wilhelmus John F. 2) VER DONCK Luc August Laurentius

(57) Abstract:

The present invention relates to novel fluorinated piperidine derivatives having antagonistic activity at the 5 HT receptor pharmaceutical compositions comprising these compounds and their use as a medicine in the treatment or prevention of pulmonary arterial hypertension pulmonary fibrosis or irritable bowel syndrome.

No. of Pages: 33 No. of Claims: 7

(21) Application No.518/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention : APPARATUS FOR DETECTING FERROMAGNETIC OBJECTS AND A PROTECTED DOORWAY 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 	:G01V11/00 :1013992.1 :20/08/2010 :U.K. :PCT/GB2011/051545 :16/08/2011 :WO 2012/022971 :NA :NA	(71)Name of Applicant: 1)METRASENS LIMITED Address of Applicant: Malvern Hills Science Park Geraldine Road Malvern Worcestershire WR14 3SZ U.K. (72)Name of Inventor: 1)WOOLISCROFT Matthew John
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus for detecting a ferromagnetic object to protect for example a doorway to an MRI room comprises a passive primary sensor apparatus comprising at least one first magnetic sensor (4) a secondary non magnetic sensor apparatus (34a 34b 60 600) comprising at least two sensors a detection zone for one of the secondary sensors (60) being distinct from the zone of the other one of the secondary sensors (600) a signal processing circuit arranged in communication with the primary and secondary sensor apparatus and a warning device (20 22). The signal processing circuit identifies temporal variations in the signal from the primary sensor and correlate them with instances in which both sensors of the secondary non magnetic sensor apparatus (60 600) detect the presence of an object in their respective zones.

No. of Pages: 43 No. of Claims: 22

(21) Application No.519/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention : SKIN PERMEATING AND CELL ENTERING (SPACE) PEPTIDES AND METHODS OF USE THEREOF

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
(212N15/113,C07H21/0
(61/411884
(99/11/2010
U.S.A.
(PCT/US2011/054967
(05/10/2011
(WO 2012/064429

(87) International Publication No :WO 2012/06442 (61) Patent of Addition to Application :NA

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

Silvation Number
:NA
:NA

:C12N15/113,C07H21/04 (71)**Name of Applicant :**

1)THE REGENTS OF THE UNIVERSITY OF

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Oakland California 94607 U.S.A.

(72)Name of Inventor:

1)HSU Tracy

2)MITRAGOTRI Samir M.

(57) Abstract:

The present disclosure provides peptides and peptide compositions, which facilitate the delivery of an active agent or an active agent carrier wherein the compositions are capable of penetrating the stratum corneum (SC) and/or the cellular membranes of viable cells.

No. of Pages: 85 No. of Claims: 138

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MONOLITHIC IMAGE PERCEPTION 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 	:G06K9/78,G06N3/06 :12/880964 :13/09/2010 :U.S.A. :PCT/US2011/051215 :12/09/2011 :WO 2012/037027 :NA :NA	(71)Name of Applicant: 1)AGC FLAT GLASS NORTH AMERICA INC. Address of Applicant: 11175 Cicero Drive Suite 400 Alpharetta GA 30022 U.S.A. 2)NORLITECH LLC (72)Name of Inventor: 1)PAILLET Guy 2)MENENDEZ Anne
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is directed to an apparatus which can acquire readout and perceive a scene based on the insertion or embedding of photosensitive elements into or on a transparent or semi transparent substrate such as glass or plastic. The substrate itself may act as the optical device which deflects the photons of an incident image into the photosensitive elements. A digital neural memory can be trained to recognize patterns in the incident photons. The photosensitive elements and digital neural memory elements may be arranged with light elements controlled in accordance with the patterns detected. In one application intelligent lighting units provide light while monitoring surroundings and/or adjusting light according to such surroundings. In another application intelligent displays display images and/or video while monitoring surroundings and/or adjusting the displayed images and/or video in accordance with such surroundings.

No. of Pages: 67 No. of Claims: 68

(19) INDIA

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 09/05/2014

:NA

(54) Title of the invention: SEAL ARRANGEMENT

(71)Name of Applicant: :F16J15/24, F04B (51) International classification 1)BURCKHARDT COMPRESSION AG 39/00 Address of Applicant : Im Link 5 CH 8404 Winterthur (31) Priority Document No :10174738.4 (32) Priority Date :31/08/2010 Switzerland (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No :PCT/EP2011/065054 1)FEISTEL Norbert Filing Date :31/08/2011 (87) International Publication No :WO 2012/028661 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(21) Application No.475/MUMNP/2013 A

(57) Abstract:

Filing Date

The seal arrangement (1) for piston compressors comprises a deformable ring support (2) and a first and a second endless sealing ring (3a 3b) wherein the ring support (2) has a longitudinal axis (L) which extends perpendicularly with respect to its circumferential direction and wherein the ring support (2) has a gap (2i) with play in its circumferential direction and wherein each sealing ring (3a 3b) has a longitudinal axis (3c 3d) which extends perpendicularly with respect to its circumferential direction and wherein the sealing rings (3a 3b) are arranged in such a way that the ring support (2) encloses them from the outside and wherein the two sealing rings (3a 3b) are arranged next to one another in the direction of extent of the longitudinal axis (L) and wherein the ring support (2) and the sealing rings (3a 3b) are designed to be adapted to one another in such a way that the first sealing ring (3a) bears on one side against a first side wall (2d) of the ring support (2) and forms a first gap (S1) to the ring support (2) on the opposite side with regard to the longitudinal axis (3c) of the first sealing ring (3a) and wherein the second sealing ring (3b) bears in a diametrically opposed manner on one side against a second side wall (21) of the ring support (2) and forms a second gap (S2) to the ring support (2) on the opposite side with regard to the longitudinal axis (3d) of the second sealing ring (3b) wherein the first and second side walls (2d 21) are arranged so as to lie opposite one another with regard to the longitudinal axis (L) with the result that the ring support (2) can in each case bring about a prestressing force (5a 5b) on the first and second sealing rings (3a 3b) respectively wia the first and second side walls (2d 21) respectively wherein the prestressing forces (5a 5b) extend in an opposed manner.

No. of Pages: 35 No. of Claims: 29

(21) Application No.560/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: PRESSURE MONITORING SYSTEM FOR INFUSION PUMPS

(51) International classification :A61M5/142,A61M5/172,A61M39/08

(31) Priority Document No :61/388977 (32) Priority Date :01/10/2010 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2011/053970

Application No Filing Date :10/0320

(87) International Publication No :WO 2012/044812

(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)ZEVEX INC.

Address of Applicant :4314 Zevex Park Lane Salt Lake City

UT 84123 U.S.A.

(72)Name of Inventor:

1)BECK Kent 2)EGGERS Philip 3)WALKER Larry

(57) Abstract:

A pressure monitoring system allows for more accurate and reliable measurement of the pressure inside of a tube in a pump. The pressure monitoring system prevents movement of the tubing or a change in size of the tubing due to external forces applied to the pump eliminating inaccuracies due to handling of the pump during use.

No. of Pages: 16 No. of Claims: 19

(21) Application No.485/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: REACTION VESSEL FOR AN AUTOMATIC CHEMICAL OR BIOLOGICAL ANALYSIS 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 	:B01L3/00,G01N33/49 :1058041 :05/10/2010 :France :PCT/FR2011/052310 :04/10/2011 :WO 2012/045972 :NA :NA	(71)Name of Applicant: 1)DIAGNOSTICA STAGO Address of Applicant: 9 Rue des fr¨res Chausson F 92600 Asnieres France (72)Name of Inventor: 1)CROISARD Philippe 2)VALVERDE Olivier
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a reaction vessel for an automatic chemical or biological analysis device. The vessel of the invention comprises a part (22) for connecting same to another vessel (10) of the same type said connecting part being elastically snap fastened to the upper end of the vessel (10) and to the connecting part (22) of another vessel in order to form a row of vessels hinged to one another about transverse axes (xx).

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHODS AND COMPOSITIONS FOR TREATMENT OF DIABETES AND DYSLIPIDEMIA

(51) International classification	:A61K31/225, a61k9/00	(71)Name of Applicant: 1)KAREUS THERAPEUTICS SA
(31) Priority Document No	:61/384446	Address of Applicant :40 Rue Fritz Courvoiser CH 2300 La
(32) Priority Date	:20/09/2010	Chaux De Fonds Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/052318	1)KHANNA Ish
Filing Date	:20/09/2011	2)PILLARISETTI Sivaram
(87) International Publication No	:WO 2012/040177	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Novel compounds of Formula I are provided: its stereoisomers and/or pharmaceutically acceptable salts for the treatment of diabetes and diabetes associated dyslipidemia wherein R1 is selected from a group consisting of hydroxy alkoxy amine alkyl haloalkyl NHSOR or NHCOR wherein R is selected from alkyl or cycloalkyl NHR wherein R is alkyl or cycloalkyl optionally substituted by hydroxy or alkoxy; and n and n are independently selected from 0 1 and 2. At least one of R and R and/or R and R form a cyclic ring of 3 8 carbon atoms optionally containing alkyl groups hetero atoms or functional groups such as O N SO. Additionally when R and R or R and R do not form a cyclic ring then they may be independently selected from hydrogen alkyl branched alkyl and cycloalkyl. L is a linear aliphatic chain optionally containing from 4 to 16 carbon atoms. The chain may optionally be substituted one or more times by alkyl branched alkyl cycloalkyl or aryl. R is independently selected from hydrogen alkoxy hydroxy alkyl haloalkyl cycloalkyl heterocycloalkyl heteroaryl cyano or COR wherein R is selected from hydroxy alkyl alkoxy or amine NHR NHSO2R or NHCOR. Y is oxygen or hydrogen. Y is optional wherein when Y2 is present Y and Y are hydrogen. When Y is not present Y is a carbonyl group.

No. of Pages: 86 No. of Claims: 12

(22) Date of filing of Application :22/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: CATHEPSIN S INHIBITOR COMPOUNDS

(51) International :C07D407/04,C07D407/14,A61K31/496

classification

(31) Priority Document :61/394424

(32) Priority Date :19/10/2010 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2011/056244 Application No :14/10/2011

Filing Date

(87) International :WO 2012/054315 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)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A. (72)Name of Inventor:

1)DENG Gary Gang

2)GAVARDINAS Konstantinos 3)JADHAV Prabhakar Kondaji

4)KIM Euibong Jemes

5)SCHIFFLER Matthew Allen

(57) Abstract:

The present invention provides a compound of Formula (I): or a pharmaceutically acceptable salt thereof. Also the present invention provides a pharmaceutical composition comprising a compound of Formula (I) or a pharmaceutically acceptable salt thereof with a pharmaceutically acceptable diluent or carrier. The present invention further provides methods for treating abdominal aortic aneurysm plague instability atherosclerosis or autoimmune disorders such as rheumatoid arthritis psoriasis and lupus comprising administering a therapeutically effective amount of a compound of Formula (I) or a pharmaceutically acceptable salt thereof or a pharmaceutical composition comprising a compound of Formula (I) or pharmaceutically acceptable salt thereof and a pharmaceutically acceptable diluent or carrier.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: HUMIDIFIED PARTICLES COMPRISING A THERAPEUTICALLY ACTIVE SUBSTANCE

(51) International classification	:A61K9/00, a61k 31/00	(71)Name of Applicant: 1)TAKEDA GMBH
(31) Priority Document No	:10173759.1	Address of Applicant :Byk Gulden Str. 2 78467 Konstanz
(32) Priority Date	:23/08/2010	Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/064399	1)RAHMEL Daniela
Filing Date	:22/08/2011	2)TAUT Friedemann
(87) International Publication No	:WO 2012/025496	3)DE MUYNCK Christian
(61) Patent of Addition to Application	:NA	4)RAST Markus
Number		5)IWATSCHENKO Peter
Filing Date	:NA	6)POHLMANN Gerhard
(62) Divisional to Application Number	:NA	7)KOCH Wolfgang
Filing Date	:NA	8)WINDT Horst

(57) Abstract:

The invention relates to aerosolized and humidified particles comprising a therapeutically active substance which can be obtained by suspending dry inhalable particles in a carrier gas adding water vapor and causing condensation of water on the particles. The invention further relates to methods to generate these particles and apparatus useful to carry out such methods.

No. of Pages: 39 No. of Claims: 18

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SUPPORTING LEG STRUCTURE CONCRETE PUMP VEHICLE AND OIL PIPE ASSEMBLING METHOD

(51) International classification(31) Priority Document No	:201010293085.9	(71)Name of Applicant: 1)CHANGSHA ZOOMLION HEAVY INDUSTRY
(32) Priority Date	:25/09/2010	SCIENCE AND TECHNOLOGY DEVELOPMENT CO.
(33) Name of priority country	:China	LTD.
(86) International Application No	:PCT/CN2011/076046	r r
Filing Date	:21/06/2011	District Changsha Hunan 410013 China
(87) International Publication No	:WO 2012/037827	2)HUNAN ZOOMLION SPECIAL VEHICLE CO. LTD.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)WANG Xiangying
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A supporting leg structure comprises a box shaped supporting leg. An end portion of the box shaped supporting leg comprises a closing plate (34) and an opening (35). The supporting leg structure also comprises hydraulic pipelines composed of rigid pipes (41) joints (43) and hoses (42a) which are enwrapped by towlines (42b). The rigid pipes (41) and the hoses (42a) are coupled by the joints (43). The supporting leg structure also comprises a fixing plate (50) a connecting plate (10) and an installing plate (20). The fixing plate (50) is disposed on the closing plate (34) and the installing plate (20) is able to be fixed to the fixing plate (50). The connecting plate (10) comprises a first plate portion (11) and a second plate portion (12) and the plane of the first plate portion and the plane of the second plate portion intersect. The second plate portion (12) is adjustably coupled with the installing plate (20) causing the first plate portion to move away from or towards the closing plate. The joints (43) are aligned with the rigid pipes (41) and installed on the first plate portion and the hoses are installed by aligning with the joints. Also disclosed are a concrete pump vehicle and an oil pipe assembling method. By the supporting leg structure and the oil pipe assembling method the rigid pipes and the hoses can be coupled together accurately and conveniently.

No. of Pages: 16 No. of Claims: 14

(21) Application No.526/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: ANTI FREE FLOW MECHANISM FOR ENTERAL FEEDING PUMPS

(51) International classification :A61J1/20,A61J1/14,A61J1/05 (71)Name of Applicant : (31) Priority Document No 1)ZEVEX INC. :12/896729 (32) Priority Date Address of Applicant: 4314 Zevex Park Lane Salt Lake City :01/10/2010 UT 84123 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2011/054077 1)BECK Kent Filing Date :29/09/2011 (87) International Publication No :WO 2012/044860 2)EGGERS Philip (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An anti free flow mechanism includes an occluder mechanism which is disposed along a segment of tubing. The occluder mechanism is normally in a biased closed position but may be moved into an open position by moving an engagement member into engagement with the tubing segment to deform the tubing segment and open a flow channel. Unless force is applied to keep the engagement member in contact with the tubing segment the tubing will return to the first closed position.

No. of Pages: 84 No. of Claims: 64

(21) Application No.537/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: RESOURCE ASSIGNMENTS FOR UPLINK CONTROL CHANNEL

(51) International classification	:H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/391991	1)QUALCOMM INCORPORATED
(32) Priority Date	:11/10/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121 U.S.A.
(86) International Application No	:PCT/US2011/055636	(72)Name of Inventor:
Filing Date	:10/10/2011	1)GAAL Peter
(87) International Publication No	:WO 2012/051119	2)CHEN Wanshi
(61) Patent of Addition to Application	.NIA	3)LUO Xiliang
Number	:NA	4)MONTOJO Juan
Filing Date	:NA	4)MONTOSO Suan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==\)		•

(57) Abstract:

A wireless communication method includes allocating physical uplink control channel (PUCCH) data in first slot to a first orthogonal cover code (OCC). The method also includes allocating PUCCH data in a second slot of the same subframe to a different orthogonal cover code (OCC). Another method includes mapping PUCCH resources to physical resource blocks based on a user equipment (UE) specific signaling parameter (e.g. a resource index) and a number of symbols in a slot of a subframe.

No. of Pages: 45 No. of Claims: 44

(22) Date of filing of Application :20/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR COMMUNICATION OF CHANNEL STATE INFORMATION

(51) International classification :H04L1/00,H04L5/00,H04B7/06 (71)Name of Applicant :

(31) Priority Document No :61/387542 (32) Priority Date :29/09/2010

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

(86) International Application No: PCT/US2011/054084

Filing Date :29/09/2011

(87) International Publication No: WO 2012/044863

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

(62) Divisional to Application :NA Number :NA

Filing Date

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)ABRAHAM Santosh Paul

2)MERLIN Simone 3)VERMANI Sameer 4)SAMPATH Hemanth

(57) Abstract:

Certain aspects of the present disclosure relate to a technique for communicating Channel State Information (CSI) feedback. In some aspects the CSI feedback is communicated in a very high throughput (VHT) wireless communications system.

No. of Pages: 98 No. of Claims: 73

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : LOAD INERTIA ESTIMATION METHOD AND CONTROL PARAMETER ADJUSTMENT METHOD

(51) International classification :G05B19/404,G05B13/04 (31) Priority Document No :2010233249

(32) Priority Date :18/10/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/072917 Filing Date :05/10/2011

(87) International Publication No :WO 2012/053352

(61) Patent of Addition to Application
Number
:NA

Filing Date

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

:G05B19/404,G05B13/04 (71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72)Name of Inventor: 1)KURAMOTO Hirohisa

2)YAMADA Yasunari

(57) Abstract:

The purpose of the present invention is to provide a method for estimating load inertia and a method for adjusting control parameters. To achieve this aim a load position control test is performed in a load position control system based on a feedback control system (21) and a first position deviation () generated at a prescribed load position () is estimated. Then in a load inertia estimation model (60) which is a model of a load position control system a load position control simulation of a feed system model is performed based on a feedback control system model a load inertia (J) included in the feed system model is adjusted and the load position control simulation repeated until a second position deviation () that generated at this time at the prescribed load position equals the first position deviation. As a result the load inertia for the feed system model at that time is estimated to be the load inertia for a feed system in an actual machine if the second position deviation equals the first position deviation. In addition coefficients (a3 a5) for an inverse characteristic model (50) are set using this estimated load inertia.

No. of Pages: 39 No. of Claims: 3

(22) Date of filing of Application :19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: HEATED SENSOR ELEMENT FOR MIXED GAS AND LIQUID ENVIRONMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/10/2011 :WO 2012/051266	(71)Name of Applicant: 1)MACK TRUCKS INC. Address of Applicant: 7900 National Service Road Greensnboro North Carolina 27409 U.S.A. (72)Name of Inventor: 1)BURKHOLDER Nelson
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.511/MUMNP/2013 A

(57) Abstract:

(19) INDIA

A heated substrate element for a gas sensor includes a ceramic substrate element having a first surface and a second surface opposite the first surface a heating element formed on the first surface and a passive heat conducting metallic layer formed on the second surface. The element is able to resist cracking stresses from sudden local changes in temperature such as occur when a liquid drop strikes the element.

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

(21) Application No.512/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: WASTE HEAT RECOVERY DEVICE BYPASS ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02G5/02 :NA :NA :NA :PCT/US2010/051551 :06/10/2010 :WO 2012/047209 :NA :NA :NA	(71)Name of Applicant: 1)MACK TRUCKS INC. Address of Applicant: 7900 National Service Road Greensboro NC 27409 U.S.A. (72)Name of Inventor: 1)HORNE Thomas A. 2)SPONSKY John
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(57) Abstract:

A waste heat recovery device bypass arrangement includes a conduit having s first end and a second end adapted to connect upstream and downstream respectively of a waste heat recovery device a valve in the conduit the valve being controllable to open and close and a controller arranged to control the valve to open in response to a first signal and close in response to a second signal.

No. of Pages: 14 No. of Claims: 20

(22) Date of filing of Application :21/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: COOLING SYSTEM FOR HOT ROLLED STEEL STRIP

(51) International

:B21B45/02,B21B13/14,B21B27/10

classification (31) Priority Document No

:2010211538

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

:22/09/2010

(86) International Application :PCT/JP2011/070107

:05/09/2011

Filing Date

No

(87) International Publication: WO 2012/039270

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)MITSUBISHI HITACHI METALS MACHINERY INC.

Address of Applicant :34 6 Shiba 5 chome Minato ku Tokyo

1080014 Japan

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION

(72)Name of Inventor:

1)MATSUMOTO Koichi

2)IKEMOTO Yuii

3)HARAGUCHI Yoichi

4)KOBAYASHI Kazuaki

(57) Abstract:

Provided is a cooling system for a hot rolled steel strip capable of increasing the cooling rate for rapidly cooling a rolled steel immediately after rolling and suitable for an apparatus for manufacturing a hot rolled steel strip having a fine grained structure. For this purpose guides (16A 16B) having guiding surfaces (16a 16b) to guide a rolled steel (W) exiting work rolls (12A 12B) in the conveyance direction are provided at exits of the work rolls in a final stand (Sn) of a finish rolling mill line in a manner that the guides can follow a change in the diameter of the work rolls a number of injection holes (21A 21B) are formed in the guides and a number of rolled steel cooling nozzles (23A 23B) are provided to spray a large amount of cooling water through the injection holes directly onto the rolled steel.

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

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SHADING DEVICE FOR A GLAZED VEHICLE OPENING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60J7/00,B60J1/20 :10 2010 040 603.1 :10/09/2010 :Germany :PCT/EP2011/065657 :09/09/2011 :WO 2012/032160	(72)Name of Inventor : 1)BOCH Martin
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)MLLER Harald 3)WAGNER Alexander

(57) Abstract:

Shading device (10) for a glazed vehicle opening comprising a pull out rod (20) which is guided in mutually opposite slide rails (12) and a shading element (22) which is mounted on the pull out rod (20) and which can be displaced between a retracted position and an extended position by sliding the pull out rod (20) along the slide rails (12). The pull out rod (20) comprises at least one toothed wheel drive (38 40) having toothed wheels (38a 40a) which are arranged at opposite ends and which each mesh with a set of teeth (42) formed along the slide rails (12) wherein the toothed wheels (38a 40a) are coupled in rotation to one another.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: PROCESS FOR MAGNESIUM PRODUCTION

(51) International classification	:C04B2/00, C22B26/22	(71)Name of Applicant: 1)ECOENGINEERS PTY LTD
(31) Priority Document No	:2010903855	Address of Applicant :31 Koonya Circuit Caringbah New
(32) Priority Date	:27/08/2010	South Wales 2229 Australia
(33) Name of priority country	:Australia	2)MAGNESIUM INVESTMENTS PTY LTD
(86) International Application No	:PCT/AU2011/001130	(72)Name of Inventor:
Filing Date	:25/08/2011	1)SHORT Stephen A
(87) International Publication No	:WO 2012/024746	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a process for conditioning material for pyrometallurgical conversion to magnesium the process comprising carrying out de su fation of the material in a slurry to reduce sulfur content of the material; and carrying out de ferration of the de sulfated material in a slurry to reduce iron content of the material to produce a conditioned material suitable for pyrometallurgical conversion to magnesium.

No. of Pages: 37 No. of Claims: 35

(21) Application No.578/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: MANUFACTURING DEVICE AND MANUFACTURING METHOD FOR HOT ROLLED STEEL **STRIP**

(51) International :B21B38/02,B21B37/00,B21B39/08

classification (31) Priority Document No

:2010216352 :28/09/2010 (32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/070108 No

:05/09/2011 Filing Date

(87) International Publication :WO 2012/043148

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)MITSUBISHI HITACHI METALS MACHINERY INC.

Address of Applicant :34 6 Shiba 5 chome Minato ku Tokyo

1080014 Japan

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION (72)Name of Inventor:

1)HORII Kenji

2)IKEMOTO Yuji 3)TAKENO Koichi 4)ETO Manabu

5)WASHIKITA Yoshiro

(57) Abstract:

In order to provide a manufacturing device and a manufacturing method for a hot rolled steel strip which are capable of obtaining the desired quality of material by rapid uniform cooling immediately after rolling and improving yield by early sheet tension and sheet shape measurements a manufacturing device for a hot rolled steel strip is provided with a finishing rolling mill line (11) a first cooling unit (13) installed just behind the exit side of the finishing rolling mill line and a pinch roll (14) which is installed on the exit side of the first cooling unit and in contact with both the upper and lower surfaces of a strip (S) at least a draining roll (15) located on the upper side of the strip (S) is disposed between the first cooling unit and the pinch roll and a tension/shape measuring unit (16) for measuring the tension and shape of the strip (S) is installed between the draining roll and the pinch roll.

No. of Pages: 38 No. of Claims: 14

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: DRIVE DEVICE IN A HELICAL CONVEYOR CENTRIFUGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B04B1/20 :10 2010 037 488.1 :13/09/2010 :Germany :PCT/EP2011/059815 :14/06/2011 :WO 2012/034722 :NA :NA	(71)Name of Applicant: 1)HILLER GMBH Address of Applicant: Schwalbenholzstrae 2 84137 Vilsbiburg Germany 2)PULSGETRIEBE GMBH & CO. (72)Name of Inventor: 1)WAGENBAUER Robert 2)PULS Christoph
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(57) Abstract:

The drive device is used for a helical conveyor centrifuge having a revolving barrel (12) and a screw (16) mounted coaxially therein and also having a drive motor (18) associated with the barrel (12) and a screw motor (28) that is coupled to the screw shaft (38) via a gear mechanism (36) the housing (40) of which is non rotatably connected to the barrel drive shaft (24). According to the invention the housing (40) of the gear mechanism (36) for driving the screw (16) is rotatably mounted in a stationary housing (44) and has a hollow output shaft (50) that is connected via a coupling (52) to the hollow barrel drive shaft (24).

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : INTEGRATED CIRCUIT LEAKAGE POWER REDUCTION USING ENHANCED GATED Q SCAN 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 	:G01R31/3183,G01R31/3185 :12/884482 :17/09/2010 :U.S.A. :PCT/US2011/051745 :15/09/2011 :WO 2012/037338 :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)SETHURAM Rajamani 2)ARABI Karim
<u> </u>	:NA :NA	

(57) Abstract:

Specific logic gates for q gating are selected by determining the minimum leakage state for a circuit design and then selecting logic gates that hold the circuit design in its lowest leakage state. Depending on the input desired to implement the minimum leakage state the gate may be selected as a NOR or OR gate. Q gating that is implemented with gates chosen to implement the minimum leakage state may be enabled during selected operating modes. The minimum leakage state of a circuit can be determined with an automatic test pattern generation (ATPG) tool.

No. of Pages: 30 No. of Claims: 9

(21) Application No.575/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: CLAMPING DEVICE

(51) International classification :B23F23/06,B23F23/08,B23Q3/06 (71)Name of Applicant:

(31) Priority Document No :2010236422 (32) Priority Date :21/10/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/071082

:15/09/2011 Filing Date

(87) International Publication :WO 2012/053300

(61) Patent of Addition to :NA

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

Number :NA Filing Date

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72)Name of Inventor:

1)OCHI Masashi

2)YANASE Yoshikoto

(57) Abstract:

Provided is a clamping device having improved safety and an improved clamping force for clamping a work to an attaching table said work having the inner circumferential surface thereof to be processed. The clamping device clamps a work (101) disposed on the reference surface (32) of an attaching table (30). The clamping device is provided with: a board like fixing member (10) which has formed therein a hole (11a) that is larger than the inner diameter (D1) of the work (101) but smaller than the outer diameter (D2) of the work and which is in surface contact with the end surface (101a) of the work (101) disposed on the reference surface (32) of the attaching table (30); and a pressing force applicator (20) which has a cylindrical shape that surrounds the attaching table (30) and which applies a pressing force toward the end surface (101a) of the work (101) with respect to the fixing member (10).

No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM FOR CORRECTING THERMAL DISPLACEMENT OF MACHINE TOOL

(51) International classification :B23Q15/18,B23Q17/00,G05B19/404

(31) Priority Document No :2010236424 (32) Priority Date :21/10/2010

country (86) International

Application No :PCT/JP2011/072918 :05/10/2011

Filing Date

(87) International

Publication No :WO 2012/053353

:NA

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

:NA
:NA

(71)Name of Applicant:

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant: 16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72)Name of Inventor:

1)YAMAMOTO Hideaki

(57) Abstract:

Filing Date

The purpose of the present invention is to provide a system for correcting thermal displacement of a machine tool said system being capable of evaluating the amount of thermal displacement with a column front face serving as a reference position and being capable of performing thermal displacement correction with good precision even when the amount of thermal displacement of a table is not uniform. For this purpose the system is provided with for example: a position detector temperature sensor (41 6); table temperature sensors (41 1 to 41 5); and a displacement correction device. The displacement correction device comprises: a temperature data input section for inputting temperature data (a6); a thermal displacement amount calculation section for calculating the amount of thermal displacement of the position detector on the basis of the temperature data (a6); a temperature data input section for inputting temperature data (a1 to a5); a thermal displacement amount calculation section for calculating on the basis of the temperature data (a1 to a5) the amount of thermal displacement of the table corresponding to a temperature distribution in the X axis direction; a thermal displacement amount calculation section for calculating the amount of thermal displacement of the table system with the column front face serving as the reference position said calculation being performed on the basis of the amount of thermal displacement of the table and the amount of thermal displacement of the position detector; and an X axis correction amount output section for outputting an X axis correction amount on the basis of the amount of thermal displacement of the table system.

No. of Pages: 78 No. of Claims: 6

(21) Application No.455/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CURVILINEAR CAMERA LENS AS MONITOR COVER PLATE

(51) International :G02B13/00,G03B17/00,G06F3/042

classification .G02B13/00,G03B17/00,G00F3/04

(31) Priority Document No :61/383663 (32) Priority Date :16/09/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/051525

Filing Date :14/09/2011

(87) International Publication :WO 2012/037201

No (61) Patent of Addition to NA

Application Number
Filing Date

(2) Divisional to Application

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

(71)Name of Applicant:

1)QUALCOMM MEMS TECHNOLOGIES INC.

Address of Applicant :5775 Morehouse Drive San Diego CA

92121 U.S.A.

(72)Name of Inventor: 1)CHUI Clarence 2)GROB Matthew S.

(57) Abstract:

Disclosed are various implementations of a camera lens that can be positioned between a display device and a user viewing the display device. The camera lens can be transparent to allow such viewing by the user and also be configured to capture light rays from the user and turn such rays to an imaging sensor to form an image of the user. Such turning of light rays can be achieved by curved features formed on the camera lens. In some implementations the camera lens is a substantially flat layer having such curved features. Various examples of the curved features are disclosed. Also disclosed are systems and methods for enhancing the image of the user in situations where a portion of a display being viewed is captured by the camera lens and combines with the image of the user.

No. of Pages: 65 No. of Claims: 51

(21) Application No.456/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: CRYSTALLINE (R) (E) 2 (4 (2 (5 (1 (3 5 DICHLOROPYRIDIN 4 YL) ETHOXY) 1H INDAZOL 3 YL) VINYL) 1 H PYRAZOL 1 YL) ETHANOL AND ITS USE AS FGFR INHIBITOR

 $: C07D401/14, A61K31/4439, A61P35/00 \bigg| (71) \textbf{Name of Applicant:} \\$ (51) International classification

:U.S.A.

(31) Priority Document :61/389911

(32) Priority Date :05/10/2010 (33) Name of priority

country

(86) International

:PCT/US2011/053798 Application No :29/09/2011

Filing Date

(87) International

:WO 2012/047699 Publication No

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

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A. (72)Name of Inventor:

1)DISEROAD Benjamin Alan

(57) Abstract:

The present invention provides crystalline (R) (E) 2 (4 (2 (5 (1 (3 5 dichloropyridin 4 yl) ethoxy) 1H indazol 3 yl) vinyl) IH pyrazol 1 yl) ethanol useful in the treatment of cancer.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ARCTIGENIN CONTAINING BARDANAE FRUCTUS EXTRACT AND METHOD FOR PRODUCING SAME

(51) International :A61K36/28,A61K31/365,A61K31/7048

classification

(31) Priority Document :2010215118

(32) Priority Date :27/09/2010

(33) Name of priority

:Japan country

(86) International

:PCT/JP2011/072049 Application No :27/09/2011

Filing Date (87) International

:WO 2012/043549

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)Kracie Pharma Ltd.

Address of Applicant :20 20 Kaigan 3 chome Minato ku

Tokyo 1088080 Japan

2)NATIONAL CANCER CENTER

3) National University Corporation University of Toyama

(72)Name of Inventor: 1)OKUBO Toshiki

2)YOMODA Satoshi 3)FUSE Takafumi

4)KAWASHIMA Takanori

5)ESUMI Hiroyasu 6)MIYOSHI Chika

7)KADOTA Shigetoshi

(57) Abstract:

Bardanae fructusBardanae fructusBardanae fructusBardanae fructusBardanae fructusBardanae fructus[Problem] The objective of the present invention is to provide: a extract containing arctigenin and arctiin at a set proportion; and a method for producing the extract. More specifically the objective of the present invention is to provide a method for producing a extract containing arctigenin and arctiin at a weight ratio of approximately 1:1. [Solution] The method for producing a extract containing arctigenin and arctiin at an arctigenin/arctiin weight ratio of 0.7 1.3 includes: a step for cutting up the; and a step for enzymatically converting arctiin contained in the to arctigenin by means of glucosidase contained in the the enzymatic conversion causing a reaction at a temperature of 20 50°C. The method further contains a step for extracting an extract containing arctigenin and arctiin by means of adding an organic solvent and refluxing.

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

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: LIME CAUSTICIZATION PRODUCT BRIGHTNESS IMPROVEMENT VIA PRE SLAKING

(57) Abstract:

A method for obtaining particulate calcium carbonate exhibiting improved brightness and color and having uniformity of size such that when the particles are formed in the causticization process in a kraft pulp mill the time required to separate the particles from liquors in which they are suspended is minimized and the amount of liquor recovered is maximized with minimal dilution by water used for washing. The method includes the steps of a) slaking calcium oxide in water or an alkaline liquor containing as dissolved species predominantly sodium hydroxide; b) mixing the slaked lime with green liquor from a kraft pulping process to complete a causticization reaction that produces white liquor and lime mud; c) separating the lime mud from the white liquor; and d) milling a portion of the lime mud for use as a white mineral pigment in applications where such pigments are typically used.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DISPLAYING COMPUTER GENERATED IMAGES ON A HEAD MOUNTED DEVICE

(57) Abstract:

Systems and methods for displaying computer generated images on a head mounted device are provided. In some embodiments a system for displaying computer generated image is provided and may include transparent surface including a coating and a processor. The processor may be configured to receive a computer generated image determine the type of computer generated image vary a voltage applied to the coating of the transparent surface based on the determined type of computer generated image and display the received computer generated image on the transparent surface.

No. of Pages: 19 No. of Claims: 20

(21) Application No.499/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR DETERMINING CONTROL FIELD AND MODULATION CODING SCHEME 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 	:H04L1/00 :61/387542 :29/09/2010 :U.S.A. :PCT/US2011/054079 :29/09/2011 :WO 2012/044861 :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)SAMPATH Hemanth 2)MERLIN Simone 3)WENTINK Maarten Menzo 4)ABRAHAM Santosh Paul
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⁽⁵⁷⁾ Abstract:

Systems method and apparatus of managing wireless communication are described herein.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS OF USING CDD LIKE SCHEMES WITH UE RS BASED OPEN LOOP BEAMFORMING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04L25/03 :61/391016 :07/10/2010 :U.S.A. :PCT/US2011/055032 :06/10/2011 :WO 2012/048072 :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)BHATTAD Kapil 2)GAAL Peter
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus of wireless communication are disclosed. The wireless communication performs pilot signal transmissions using a first precoding matrix for user equipment specific pilot signals the pilot signal transmissions having a first transmission rank. The wireless communication also performs data transmissions using a second precoding matrix for data when the data transmissions have a second transmission rank less than the first transmission rank in which the second precoding matrix includes a transformed version of the first precoding matrix. Alternatively the wireless communication can perform data transmissions using at least two precoding matrices for data when the data transmissions have a second transmission rank less than or equal to the first transmission rank. Accordingly the precoding matrix used for data is a transformed version of the precoding matrix used for user equipment specific pilot signals.

No. of Pages: 43 No. of Claims: 60

(21) Application No.545/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: ANTI FREE FLOW OCCLUDER AND PRIMING ACTUATOR PAD

(51) International :A61M5/158,A61M39/08,A61M39/28 classification

(31) Priority Document No :61/388901 (32) Priority Date :01/10/2010 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2011/053955 Application No

:29/09/2011 Filing Date

(87) International

:WO 2012/044807 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)ZEVEX INC.

Address of Applicant: 4314 Zevex Park Lane Salt Lake City

UT 84123 U.S.A. (72)Name of Inventor:

1)BECK Kent

(57) Abstract:

A system for selectively preventing free flow in a tube includes an in line occluder disposed in the tube and an actuator pad for creating a flow path between the tube and the occluder. The actuation pad presses towards the occluder from a single side and stretches the tube to create a large flow path. The occluder stem is strengthened to resist deformation and damage from the forces applied by the actuator pad.

No. of Pages: 35 No. of Claims: 24

(22) Date of filing of Application :28/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: LOW DOSE PHARMACEUTICAL COMPOSITION COMPRISING ZANAMIVIR

(51) International :A61K31/155,A61K31/196,A61K31/351 classification

(31) Priority Document :2684/MUM/2010

(32) Priority Date :27/09/2010

(33) Name of priority

country

(86) International

Application No :26/09/2011

Filing Date

(87) International Publication No

(61) Patent of Addition

:NA to Application Number :NA Filing Date

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

:India

:PCT/GB2011/001395

:WO 2012/042197

:NA

(71)Name of Applicant: 1)CIPLA LIMITED

Address of Applicant: Mumbai Central Mumbai 400 008

Maharashtra India

(72)Name of Inventor: 1)MALHOTRA Geena

2)PURANDARE Shrinivas Madhukar

(57) Abstract:

The present invention provides a pharmaceutical composition comprising a low dose of zanamivir and a process for preparing the pharmaceutical composition comprising a low dose of zanamivir. The pharmaceutical composition comprising a low dose zanamivir may be used in the treatment and/or prophylaxis of influenza. The present invention also provides a method of treatment and/or prophylaxis of influenza which comprises administering a dry powder inhaler composition comprising a low dose zanamavir. The pharmaceutical composition of the present invention comprises zanamivir and one or more pharmaceutically acceptable excipients wherein the total daily dose of the zanamivir is less than 10 mg preferably for administration at least once a day and preferably wherein the composition delivers from 3 mg to 8 mg of zanamivir per administered dose.

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

(21) Application No.478/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DISACCHARIDES APPLIED TO HEPARIN PENTASACCHARIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/10/2011 :WO 2012/047174 :NA :NA :NA	(71)Name of Applicant: 1)SCINOPHARM SINGAPORE PTE LTD. Address of Applicant: 5 Shenton Way #07 01 UIC Building Singapore 068808 (72)Name of Inventor: 1)HSIAO Tsung Yu 2)LIN Chen Wei
Filing Date	:NA :NA	

(57) Abstract:

The invention provides an intermediate of formula (I) and the process for making the same. This intermediate is useful in the process for making polysaccharides and more particularly fondaparinux.

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

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: PURE INTERMEDIATE FOR PREPARING LETROZOLE

(51) International

:C07D249/08,A61K31/4196,A61P35/00

classification

(19) INDIA

(31) Priority Document :2395/MUM/2010

(32) Priority Date :27/08/2010

(33) Name of priority country

:India

(86) International

:PCT/GB2011/051611

Application No Filing Date

:26/08/2011

(87) International

:WO 2012/025762

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)GENERICS [UK] LIMITED

(21) Application No.523/MUMNP/2013 A

Address of Applicant : Albany Gate Darkes Lane Potters Bar

Hertfordshire EN6 1AG U.K.

(72)Name of Inventor:

1)GORE Vinayak Govind

2)SHUKLA Vinay Kumar

3)MEKDE Sandeep

4)HASBE Suresh

5)BHANDARI Shreyas

6)SHINDE Dhananjay

7)PATIL Madhukar Shaligram

(57) Abstract:

The present invention relates to an improved process for the preparation of Letrozole (I) and its synthetic intermediate 4 [(1 (1 2 4 triazolyl)methyl]benzonitrile (III). In particular it relates to a process to prepare Letrozole and its intermediate (III) substantially free from regioisomeric impurities. The present invention further relates to acid addition salts of 4 [(1 (1 2 4 triazolyl)methyl]benzonitrile (III) such as the oxalate salt and also to Letrozole (I) the intermediate (III) and salts thereof preparable by the processes of the present invention.

No. of Pages: 55 No. of Claims: 53

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 09/05/2014

:NA

:NA

:NA

(54) Title of the invention: ENERGY EFFICIENT LAMP

(51) International classification :H01J61/10,H01J61/70 (71)Name of Applicant : (31) Priority Document No 1)YEHI OR LIGHT CREATION LTD. :61/376271 (32) Priority Date Address of Applicant :6/50 Shvil HaZahav 43524 RaAnana :24/08/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IL2011/000682 (72)Name of Inventor: Filing Date :24/08/2011 1)EMANUEL Avraham (87) International Publication No :WO 2012/025924 (61) Patent of Addition to Application :NA Number

(21) Application No.524/MUMNP/2013 A

(57) Abstract:

Filing Date

Filing Date

A lighting tube provides a path from the anode (14) to the cathode (16) in which the kinetic energy of the electrons is maintained substantially within the range of the excitation energies of visible photons and in particular the excitation energies of yellow light. Magnets (20 22) are arranged to provide a magnetic field that is substantially perpendicular to the electric field between anode and cathode. The orthogonal electrical and magnetic fields along the path are provided with values that accelerate the electrons but limit the maximum kinetic energy. Low pressure gas may be provided in the tube.

No. of Pages: 58 No. of Claims: 34

(62) Divisional to Application Number

(21) Application No.566/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date: 09/05/2014

(54) Title of the invention: HYBRID POLYESTER FLUOROCARBON POWDER COATING COMPOSITION AND PROCESS FOR MANUFACTURE THEREOF

(51) International :C09D5/00,C09D167/02,C09D127/12

classification

(31) Priority Document No :PCT/CN2010/077704

(32) Priority Date :13/10/2010 (33) Name of priority

:China

country

(86) International :PCT/CN2011/080733 Application No

:13/10/2011 Filing Date

(87) International

(61) Patent of Addition to

Application Number Filing Date

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

Publication No

:WO 2012/048650

:NA :NA

(71)Name of Applicant:

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(72)Name of Inventor:

1)WANG Lijun 2)JIANG Wei

3)BELL Graeme Alan

4)CHAKRAVORTY Nirmalya

(57) Abstract:

Hybrid polyester fluorocarbon powder coating composition and manufacture thereof are provided. These powder coating compositions are manufactured in a process comprising the steps of: Preparation of a polyester powder coating composition A comprising a polyester resin and a curing agent for said polyester resin; Preparation of a fluorocarbon powder coating composition B comprising a fluorocarbon resin and a curing agent for said fluorocarbon resin; and Dry blending said polyester powder coating composition A and fluorocarbon powder coating composition B wherein the weight ratio of polyester powder coating composition A to fluorocarbon powder coating composition B is in the range of 70:30 to 30:70.

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: SHIPPING PACKAGE WITH END RETAINER AND METHOD THEREFOR

(51) International :B65D43/02,B65D59/08,B65D81/05 classification (31) Priority Document No :12/890839 (32) Priority Date :27/09/2010 (33) Name of priority country: U.S.A. (86) International :PCT/IB2011/002243 Application No :27/09/2011

Filing Date

(87) International Publication :WO 2012/042342 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)LINCOLN GLOBAL INC.

Address of Applicant: 17721 Railroad St. City of Industry CA

91748 U.S.A.

(72)Name of Inventor: 1)WEISSBROD Paul A.

(57) Abstract:

The invention is related to a shipping package comprising a can body (20) having an interior volume (22) and at least one closable end (26). An end closure (28) is closably engaging the closable end (26) of the can body (20) having a recessed portion (30) adapted to fit within a portion of the can body adjacent the closable end. A disposable reinforcing member (32) is corresponding to at least a portion of the recessed portion (30) of the end closure secured adjacent to an exterior surface of the recessed portion (30).

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

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CAMERA PARAMETER- ASSISTED VIDEO FRAME RATE UP CONVERSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/348,400 :26/05/2010 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America. (72)Name of Inventor: 1)LIANG Liang 2)HUNG Bob R. 3)DANE Gokce
(87) International Publication No(61) Patent of Addition to ApplicationNumber	: NA :NA	1)LIANG Liang 2)HUNG Bob R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure describes techniques for obtaining one or more video capture parameters associated with a video capture device and using the obtained video capture parameters to control a video decoding process. The obtained video capture parameters may be for example parameters associated with auto exposure control (AE) auto focus (AF) and auto white balance (AWB) zooming motion in captured frames and the like. The video encoding device may embed the video capture parameters in the encoded video bit stream such that a decoder may utilize the camera parameters during frame rate up-conversion.

No. of Pages: 51 No. of Claims: 60

(22) Date of filing of Application: 27/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHODS AND APPARATUS TO AUTHENTICATE REQUESTS FOR NETWORK CAPABILITIES FOR CONNECTING TO AN ACCESS NETWORK

(51) International :H04W88/06,H04W48/14,H04W72/04 classification

(31) Priority Document No :12/779,822

(31) Priority Document No :12/7/9,822 (32) Priority Date :13/05/2010 (33) Name of priority :U.S.A.

country (86) International DCT/LIGG

Application No :PCT/US2011/035004

:NA

Filing Date :03/05/2011

(87) International : NA Publication No

(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to
Application Number

NA
:NA
:NA

(71)Name of Applicant:

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario

N2L 3W8 Canada (72)Name of Inventor:

1)MCCANN Stephen 2)MONTEMURRO Michael

3)STEER David

4)KENNEDY Richard Howard

5)DWYER Johanna Lisa

(57) Abstract:

Filing Date

Example methods and apparatus to authenticate requests for network capabilities for connecting to an access network are disclosed. A disclosed example method involves receiving a request at a first access network. The request requests network connectivity information for connecting a wireless terminal to a second access network. The example method also involves encapsulating the request in an authentication frame. The authentication frame indicates the request as a white space protocol frame. The authentication frame is sent to a database addressed in the request.

No. of Pages: 46 No. of Claims: 21

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR DATA TRANSMISSION IN RADIO 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 	:H04W52/26 :201010190407.7 :29/05/2010 :China :PCT/CN2011/074837 :30/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)Huawei Technologies Co. Ltd. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P.R. China China (72)Name of Inventor: 1)BAI Wei 2)ZHENG Juan 3)YAN Zhiyu
Filing Date	:NA	

(57) Abstract:

The embodiments of the present invention provide a method and apparatus for data transmission in a radio network. The method includes: a first access point sends transmission information of a data channel allocated to a user terminal to a second access point enabling the second access point sending data to the user terminal through the data channel according to the transmission information of the data channel where the first access point sends no data through the data channel or sends data to other user terminals than the user terminal through the data channel at a transmit power less than or equal to a first power. The technical solution of the present invention can avoid channel interference between the second access point and the first access point in a heterogeneous network scenario and improve transmission performance.

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

:NA

(19) INDIA

(22) Date of filing of Application :28/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DECISION SUPPORT SYSTEMS (DSS) AND ELECTRONIC HEALTH RECORDS (EHR)

(51) International (71)Name of Applicant: :G06Q50/00,G06N5/04,G06Q30/00 classification 1)UNIVFY Inc. (31) Priority Document No Address of Applicant: 685 Jay Street Los Altos California :61/356.646 (32) Priority Date :20/06/2010 94025 United States of America. (33) Name of priority country: U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/040384 1)YAO Mylene :14/06/2011 Filing Date (87) International Publication : NA No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Provided are methods of delivering decision support systems (DSSs) to healthcare providers patients and/or consumers with or without integrated electronic health records (EHRs) for reproductive care and other health conditions. The DSS platforms of the present invention include prediction models based upon de-identified data sets and customized algorithms that may be clinic specific region specific and/or population specific. The DSS platforms of the present invention also include methods of providing third party payments of an individuals medical bills wherein the third party is not capable of viewing the personal health identifiers of the individual.

No. of Pages: 39 No. of Claims: 45

(22) Date of filing of Application :28/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: AXIAL SEAL STRUCTURE AND ROTATION MECHANISM PROVIDED WITH SAME

(51) International classification: F16J15/22,F01D11/00,F01D25/00 (71) Name of Applicant:

:23/06/2011

(31) Priority Document No :2010-143765 (32) Priority Date :24/06/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/064391

Filing Date

(87) International Publication : NA

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

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

1)MITSUBISHI HEAVY INDUSTRIES LTD.

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Tokyo 1088215 Japan (72)Name of Inventor:

1)UEHARA Hidekazu 2)SHINOHARA Tanehiro 3)NAKANO Takashi

4)NISHIMOTO Shin

(57) Abstract:

An axial seal structure includes a high-pressure-side regulating member (30) that regulates the flow of a fluid from a high pressure side to multiple thin sheet seal pieces (20) arranged with minute gaps from each other in the circumferential direction along the high pressure side of the multiple thin sheet seal pieces (20) and along an outer periphery of a rotating shaft (6). The high-pressure-side regulating member (30) has flexible multiple wires (35). Longitudinal directions of the multiple wires (35) are directed towards a direction having a radial component of the rotating shaft (6). Tips (35b) that are radial inner ends of the wires form free ends, and are brought into close proximity to or into contact with the outer peripheral surface of the rotating shaft (6). The wires (35) that are adjacent to each other in the circumferential direction come into contact with each other partially in the longitudinal directions.

No. of Pages: 42 No. of Claims: 7

(22) Date of filing of Application :28/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM FOR USE IN TREATMENT OF VERTEBRAL FRACTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)DFINE INC. Address of Applicant: 3047 Orchard Parkway San Jose CA 95134 United States of America (72)Name of Inventor: 1)GERMAIN Aaron
Filing Date	:NA	

(57) Abstract:

Methods and devices that displace bone or other hard tissue to create a cavity in the tissue. Where such methods and devices rely on a driving mechanism for providing moving of the device to form a profile that improves displacement of the tissue. These methods and devices also allow for creating a path or cavity in bone for insertion of bone cement or other filler to treat a fracture or other condition in the bone. The features relating to the methods and devices described herein can be applied in any region of bone or hard tissue where the tissue or bone is displaced to define a bore or cavity instead of being extracted from the body such as during a drilling or ablation procedure.

No. of Pages: 49 No. of Claims: 18

(22) Date of filing of Application :28/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM FOR USE IN TREATMENT OF VERTEBRAL FRACTURES

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of priority country SU.S.A. (95134 United States of America (72)Name of Inventor: 1)GERMAIN Aaron 2)SHADDUCK John H. 3)TRUCKAI Csaba **NA** **NA** **NA** **INA** **INA*	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/US2011/034628 :29/04/2011 : NA :NA :NA :NA	(72)Name of Inventor: 1)GERMAIN Aaron 2)SHADDUCK John H.
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(57) Abstract:

Methods and devices that displace bone or other hard tissue to create a cavity in the tissue. Where such methods and devices rely on a driving mechanism for providing moving of the device to form a profile that improves displacement of the tissue. These methods and devices also allow for creating a path or cavity in bone for insertion of bone cement or other filler to treat a fracture or other condition in the bone. The features relating to the methods and devices described herein can be applied in any region of bone or hard tissue where the tissue or bone is displaced to define a bore or cavity instead of being extracted from the body such as during a drilling or ablation procedure.

No. of Pages: 56 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 27/11/2012

(21) Application No.10015/CHENP/2012 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: MULTI-PURPOSE FORMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)WILEN Richard Address of Applicant: 3333 SW 15th Street Deerfield Beach FL 33442 United States of America. (72)Name of Inventor: 1)WILEN Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A printable and unprintable multi-purpose form is described that features detachable components including a correspondence piece such as a greeting card and a scrip such as a gift card. The correspondence piece can be a greeting card or a post card. The scrip can be any non-monetary certificate exchangeable for currency goods or services including for example a gift card or a gift certificate. The detachable components can also include an envelope piece having multiple leafs and adhesive areas for folding and assembling into an envelope. The assembled envelope can be used to mail the correspondence piece and scrip from a giftor to a giftee. The form can be used in conjunction with a website and software to customize the detachable components for imprinting using a printer and to create a virtual e-card that includes customizations corresponding to the users customizations of the multipurpose form.

No. of Pages: 64 No. of Claims: 56

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DEVICE FOR ROUND TRIP TIME MEASUREMENTS

(51) International classification	:G01S5/14	(71)Name of Applicant :
(31) Priority Document No	:12/772,029	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/034677	United States of America
Filing Date	:29/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)DAS Saumitra Mohan
(61) Patent of Addition to Application	:NA	2)AGGARWAL Alok
Number	:NA	3)NAGUIB Ayman Fawzy
Filing Date	.IVA	4)HARDIE Edward Thomas Lingham
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An appliance facilitates localization of a station (STA) in a network for example a short-range wireless network. An automatic response to a request for a measurement related communication is provided. The appliance can include a radio frequency (RF) interface and a media access control (MAC) section. The MAC section can receive the request and generate the automatic response immediately after a uniform period that is uniform among any such appliance within the network. The appliance performs only the generation of the automatic response though the response can include additional information such as (x y) coordinates of the appliance.

No. of Pages: 46 No. of Claims: 29

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: THREE-DIMENSIONAL IMAGE PROCESSING

(51) International classification	:H04N13/00,G06T7/00	(71)Name of Applicant:
(31) Priority Document No	:61/349,738	1)QUALCOMM INCORPORATED
(32) Priority Date	:28/05/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/037779	United States of America.
Filing Date	:24/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)GOMA Sergiu R.
(61) Patent of Addition to Application	:NA	2)ATANASSOV Kalin M.
Number	:NA	3)ALEKSIC Milivoje
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods of 3D image processing are disclosed. In a particular embodiment a three-dimensional (3D) media player is configured to receive input data including at least a first image corresponding to a scene and a second image corresponding to the scene and to provide output data to a 3D display device. The 3D media player is responsive to user input including at least one of a zoom command and a pan command. The 3D media player includes a convergence control module configured to determine a convergence point of a 3D rendering of the scene responsive to the user input

No. of Pages: 53 No. of Claims: 40

(21) Application No.10054/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: NOVEL PROCESS FOR PRODUCING BISAMINOPHENYLALKYLUREA

(51) International classification :C07C273/18,C07C275/24,C07B61/00

(31) Priority Document No :2010-105935 (32) Priority Date :30/04/2010

(33) Name of priority country :Japan

(86) International :PCT/JP2011/060182

Application No Filing Date :1C1/31201

(87) International Publication No : NA

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

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

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(72)Name of Inventor:
1)TAKASE Kenji
2)TOKUNAGA Kenichi
3)GOTO Yuichi

(57) Abstract:

To produce a bisaminophenylurea as the desired product with high purity in high yield with a high volume efficiency with a small amount of by-products. A (nitrophenyl)alkylamine hydrohalide represented by the formula (1) and a carbonyl compound represented by the formula (2) are subjected to a condensation reaction in an amide solvent in the presence of a base to produce a nitro compound represented by the formula (3) and the obtained nitro compound is reduced in a lower alcohol solvent to produce a bisaminophenylalkylurea represented by the formula (4).

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

(21) Application No.10055/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: GRAVITY-FILTRATION WATER PURIFIER

(51) International classification :C02F1/28,B01D69/08,C02F1/42 (71)Name of Applicant: (31) Priority Document No :2010-114336 (32) Priority Date :18/05/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/061406 No

:18/05/2011 Filing Date

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

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

1)MITSUBISHI RAYON CLEANSUI COMPANY

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Tokyo 1030016 Japan (72)Name of Inventor: 1)TAKEDA Hatsumi

2)HATAKEYAMA Atsushi

(57) Abstract:

A gravity-filtration water purifier includes a vessel body a plurality of partition units that are detachably attached to the vessel body and that vertically partition at least a part in the vessel body into a plurality of stages and a water filter cartridge that is mounted on each of the plurality of partition units and that purifies water on the partition unit and supplies the purified water to below the partition unit. Here the gravity-filtration water purifier purifies raw water supplied to the uppermost stage using its own weight.

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

(21) Application No.10056/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHODS APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR CONTROLLING THE TRANSMISSION OF MEASUREMENT REPORTS

(51) International classification :H04W36/00,H04W84/04 (71)Name of Applicant : (31) Priority Document No :12/780.680 (32) Priority Date :14/05/2010

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

(86) International Application No :PCT/EP2011/057752 :13/05/2011

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

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

1)RESEARCH IN MOTION LIMITED

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N2L 3W8 Canada Canada (72)Name of Inventor: 1)HOLE David Philip

(57) Abstract:

Systems and methods for transmission of measurement reports are provided. In some cases once a mobile station transmits a measurement report for a cell such as an uncontrolled cell then the mobile station transmits some further minimum number of measurement reports. In some cases a mobile station can only transmit measurement reports for a cell up to some maximum or for some specified time. The mobile station transmits measurement reports using two formats. In the first the cell is identified using routing parameters; in the second the cell is not identified using routing parameters. The network is able to associate messages sent using the two formats.

No. of Pages: 69 No. of Claims: 71

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND STRUCTURE CAPABLE OF CHANGING COLOR SATURATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B26/00 :61/346,846 :20/05/2010 :U.S.A. :PCT/US2011/036690 :16/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM MEMS TECHNOLOGIES INC. Address of Applicant: 5775 Morehouse Drive San Diego CA 92121 USA (72)Name of Inventor: 1)LIU Jian 2)DJORDJEV Kostadin 3)MIGNARD Marc Maurice
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(57) Abstract:

Various embodiments include an interferometric modulator device configured to provide improved saturation. In some embodiments saturation is improved by optically matching the impedance of two materials with different refractive indices using a multilayer having a refractive index gradient. In various embodiments the thickness one or more of the layers in the multilayer are selected to provide increased saturation. Accordingly in various embodiments the multilayer having a refractive index gradient helps to narrow the resonance of a pixel such that the band of wavelengths that are reflected from the pixel is smaller. In turn a device including a combination of red green and blue pixels may expand the spectrum of colors that are reflected by the device in operation. Additionally there may be better contrast between whites and blacks as darker blacks with less hue are produced.

No. of Pages: 57 No. of Claims: 43

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: ENCODING DEVICE AND ENCODING 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 	:02/06/2011 : NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan Minato-ku Tokyo 108- 0075 Japan (72)Name of Inventor: 1)JUNICHI TANAKA
` /	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an encoding apparatus and an encoding method capable of reducing the overhead on a macroblock basis. A number of reference image decision unit 19 determines that the number of fields of the reference image in encoding is one on the basis of the bit rate of the coded data. If the number of fields of the reference image is determined to be one, a slice header generating unit 13 selects, from among pictures input to an image sorting buffer 12, one of the pictures as the reference image. The present invention is applicable to, for example, encoding apparatuses that perform video coding based on the AVC standard.

No. of Pages: 63 No. of Claims: 10

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : MICROPELLET COMPOSITIONS COMPRISING PANCREATIN CONTAINING DIGESTIVE ENZYME MIXTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K9/26 :61/330,768 :03/05/2010 :U.S.A. :PCT/US2011/035023 :03/05/2011 : NA :NA	(71)Name of Applicant: 1)APTALIS PHARMA LIMITED Address of Applicant: The Yard House-Killruddery Estate Southern Cross Road Bray Co. Wicklow Ireland. (72)Name of Inventor: 1)Gopi M. VENKATESH 2)Craig KRAMER 3)Flavio FABIANI 4)Luigi MAPELLI 5)Giovanni ORTENZI
(61) Patent of Addition to Application	:NA	3)Flavio FABIANI
(62) Divisional to Application Number Filing Date	:NA :NA	6)Massimo LATINO

(57) Abstract:

The present invention relates to a small particle size composition comprising pancreatin containing digestive enzymes for use in patients in need including pediatric geriatric and adult patients particularly those patients with dysphagia or wherein enteral administration using such composition would be suitable. In addition the invention is directed to the composition as particles such as micropellets or microgranules having a high potency high useable yield and at least 10% - 90% of $400-800~\mu m$. Furthermore the composition optionally has an improved enteric coating and concomitant improved stability and enzyme activity compared to conventional prepared enterically coated pancreatic enzyme particles.

No. of Pages: 66 No. of Claims: 39

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TOUCH DETERMINATION BY TOMOGRAPHIC RECONSTRUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/042 :61/282,973 :03/05/2010 :U.S.A. :PCT/SE2011/050520 :28/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)FLATFROG LABORATORIES AB Address of Applicant: Traktorvgen 11 S-226 60 Lund Sweden. (72)Name of Inventor: 1)Tomas CHRISTIANSSON 2)Peter JUHLIN
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(57) Abstract:

A touch-sensitive apparatus comprises a panel configured to conduct signals from a plurality of peripheral incoupling points to a plurality of peripheral outcoupling points. Actual detection lines are defined between pairs of incoupling and outcoupling points to extend across a surface portion of the panel. The signals may be in the form of light, and objects touching the surface portion may affect the light via frustrated total internal reflection (FTIR). A signal generator is coupled to the incoupling points to generate the signals, and a signal detector is coupled to the outcoupling points to generate an output signal. A data processor operates on the output signal to enable identification of touching objects. The output signal is processed (40) to generate a set of data samples, which are indicative of detected energy for at least a subset of the actual detection lines. The set of data samples is processed (42) to generate a set of matched samples, which are indicative of estimated detected energy for fictitious detection lines that have a location on the surface portion that matches a standard geometry for tomographic reconstruction. The set of matched samples is processed (44, 46) by tomographic reconstruction to generate data indicative of a distribution of an energy-related parameter within at least part of the surface portion.

No. of Pages: 74 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CANCER TREATMENT

(51) International classification :A61K39/385,A61K39/00,A61K47/42

(31) Priority Document No :61/347,336 (32) Priority Date :21/05/2010 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2011/037327

Application No Filing Date :10/05/2011

(87) International Publication No : NA

(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)UNIVERSITY OF MIAMI

(21) Application No.10094/CHENP/2012 A

Address of Applicant :1507 Levante Avenue Max Orovitz Bldg. Suite 327 Coral Gables FL 33124 United States of

America.

(72)Name of Inventor:

1) Eckhard R. PODACK

(57) Abstract:

A cell-based vaccine prolongs the survival of cancer patients. The vaccine includes a dose of irradiated cultured lung adenocarcinoma cells (AD 100) transfected with HLA Al and gp96-Ig (human gp96 wherein the endoplasmic reticulum retention signal KDEL is replaced with the Fc-portion of human IgG1 and was injected intradermally into patients suffering from advanced relapsed or metastatic NSCLC. Administration of the vaccine increased the mean survival time of the patients compared to that of similar patients treated with placebo. Moreover the immune response of patients to the vaccine (antigen-induced interferon gamma production by T cells) correlated with the survival times.

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

(21) Application No.10095/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRIAZOLE COMPOUND HAVING PESTICIDAL ACTIVITIES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:C07D249/14,A01N43/653,A01P7/02 :2010-125451 :01/06/2010 :Japan :PCT/JP2011/062262 :27/05/2011 : NA :NA	(71)Name of Applicant: 1)Kumiai Chemical Industry Co. Ltd. Address of Applicant: 4-26 Ikenohata 1-chome Taitoh-ku Tokyo Japan 2)Ihara Chemical Industry Co. Ltd. (72)Name of Inventor: 1)Keiji Toriyabe 2)Jun Inoue 3)Masaaki Komatsu
Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide a triazole compound which has remarkably excellent pesticidal activities. Optically active (+)-1-[2-fluoro-4-methyl-5-(2 2 2-trifluoroethylsulfinyl)phenyl]-5-amino-3-(trifluoromethyl)-1H-1 2 4-triazole represented by the following formula (I) which is obtainable by subjecting a racemic modification of 1-[2-fluoro-4-methyl-5-(2 2 2-trifluoroethylsulfinyl)phenyl]-5-amino-3-(trifluoromethyl)-1H-1 2 4-triazole to optical resolution:

No. of Pages: 22 No. of Claims: 6

(21) Application No.10096/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: NOVEL ECDYSTERONE SYNTHESIS DERIVATIVE PREPARATION METHOD AND USE **THEREOF**

(51) International :C07J51/00,A61K31/665,A61P3/10

classification

(31) Priority Document No :201010168580.7 (32) Priority Date :07/05/2010 (33) Name of priority country: China

(86) International Application :PCT/CN2011/073791

No :06/05/2011

Filing Date

(87) International Publication : NA

(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) CHONGQING ZEN PHARMACEUTICAL CO. LTD.

Address of Applicant: 70 Keyuan 4 Street Jiulongpo District

Chongqing 400039 China. China (72)Name of Inventor:

1)Yongpeng XIA

2)Xiaolin WANG

3)Yong QIN

4)Zongyin QIU

5)Lirong XU

6)Min ZHANG 7)Dan ZHANG

8)Bao DING

9)Qiu CHEN

(57) Abstract:

This invention discloses a novel compound with the structure of formula I or pharmaceutically acceptable salts or solvates thereof. In addition the invention further discloses a method for preparing the compound a pharmaceutical composition containing the compound and use thereof in the preparation of a hypoglycemic medicament.

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

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CONTROL INFORMATION SIGNALING FOR MIMO TRANSMISSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/00 :61/358,333 :24/06/2010 :U.S.A. :PCT/US2011/041807 :24/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: 5775 Morehouse Drive San Diego California 92121 USA (72)Name of Inventor: 1)GAAL Peter 2)CHEN Wanshi 3)MONTOJO Juan
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(57) Abstract:

Certain aspects of the present disclosure provide techniques for conveying downlink control information (DCI). According to certain aspects the DCI comprises at least a first field that indicates both a rank indication (RI) and a number of enabled transport blocks (TBs) and at least a second field that indicates either a modulation and coding scheme (MCS) for an enabled TB if the first field indicates more than one TB is enabled or information other than the MCS if the first field indicates a single TB is enabled.

No. of Pages: 35 No. of Claims: 40

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : TIME-SLICED SEARCH OF RADIO ACCESS TECHNOLOGIES DURING CONNECTED-MODE RADIO LINK FAILURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:21/07/2010 : NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 USA (72)Name of Inventor: 1)SURESHCHANDRAN Swaminathan 2)UMATT Bhupesh M. 3)SRIRAMBHATLA Kishore
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	: NA :NA :NA	2)UMATT Bhupesh M. 3)SRIRAMBHATLA Kishore
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Facilitating apportioning of a radio link failure (RLF) recovery timer among a plurality of radio access technologies (RAT). Once a RLF is determined a RLF recovery timer can be obtained and its value is split according to a timer allocation. The timer allocation can include equal or weighted percentages related to the plurality of RATs and a timer value can be split according to the percentages to attempt connection using a RAT during a corresponding portion of the value of the timer. In addition the timer allocation can be defined according to a type of communication. In this regard for voice calls the timer can be split among circuit- switched networks regardless of a network from which connection is lost and/or the like. Moreover the timer allocation can be defined based on RAT deployment characteristics.

No. of Pages: 40 No. of Claims: 36

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR WIRELESS DISTRIBUTED COMPUTING

(51) International classification	:H04W84/04,H04W28/06,H04W4/18	(71)Name of Applicant: 1)QUALCOMM Incorporated
(31) Priority Document No	:61/351,724	Address of Applicant :Attn: International IP Administration
(32) Priority Date	:04/06/2010	5775 Morehouse Drive San Diego California 92121 USA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)KRISHNASWAMY Dilip
(86) International Application No Filing Date	:PCT/US2011/039176 :03/06/2011	2)YALLAPRAGADA Subbarao V. 3)NANDA Sanjiv 4)DAS Soumya
(87) International Publication No	: NA	5)SOLIMAN Samir Salib 6)TINNAKORNSRISUPHAP Peerapol
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)NARAYANAN Vidya
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for distributed computing between communication devices. A femto node is treated as a trusted extension of a user equipment and performs processing tasks on behalf of the user equipment. The femto node is also treated as a trusted extension of network servers and performs services on behalf of the network servers. Tasks are thus distributed between the network servers the femto node and one or more user equipments. The tasks include processing data filtering incoming messages and caching network service information

No. of Pages: 62 No. of Claims: 70

(22) Date of filing of Application: 12/08/2011 (43) Publication Date: 09/05/2014

(54) Title of the invention : PRODUCTION OF A COLD ACTIVE β -GALACTOSIDASE FROM A NOVEL MARINE PSYCHROPHILIC THALASSOSPIRA SPECIES AND AN IMPROVED PROCESS TO INCREASE ITS YIELD FOR INDUSTRIAL USE THEREOF

		(71)Name of Applicant :
(51) International classification	:C02F	1)DR. KRISHNA KANTH PULICHERLA
(31) Priority Document No	:NA	Address of Applicant :PROF. & HEAD, DEPT. OF
(32) Priority Date	:NA	BIOTECHNOLOGY, R.V.R. & J.C. COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, CHOWDAVARAM, GUNTUR - 522 019
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	2)DR. KRS SAMBASIVA RAO
(87) International Publication No	: NA	3)DEPARTMENT OF BIOTECHNOLOGY (DBT)
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. KRISHNA KANTH PULICHERLA
(62) Divisional to Application Number	:NA	2)MR. P.SURESH KUMAR
Filing Date	:NA	3)MR. MRINMOY GHOSH
-		4)DR. KRS SAMBASIVA RAO

(57) Abstract:

In the present invention, Thalassospira frigidphilosprofundus, a novel species from deep waters of Bay of Bengal was explored for the production of a cold active p-galactosidase by submerged fermentation using the Zobell marine medium as the basal medium. Effects of various medium constituents' viz., carbon, nitrogen source, pH and temperature were investigated. The Taguchi orthogonal array design of experiments and the central composite rotatable design (CCRD) of response surface methodology. The cold active P-galactosidase enzyme production from Thalassospira sp was enhanced from 3,865 U/ml to 10,657 U/ml under optimal experimental conditions, and 11,342 U/ml under batch fermentation which is almost three times higher than the cold active P-galactosidase production from the well reported psychrophilic microorganisms. Large-scale production of P-galactosidase by psychrophilic Thalassospira sp. 3SC-21 is achieved by optimizing the fermentation process using a medium with minimum and or low-cost components without compromising the efficiency.

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

(22) Date of filing of Application :02/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : AERODYNAMIC BRAKING AND REAL TIME CONTROL SYSTEM FOR VERTICAL AXIS WIND TURBINE

(51) International classification	:F03D7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO. 6, NEW NO. 72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 vertical axis wind turbine with an aerodynamic braking and a real time control system for dynamically controlling and stopping a speed of the vertical axis wind turbine at high/critical wind speed. The aerodynamic braking system (7) includes a driving means (8), a cylindrical rod (9), a hollow cylindrical moving means (10), at least two lifting means (11), plurality of flap means (14), a stopper (12), a connecting means (13), a control means and plurality of sensors. Wherein the said cylindrical rod (9) and hollow cylindrical moving means (10) synchronously rotating together in normal wind speed condition for maintaining flap means at normal position. When the wind speed increases beyond the predetermined speed limit then the control means either stops or speeds up the driving means (8) to allow the movement of hollow cylindrical moving means (10) and actuate a lifting means (11) to tilt the said flap means (14) for controlling the speed of the wind turbine.

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

(22) Date of filing of Application :02/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : A SELF POWER GENERATING AERODYNAMIC BRAKING SYSTEM AND REAL TIME CONTROL SYSTEM FOR WIND TURBINE USING AUXILARY AEROGENERATOR

(51) Intermedianal alegais action	.E02D	(71)Name of Applicants
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO. 6, NEW NO. 72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 wind turbine with self-power generating aerodynamic braking system and real time control system for generating electricity and dynamically controlling a speed of the wind turbine at high wind/required speed condition by using auxiliary aero-generator. The system includes at least one aero generator (4) configured to generate power for controlling the speed of the wind turbine by actuating flap means (5) through driving means (3). When the turbine speed exceeds the predetermined speed limit then the real time control means dynamically controls the driving means to tilt the said flap means at plurality of predetermined positions with respect to corresponding turbine speed thereby the speed and/or power output of the turbine is gradually controlled.

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

(22) Date of filing of Application :02/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: A SELF POWERED AERODYNAMIC BRAKING SYSTEM AND REAL TIME CONTROL SYSTEM FOR WIND TURBINE USING WIND TURBINE ROTATION

(51) I	F02D7/00	
(51) International classification	:F03D7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO. 6, NEW NO. 72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 vertical axis wind turbine with self-powered aerodynamic braking system and real time control system for generating electricity and dynamically controlling a speed of the vertical axis wind turbine at high/critical wind speed condition. The system includes plurality of self-generating means (3) configured to generate self-power for driving means (9) of aerodynamic braking system and real time control system respect to tilt a flap means (11) and enable braking. Wherein, when the turbine speed exceeds the predetermined speed limit then the said real time control means controls the driving means (9) to tilt the said flap means (11) at plurality of positions with respect to corresponding turbine speed, the plurality of position of flap means (11) refers the angle where the turbine gets sufficient drag force to control the speed of the turbine.

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

(22) Date of filing of Application :02/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR BIO GAS GENERATION USING ELECTRO-KINETIC TRANSPORT

(51) International classification	:c02f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO. 6, NEW NO. 72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		

(57) Abstract:

The present invention relates to a system and method for generating bio-gas from organic waste and improving the digestion process by cultivating the bacteria in separate cultivating means and moving the bacteria from the cultivating means to main container by means of electro kinetic transport, the system comprises of a main container configured to maintain anaerobic environment and perform digestion process with organic waste to generate biogas and a cultivating means configured to cultivate bacteria/anaerobes in highly favourable environment to improve the growth level and an electro kinetic transporting means configured to maintain favourable power supply/charge in main container means to attract the bacteria/anaerobes from cultivating means to main container thereby obtaining optimum bio gas generation.

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

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: MANAGEMENT OF OBJECTS BY INFORMATION PROCESSING 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 	:G06F9/44 :1054235 :01/06/2010 :France :PCT/FR2011/050478 :09/03/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F-75007 Paris France (72)Name of Inventor: 1)BENOIT CHRISTOPHE 2)WENYI XU
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(57) Abstract:

A method for acting on an object by means of an interface with an information processing system, comprising a step of defining a logical representation of the object, a step of determining (by a user) and triggering a function of the object offered by the representation, and a step of communicating with the object for actually carrying out said function, which method is characterized in that the logical representation comprises at least one state graph in which the graphs states represent the states of the object, and the graphs transitions represent the objects functions, and in that the functions offered comprise the functions present on the outgoing transitions of the graphs current state.

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

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43)

(21) Application No.10062/CHENP/2012 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: COMPUTER MOUSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/0354 :20-2010-0004661 :03/05/2010 :Republic of Korea :PCT/KR2011/003314 :03/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)KIM Tae Hyung Address of Applicant:2-702 Sambo Apartment 34 Sebyeongro Yeonje-gu Busan 611-821 Republic of Korea Republic of Korea (72)Name of Inventor: 1)KIM Tae Hyung
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(57) Abstract:

A computer mouse includes a sliding member having a shape of a sliding rod to be used for a long period of time. The sliding rod is accommodated in a mouse body and the lower end of sliding rod protrudes from the bottom of the mouse body. In addition a screwdriver which is used for enabling the sliding rod to protrude from the bottom of the mouse body can be stored together with the computer mouse Reference

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

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: INFANT CAR SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20-2010-0004660 :03/05/2010 :Republic of Korea :PCT/KR2011/003316 :03/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)KIM Tae Hyung Address of Applicant: 2-702 Sambo Apartment 34 Sebyeong- ro Yeonje-gu Busan 611-821 Republic of Korea Republic of Korea (72)Name of Inventor: 1)KIM Tae Hyung
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10063/CHENP/2012 A

(57) Abstract:

An infant car seat to be strapped to a seat of a car the infant car seat including a main body to be strapped to a seat of a car; an infant carrier accommodated in the main body; and a fixing unit for fixing the infant carrier to the main body. When a child needs to be transported by a car infant carrier can be fixed to an infant car seat that is strapped to a seat of the car so that the infant car seat functions as a protection against various external shocks in case of a car accident. The infant car seat provides lightweight infant carrier for an infant who cannot hold their head up yet and the main body for a sitting a grown-up child thereon. Therefore it is lightweight and economical than purchasing an infant carrier and an infant car seat separately.

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

(21) Application No.10064/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: INFANT CAR SEAT

(51) International classification	:B60N2/26,B60N2/28	(71)Name of Applicant:
(31) Priority Document No	:20-2010-0004659	1)KIM Tae Hyung
(32) Priority Date	:03/05/2010	Address of Applicant :2-702 Sambo Apartment 34 Sebyeong-
(33) Name of priority country	:Republic of Korea	ro Yeonje-gu Busan 611-821 Republic of Korea
(86) International Application No	:PCT/KR2011/003317	(72)Name of Inventor:
Filing Date	:03/05/2011	1)KIM Tae Hyung
(87) International Publication No	: NA	
(61) Patent of Addition to Application	.NIA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An infant car seat having a bathtub which include a main body which is fixed to a seat of a car and includes a seat back portion for sitting a child thereon; the bathtub mounted on the seat back portion and includes a drain tube for draining water used for washing a child; a soil container for collecting the water drained via the drain tube; and a portable bidet device including a warm water supply unit for washing a child in the bathtub and a warm air supply unit to dry the child after being washed thus being very sanitary and convenient and after washing a child a car can be washed by using the portable bidet device and a car wash brush that is included thus being very useful.

No. of Pages: 20 No. of Claims: 14

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : IMPROVED PROCESS FOR ISOLATION AND PURIFICATION OF RAPAMYCIN FROM FERMENTATION BROTH

(51) International classification	:C12P17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO PHARMA LIMITED,
(33) Name of priority country	:NA	NATCO HOUSE ROAD NO. 2, BANJARA HILLS
(86) International Application No	:NA	HYDERABAD - 500 003 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BATTULA SUNEEL KUMAR
(61) Patent of Addition to Application Number	:NA	2)POLAVARAPU BABY RANI
Filing Date	:NA	3)ADIBHATLA KALI SATYA BHUJANGA RAO
(62) Divisional to Application Number	:NA	4)NANNAPANENI VENKAIAH CHOWDARY
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel process for the isolation of water insoluble macrolide antibiotic rapamycin from the fermentation broth through sequential steps of biomass separation, extraction with suitable solvents and concentration. The invention also relates to separating rapamycin from the concentrate containing a mixture of homologs, analogs or isomers thereof by using normal phase chromatography followed by purification.

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

(19) INDIA

(43) Publication Date: 09/05/2014

(21) Application No.311/CHE/2009 A

(22) Date of filing of Application :12/02/2009

(54) Title of the invention: ESTIMATING ABSOLUTE POWER LEVEL IN A MUROS SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	 (71)Name of Applicant: 1)Samsung India Software Operations Private Limited. Address of Applicant: Bagmane Lakeview Block 'B' No.
(33) Name of priority country		66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No Filing Date		Bangalore Tamil Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)Sarvesha Anegundi Ganapathi
(61) Patent of Addition to Application Number	:NA	2)Nanjunda Swamy Satish Jamadagni
Filing Date	:NA	3)Dr Jongsoo choi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The absolute value of power level of the MUROS user is received by the MUROS user from the BTS. The MUROS user also determines the mean value of the signal strength of it. The absolute value of power level of the other user paired with the MUROS user is estimated using the received absolute value of power level of the MUROS user and the determined mean value of signal strength. The estimated absolute value of power level of the other user and the absolute value of power level of the MUROS user are further used by the MUROS user to estimate its channel. Information about the estimated channel of the MUROS user is passed onto to the BTS by the MUROS user and the BTS uses this information to appropriately allocate power to the two users which are paired for MUROS.

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

(22) Date of filing of Application :25/11/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: PROCESS FOR THE PURIFICATION OF POLYAMINOCARBOXYLATES

	·C02F	(71)Name of Applicant:
(51) International classification	1/00	1)BIOPHORE INDIA PHARMACEUTICALS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :PLOT #193, PREMISES #5-35/50,
(32) Priority Date	:NA	PRASHANT NAGAR, KUKATPALLY, HYDERABAD - 500
(33) Name of priority country	:NA	072 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAGADEESH BABU RANGISETTY
(87) International Publication No	: NA	2)MANIK REDDY PULLAGURLA
(61) Patent of Addition to Application Number	:NA	3)RAJESH BHUDETI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to an improved process for the purification of polyaminocarboxylates such as DOTA, DTPA, D03A-butrol, BOPTA.

No. of Pages: 8 No. of Claims: 7

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : A METHOD OF RESETTING THE ORIENTATION OF AN AIRCRAFT UNDERCARRIAGE HAVING A STEERABLE BOTTOM PORTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :11 60268 :10/11/2011 :France :NA :NA : NA :NA	(71)Name of Applicant: 1)MESSIER-BUGATTI-DOWTY Address of Applicant: INOVEL PARC SUD, 78140 VELIZY VILLACOUBLAY France (72)Name of Inventor: 1)BENMOUSSA, MICHAEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a steering resetting method for an aircraft undercarriage that includes a leg in which a steerable bottom portion is mounted to slide against a suspension force generated by a shock absorber, the undercarriage being provided with a controllable steering member for causing the steerable bottom portion to swivel in response to an angular position setpoint, the undercarriage also including at least one angular position sensor adapted to generate an electrical signal representative of the angular position of the steerable bottom portion and suitable for use in controlling the steering member; the method comprises the step, performed when the steerable bottom portion is in an indexed angular position while the aircraft is in flight and the undercarriage is fully extended, of setting the electrical signal from the sensor to a determined reset value.

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

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: POWDER COATED CARRIER

		(71)Name of Applicant:
(51) International classification	:G03G	1)XEROX CPRPORATION
(31) Priority Document No	:13/295,067	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(32) Priority Date	:12/11/2011	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)DARYL W. VANBESIEN
Filing Date	:NA	2)MICHAEL S. HAWKINS
(87) International Publication No	: NA	3)COREY, L. TRACY
(61) Patent of Addition to Application Number	:NA	4)RICHARD P N. VEREGIN
Filing Date	:NA	5)KAREN A. MOFFAT
(62) Divisional to Application Number	:NA	6)PAUL J. GERROIR
Filing Date	:NA	7)THOMAS E. ENRIGHT
- -		8)VALERI9E M. FARRUGIA

(57) Abstract:

The instant disclosure describes methods for preparing latex resins for coated carriers using surfactant partitioning, which resins exhibit both lower potential and greater latex stability, while not adversely affecting particle size, toner charge or other metrics.

No. of Pages: 42 No. of Claims: 10

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: AIR INLET REGULATING DEVICE FOR FLUID DRIVEN TWO STROKE ENGINES

(51) International classification	:F02B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SSN COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :PROFESSOR & HEAD,
(33) Name of priority country	:NA	DEPARTMENT OF MECHANICAL ENGINEERING, SSN
(86) International Application No	:NA	COLLEGE OF ENGINEERING, SSN COLLEGE OF
Filing Date	:NA	ENGINEERING, RAJIV GANDHI SALAI, KALAVAKKAM -
(87) International Publication No	: NA	603 110 Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHASHANK S
(62) Divisional to Application Number	:NA	2)TARUN M
Filing Date	:NA	3)EBENEZER D

(57) Abstract:

This invention relates to the design and development of a device that can effectively control and inject air inlet in two stroke engines thereby enabling its conversion from conventional fluids to compressed air driven. The inlet mechanism is a cylindrical piece with a through bore, which replaces the spark plug of an existing two stroke engine. The cylinder has angular drills to allow entry of compressed air into the engine when the piston is at the top dead center. A plunger reciprocates inside the cylinder controlling the flow of compressed air. When the exhaust port opens, the plunger shuts off supply of compressed air to the engine and spent air exits the engine through the exhaust port after which the plunger again allows flow of compressed air into the engine. The plunger is controlled by a cam mechanism designed according to the port timing of the engine. A chain drive couples the crank shaft and the cam shaft which is supported over the engine through bearings.

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

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DATA TRANSMISSION DEVICE METHOD AND COMMUNICATION SYSTEM

(51) International classification	:H04W28/06	(71)Name of Applicant :
. ,	.HU4W28/U0	
(31) Priority Document No	:201010160890.4	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:30/04/2010	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P. R.
(86) International Application No	:PCT/CN2011/073572	China China
Filing Date	:29/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)ZHAO Yongxiang
(61) Patent of Addition to Application	.NI A	2)WANG Jingyu
Number	:NA	3)YONG Wenyuan
- 1,00000	:NA	·
Filing Date		4)GU Wei
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a data transmission device and method and a communication system. The data transmission device provided in the present invention is located on an IP metropolitan area network node or on an optical line terminal of a radio access network and includes: a first service bypass processing module configured to receive uplink packet service data sent by a user equipment determine according to a preset service distribution policy that the uplink packet service data needs distribution and directly send the uplink packet service data to a public data network PDN through a locally preset Gi interface; and/or a second service bypass processing module configured to directly receive through the Gi interface downlink packet service data sent by the PDN to the UE and send the downlink packet service data to the UE.

No. of Pages: 36 No. of Claims: 13

(21) Application No.10622/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PRODUCTION OF SOLAR CELL 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 	:102010030508.1 :25/06/2010	(71)Name of Applicant: 1)EVONIK R-HM GMBH Address of Applicant: Kirschenallee 64293 Darmstadt Germany (72)Name of Inventor: 1)BATTENHAUSEN Peter 2)BECKER Ernst 3)SCHULTES Klaus 4)STROHKARK Sven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to the use of a) at least one (poly)alkyl(meth)acrylate and b) at least one compound according to formula (I) wherein the radicals R and R independently represent an alkyl or cycloalkyl radical having 1 to 20 carbon atoms for producing solar cell modules in particular for producing light concentrators for solar cell modules.

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

(22) Date of filing of Application :25/11/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention : A SYSTEM FOR OPTIMAL COOLING BY THERMO ELECTRIC COOLING MODULE (TEC) AND AN ELECTRIC FAN THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	9/00 :NA :NA :NA	(71)Name of Applicant: 1)ANANDHAKRISHNAN VAIDYANATHAN Address of Applicant: 306, VISHAL NEST, AMRUTAHALLI, BANGALORE 560 092 Karnataka India (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)ANANDHAKRISHNAN VAIDYANATHAN
(87) 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 various embodiments of the present system disclose a system for an optimal cooling by a thermoelectric cooling module and an electric fan thereof. The system comprises a thermoelectric cooling module, an electric fan and a housing. The thermoelectric cooling module comprises a plurality of thermoelectric sub-modules, a hot side management module, a cold side management module and an integrated control module. The present invention provides an optimal cooling on the basis of an external weather condition. The present invention further provides an optimal cooling by implementing an efficient fluid circulation mechanism. The present invention also provides a dynamic management over the working of various modules of the said system. Claims 12, No. of drawing sheets 14 Preferred Drawing -

No. of Pages: 46 No. of Claims: 12

(21) Application No.4550/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: WIPER BLADE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60S :10-2011- 0114663 :04/11/2011 :Republic of Korea	(71)Name of Applicant: 1)KCW CORPORATION Address of Applicant: 400-86, GALSAN-DONG, DALSEO-GU, DAEGU Republic of Korea (72)Name of Inventor: 1)KIM, TAE KYEONG
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA : NA :NA :NA :NA :NA	2)KIM, KWAN HEE 3)AN, JAE HYUCK

(57) Abstract:

Disclosed is a wiper blade. According to the embodiment of the present invention, the wiper blade includes a wiper strip 600 which directly wipes a wiping surface; a lever assembly 500 which supports the wiper strip 600; and a cover 400 which receives the lever assembly 500, wherein the lever assembly 500 includes at least a pair of first levers 510 supporting the wiper strip 600, and a pair of second levers 520 hinge-coupled to the first levers 510 respectively and coupled to the cover 400.

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

(22) Date of filing of Application :07/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: AUTOMATICALLY ANSWERING INCOMING CALL BASED ON USER IDENTITY

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SYED MURTUZA
(32) Priority Date	:NA	Address of Applicant :H. NO. 9-20-254, MALAPALLY,
(33) Name of priority country	:NA	NEAR KHOJA COLONY, NIZAMABAD - 503 001 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SYED MURTUZA
(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 method for automatically answering an incoming call based on user identity. The method includes receiving an incoming call, recognizing voice data received from a user and determining a degree of similarity between the recognized voice data and a predefined voice data. Further, the method includes identifying the user based on the determined degree of similarity and automatically answering the incoming call based on the identity of the user.

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

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: ARTIFICIAL ASSISTANCE FOR RECOGNIZING PEOPLE OR PLACE

(51) International classification	:G09B21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAJI SESHADRI
(32) Priority Date	:NA	Address of Applicant :F/O MR. B SURVESH NO.5, G4,
(33) Name of priority country	:NA	RANI GANGA APARTMENTS, 1ST MAIN ROAD, RAM
(86) International Application No	:NA	NAGAR, NEAR GURUVAYURAPPAN TEMPLE,
Filing Date	:NA	NANGANALLUR, CHENNAI - 600 061 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)B SURVESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an artificial assistance system for visually impaired or memory loss user comprising compact device that include spectacles or goggles; camera; microprocessor and headphone with in-built microphone. The camera fitted on front portion of the compact device captures image of a place or a person or an object and is compared with images stored in database of the microprocessor. The microprocessor with volume controller is embedded in frame of the compact device. Information about the captured image is communicated by the headphone which is supported through the compact device to the user. During mismatch of images, the system permits the user to feed the mismatched image information by voice commands in the database. The system guides the user by receiving order of users destination through the in-built microphone.

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

(21) Application No.4651/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: MOVABLE ROAD TRAFFIC LANE DIVIDER

(51) International classification	:b60b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURE NAGA KISHORE
(32) Priority Date	:NA	Address of Applicant :F/O MS S CHARISHMA 10-2-
(33) Name of priority country	:NA	318/A/C/9, INDIRA NAGAR, NEAR VIJAYA NAGAR
(86) International Application No	:NA	COLONY, HYDERABAD - 500 057 Andhra Pradesh India
Filing Date	:NA	2)NEERAJ PAL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)S CHARISHMA
Filing Date	:NA	2)SIDDHARTHA PAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a mechanical device, particularly to a movable road traffic lane divider comprising of two or more blocks and one or more caster wheels. Each block comprises of first extending end with a protruding member at one end of the block and second extending end with a hole at other end of the block. The first extending end with a protruding member at one end of the block is provisioned to accommodate into the hole of the second extending end on the consecutive block. The blocks are connected consecutively to form an elongated road lane divider. The caster wheels are fitted at the bottom of each of the blocks to form movable road lane divider.

No. of Pages: 11 No. of Claims: 5

(21) Application No.4652/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: HELMET CUM LOAD CARRIER

(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)DAKSHINAMOORTHY GOWTHAMAN Address of Applicant: F/O MR G JEEVAN SIDDHARTH H- 28, MOUNT VIEW APARTMENTS, PHASE-III, SATHUVACHARI VELLORE - 632 009 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G JEEVAN SIDDHARTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a device for ensuring safety of head of the workers during overhead transportation in construction site or otherwise. Particularly, the present invention relates to a dual purpose device having helmet with arrangement to accommodate supporting structure to position load carrier, the device comprising an outer shell having one or more shock-absorbing pads positioned to its inner surface; supporting structure; load carrier; and cushion. The supporting structure is attached to the top of the outer shell of the helmet and is provided to position the load carrier to carry and accommodate heavy loads on the helmet. The load carrier is placed on top of the supporting structure and the cushion is attached to inner surface of the outer shell.

No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :14/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : SURFACE-TREATED METAL SHEET HAVING EXCELLENT CORROSION RESISTANCE AND CONDUCTIVITY

(51) International classification	:C08k	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE
()	252999	STEEL, LTD.)
(32) Priority Date	:18/11/2011	Address of Applicant :10-26, WAKINOHAMA-CHO 2-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAJITA, TOMIO
(87) International Publication No	: NA	2)KONISHI, TOMOHIDE
(61) Patent of Addition to Application Number	:NA	3)KAWAKAMI, AKIRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A surface-treated metal sheet includes a metal sheet, and a resin coating formed from an aqueous resin liquid on at least one side of the metal sheet, the aqueous resin liquid contains a nonvolatile resin component and silica particles, wherein the nonvolatile resin component includes a nonvolatile resin component (EC) of an aqueous dispersion of an ethylene-unsaturated carboxylic acid copolymer and a nonvolatile resin component (PU) of an aqueous liquid of a carboxyl group-contained polyurethane resin in a mass ratio of EC/PU=90/10 to 40/60, and the aqueous resin liquid further contains 5 to 20 parts by mass of a silane coupling agent and 1 to 14 parts by mass of alkoxysilane for 100 parts by mass in total of the nonvolatile resin component and the silica particles. The surface-treated metal sheet achieves further improvements in corrosion resistance, alkaline-degreasing resistance, conductivity, coating performance, abrasion resistance, and tape peeing resistance.

No. of Pages: 49 No. of Claims: 7

(22) Date of filing of Application: 27/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD AND DEVICE FOR OBTAINING CARRIER INFORMATION AND CARRIER INFORMATION INDICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/04 :201010220451.8 :28/06/2010 :China :PCT/CN2011/076374 :27/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)CHINA MOBILE COMMUNICATIONS CORPORATION Address of Applicant:29 Jinrong Ave. Xicheng District Beijing 100032 China China (72)Name of Inventor: 1)LI Nan 2)HU Zhenping 3)ZHANG Dawei 4)XU Jin
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(57) Abstract:

A method and device for obtaining carrier information and carrier information indication include: a user equipment obtains parameters of uplink carrier information according to the message sent by a network side in broadcast manner or the user equipment obtains parameters of uplink carrier information according to the preset information. Time Division Duplex wireless communication system with asymmetry uplink frequency band and downlink frequency band can be supported effectively guard frequency band near the intersection occurred when the adjacent frequencies coexist is utilized fully and frequency spectrum utilization rate is improved; further more Time Division Duplex wireless communication system with unequal uplink band width and downlink band width can be supported and the application of the Time Division Duplex system is expanded effectively.

No. of Pages: 42 No. of Claims: 26

(21) Application No.10005/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR COORDINATING SERVICE INFORMATION ACROSS MULTIPLE SERVER NODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F21/00,H04L29/06 :12/770,410 :29/04/2010 :U.S.A. :PCT/FI2011/050343 :18/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Yan Fu
•	:NA :NA	

(57) Abstract:

An approach is provided for coordinating service information (e.g., account registration identifiers) across multiple server nodes. A server receives a request to register an identifier for an account. The server determines whether it is a home site for the identifier and processes the request based, at least in part, on the determination.

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

(21) Application No.10006/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING HEPATITIS WITH ANTI-CD3 IMMUNE MOLECULE THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K16/28,A61P1/16 :61/329,554 :29/04/2010 :U.S.A. :PCT/IB2011/051900 :29/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)NASVAX LTD. Address of Applicant: 18 Einstein St. Science Park Kiryat Weizmann Ness-Ziona Israel 2)HADASIT MEDICAL RESEARCH SERVICE AND DEVELOPMENT CO. LTD. (72)Name of Inventor: 1)Yaron ILAN 2)Ronald ELLIS
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(57) Abstract:

A method or composition comprising an anti-CD3 immune molecule for treatment of hepatitis in a subject.

No. of Pages: 39 No. of Claims: 18

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND SYSTEM FOR REPLACING REPLACE PARAMETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/06 :201010165397.1 :30/04/2010 :China :PCT/CN2011/070405 :20/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)Yang GAO 2)Bin JIN 3)Xutao TU
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(57) Abstract:

A method and system for replacing a Replace parameter are disclosed in the present invention and applied to an IP Multimedia Subsystem (IMS). The method includes: an Application Server (AS) as a Routeing Back to Back User Agent (Routeing B2BUA) or an Initiating B2BUA receiving an initial request for a dialog modifying an Initial Filter Criteria (iFC) of a user of sending party of the initial request or modifying the iFC of a user of receiving party of the initial request or modifying the iFC of a service-related user of the receiving party. With the present invention it can be guaranteed that a new initial request is triggered to the AS which implements a correct replacement for a Replace header.

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: LIGHTING DEVICE ASSEMBLY OF SADDLE-RIDE-TYPE VEHICLE

(51) Intermedianal alexaidisetion	.F2177	(71)NJ
(51) International classification	:F21V	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HONDA MOTOR CO., LTD.
(31) Thomas Bocument 10	261856	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:30/11/2011	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HAYASHI, TOMONORI
Filing Date	:NA	2)KANEZUKA, MASASHI
(87) International Publication No	: NA	3)TAKANASHI, YOSHIHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[Problem] To provide the structure of a lighting device which allows a rider to easily make use of light emitted from a position light. [Means for Resolution] A position light 50 is mounted on a meter cover 50 which covers the periphery of a meter device 110, and is arranged in front of the meter device 110. A front surface 55f of the meter cover 55 substantially agree with the extending direction of a front surface 88f of the meter device 110, and a front surface of the position light 50 is positioned substantially coplanar with the front surface 55f of the meter cover 55. The lighting device 50 is arranged at a position where the lighting device 50 overlaps with a recessed portion 90 formed on a front portion of the meter device 110 in the vertical direction and in the longitudinal direction. A lighting device opening 865 which allows the position light 50 to face the outside is formed in the meter cover 55, and a shield wall 92 which is set larger than the lighting device opening 865 is provided between the position light 50 and the meter device 50.

No. of Pages: 50 No. of Claims: 7

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND SYSTEM FOR PERFORMING ONLINE INTERVENTION

(- 1)	90.60	
(51) International classification	:G06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. JADAV MANIRAO SAMPATH
(32) Priority Date	:NA	Address of Applicant :#302, 2ND FLOOR, SANTOJ
(33) Name of priority country	:NA	COTTAGE 107, SURVEYOR STREET, BASAVANGUDI,
(86) International Application No	:NA	BANGALORE - 560 004 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. JADAV MANIRAO SAMPATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for performing online intervention based on a life situation. The method includes receiving an input from a first user, the input including a situational parameter; retrieving a product based on the situational parameter; enabling selection of a product from the list of products; affixing a personalized message to the product; and transmitting the product to the second user. The system includes an electronic device, a communication interface, a memory and a processor to receive an input, to retrieve a product based on a situational parameter, to enabling selection of a product from the list of products, to affix a personalized message to the product and to transmit the product to the second user.

No. of Pages: 33 No. of Claims: 25

(22) Date of filing of Application :07/02/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND APPARATUS FOR MANAGING PRODUCT STORAGE DEVICES

(51) International classification	·G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LOGICA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Divyasree Technopolis 124-125
(33) Name of priority country	:NA	Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore
(86) International Application No	:NA	560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BINDRA Gurbrinder Singh
(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 apparatus for managing a product storage device. The system includes a product storage device, an on-board monitoring device connected to the product storage device, and an off-board processing device. The on-board monitoring device includes one or more monitoring modules to monitor one or more parameters associated with the product storage device. The one or more parameters include location, power outages, functioning characteristics of the product storage device, vibrations, type of the plurality of products, quantity of the plurality of products, and temperature of the product storage device. The off-board processing device determines whether the one or more parameters are within a desired range and communicates the one or more parameters to an entity when at least one of the one or more parameters is not within a desired range.

No. of Pages: 27 No. of Claims: 20

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR LOCATING TURN FAULTS IN AN ELECTRICAL MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01R31/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)BASU, WRICHIK
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)PATEL, DHAVAL CHANDUBHAI
Filing Date	:NA	

(57) Abstract:

A method for locating turn faults in the coil group of an electrical machine, for example an induction motor is disclosed. The method includes determining a plurality of symmetrical components and negative sequence impedance. Further, the method includes generating a look-up table based on the negative sequence impedance and a structure of a stator winding on the induction motor. The method further includes determining normalized cross-coupled impedance based on the determined symmetrical components and negative sequence impedance. Further, the method includes detecting a turn fault in the stator winding by comparing a magnitude of normalized cross-coupled impedance to a predefined threshold value. The method further includes locating the coil group of the stator winding having the turn fault, by correlating an angle of normalized cross-coupled impedance to a range angle of the coil group.

No. of Pages: 40 No. of Claims: 21

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DELIVERY SYSTEM FOR DIAGNOSTIC AND THERAPEUTIC AGENTS

(51) International classification	:A61K39/395	(71)Name of Applicant :
(31) Priority Document No	:61/297,676	1)GENENTECH INC.
(32) Priority Date	:22/01/2010	Address of Applicant :1 DNA Way South San Francisco
(33) Name of priority country	:U.S.A.	California 94080 U.S.A.
(86) International Application No	:PCT/US2011/022124	2)F. HOFFMANN LA ROCHE AG
Filing Date	:21/01/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/091304 A9	1)WATTS Ryan J.
(61) Patent of Addition to Application	:NA	2)YU Joy
Number	:NA	3)DENNIS Mark
Filing Date	.INA	4)FRESKGARD Per Ola
(62) Divisional to Application Number	:NA	5)TAM Stephen
Filing Date	:NA	

(57) Abstract:

The invention provides shuttle agents and methods of using the same to facilitate the translocation of therapeutic or diagnostic molecules into the CNS.

No. of Pages: 120 No. of Claims: 32

(22) Date of filing of Application :29/02/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: A GIGABIT PASSIVE OPTICAL NETWORK (GPON) RING ARCHITECTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA	(71)Name of Applicant: 1)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT) Address of Applicant :Phase 1 Hosur Road Electronic City Bangalore 560 100 Karnataka India. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Vipin Tyagi
(61) Patent of Addition to Application Number	:NA	2)Atul Kumar Gupta
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a gigabit passive optical network (GPON) ring architecture. The GPON ring architecture comprises one or more optical line terminal (OLT) with plurality of input/ output (I/O) ports, a plurality of optical network terminals (ONTs) in communication with one of the one or more OLTs through one of a first and second optical fiber link. Each of the ONT comprises a control unit to detect failure in one of the first optical fiber link and second optical fiber link, and switch from first fiber optical link to second or vice versa after detecting failure in one of the first and second optical fiber link. The first and second optical fiber links are configured as ring shaped communication channels connected to a corresponding one of a plurality of I/O port of the one or more OLTs.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :30/01/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : PROCESS FOR MODULATING MAN5 AND/OR AFUCOSYLATION CONTENT OF A GLYCOPROTEIN COMPOSITION

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dr. Reddy TM s Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :V. R. Srinivas Ph.D. Intellectual
(33) Name of priority country	:NA	Property Management Biologics development Center Dr.
(86) International Application No	:NA	Reddy™s Laboratories Limited Survey Nos. 47 Bachupalli
Filing Date	:NA	Qutubullapur RR District 500 090 AP India Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Guruvasuthevan Ramasamy Thuduppathy
Filing Date	:NA	2)Paranandi Ananta Madhava Ram
(62) Divisional to Application Number	:NA	3)Kaumil Bhavsar
Filing Date	:NA	4)Neha Garg

(57) Abstract:

The invention describes a method of production of glycoprotein composition with an increased percentage of Man5 and/or afucosylated glycans. Further the process describes the use of Manganese for increasing the percentage of Man5 and afucosylated glycans.

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

(21) Application No.4613/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: MONTELUKAST STRIP FORMULATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date :NAME OF THE PROPERTY OF	A Address of Applicant :PLOT NO. 118 IDA PHASE-III CHERLAPALLI R. R. DIST HYDERABAD-500051 AP INDIA Bihar India (72)Name of Inventor: 1)VENKATESH KATAKAM 2)KADAPA ADINARAYANA REDDY
<u> </u>	A

(57) Abstract:

An orally dissolving strip formulation of montelukast or pharmaceutical acceptable salts thereof comprising montelukast or pharmaceutically acceptable salts, water soluble polymeric component and at least one pharmaceutically acceptable excipient

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

(22) Date of filing of Application :05/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: PRODUCTION OF PARAFFIN FUELS USING RENEWABLE MATERIALS BY A CONTINUOUS HYDROTREATMENT COMPRISING A PRE-TREATMENT STEP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C10G :11/03.411 :08/11/2011 :France :NA :NA	92852 RUEIL-MALMAISON CEDEX France (72)Name of Inventor: 1)DUPASSIEUX, NATHALIE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)CHAPUS, THIERRY
Filing Date	:NA	

(57) Abstract:

The invention relates to a process for hydrotreatment of a feed from renewable sources such as vegetable oils for the production of paraffinic hydrocarbons comprising a pretreatment step by crystallisation and/or precipitation allowing the elimination of insoluble inorganic impurities under hydrotreatment conditions. The flow of the total feed is divided up into a certain number of different, part flows equal to the number of catalytic zones in the reactor, and the different part flows are injected in the successive catalytic zones in increasing proportions to produce an effluent containing paraffinic hydrocarbons. The effluent is subjected to a separation step allowing separation of a gas fraction and a liquid fraction containing paraffinic hydrocarbons. At least a portion of said liquid fraction is recycled either to the pretreatment step or to at least one catalytic zone such that the weight ratio between this recycle and the part flow introduced into the first catalytic zone is greater than or equal to 10.

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

(22) Date of filing of Application :05/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : A SYSTEM FOR MEASURING PHYSICAL QUANTITITES, A POWER SUPPLY DEVICE AND A CONFIGURATION METHOD, ASSOCIATED WITH SUCH A MEASUREMENT SYSTEM

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of Inventor: (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (74) Name of Invent	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA : NA :NA :NA	RUEIL MALMAISON France (72)Name of Inventor: 1)CONTINI, ERICK 2)HOUBRE, PASCAL 3)WATERLOT, FREDERIC 4)MOREUX, ALAIN
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(57) Abstract:

A system for measuring physical quantities, a power supply device and configuration method associated with such a measurement system A measurement system (1) comprising a processing block (2) and a set of devices (3, 4, 5) for measuring physical quantities, The processing block being a dapted for collecting measurements of physical quantities, conducted by said set and includes first means for receiving an electric power supply for the processing block generated by means of a physical quantity measured by the set of device(s) and further second means for receiving an electric power supply for the processing block, distinct from the first means and including a housing (17) for receiving an electric power supply device adapted for providing an electric power supply signal, the processing block being adapted for, following reception of an electric power supply device in said housing, performing an operation for configuring the system while being powered by the second means for receiving an electric power supply.

No. of Pages: 20 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.8288/CHENP/2012 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: FUEL INJECTION 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 	:F02M47/00 :2010080838 :31/03/2010 :Japan :PCT/JP2011/001970 :31/03/2011 :WO 2011/122051 :NA :NA :NA	(71)Name of Applicant: 1)DENSO CORPORATION Address of Applicant: 1 1 Showa cho Kariya city Aichi 4488661 Japan (72)Name of Inventor: 1)YAMADA Masato 2)KOBANE Yoichi 3)ADACHI Naofumi 4)YAMASHITA Tukasa
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(57) Abstract:

A fuel injection device (100) is provided with a control body (40) in which a nozzle hole (44) is formed a nozzle needle (60) which opens and closes the nozzle hole (44) a pressure control chamber (53) which controls the movement of the nozzle needle (60) an inlet passage (52) which introduces high pressure fuel into the pressure control chamber (53) an outlet passage (54) which causes fuel within the pressure control chamber (53) to flow out thereof and a floating plate (70) which opens and closes the inlet passage (52). In the fuel injection device (100) the control body (40) has a cylinder (56) for defining the pressure control chamber (53) in the radial direction. The inner wall section (56a) of the cylinder (56) has formed therein a communication groove (57a) for connecting an inlet space (53a) in the pressure control chamber (53) the inlet space (53a) being located on the side of the floating plate (70) which faces the inlet passage (52) and a back pressure space (53b) in the pressure control chamber (53) the back pressure space (53b) being located on the side of the floating plate (70) which faces the nozzle needle (60).

No. of Pages: 59 No. of Claims: 17

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : MULTI-DIMENSIONAL MODEL FOR EVALUATING THE EFFECTIVENESS OF KNOWLEDGE SHARING

(-1)	G0 (774 7 10 0	
(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)D. VENKATA SUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant :VELAN SECOND STREET,
(33) Name of priority country	:NA	NESAPAKKAM, KK NAGAR WEST, CHENNAI - 600 078
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D. VENKATA SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Every company uses knowledge management system or repositories and portals but only some of them were able to determine their effectiveness, only partially. Considering the subjective and intangible nature of knowledge, it is important to map the Knowledge Management System or Process through quality models. Considering the complexity and multi-dimensional nature of Knowledge Management System or Process, it is more appropriate to construct the Multi-dimensional Model for evaluating any KM system or Process. For any evaluation experiment, evaluator can decide primary and secondary quality factors based on the purpose of the evaluation and as per the nature of the organization. Since the invention is multi-dimensional, it allows greater flexibility for applying mathematical calculation or segment wise ranking and rating of any KM system or Process. There exists a need of identifying effectiveness of any knowledge management system through scores. The invented multi-dimensional evaluation model can be chosen to classify the dimensions and perform evaluation in order to get the total effectiveness score by summing up all the relevant dimensional scores. Thus multi-dimensional model is invented to help the organizations and their evaluators to effectively calculate the knowledge transfer process efficiency and usefulness of the knowledge management systems and/or portals.

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

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HYBRID METHOD FOR EVALUATING EFFECTIVENESS OF KNOWLEDGE MANAGEMENT

(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)D. VENKATA SUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant :24, VELAN SECOND STREET,
(33) Name of priority country	:NA	NESAPAKKAM, KK NAGAR WEST, CHENNAI - 600 078
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D. VENKATA SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Every company uses knowledge management systems or repositories and portals, but only some of them are able to determine their effectiveness, hence it is important to realize the gaps with the evaluation of these and arrive at proper improvements. The Goal Question Metric (GQM) approach is an established and elaborated method for measurement in software engineering and doesnt require any investment in tools or software. The balanced score card method will be helpful to evaluate the subjective and/or qualitative measures which cant be directly measured through the GQM approach. When dealing with Knowledge, Knowledge Sharing & Knowledge Management, one should always consider many measures those cant be in numbers or direct values and they are mostly subjective and can be effectively obtained through collective questions. This invention adopts GQM along with balanced score card method to measure the effectiveness of any Knowledge Management Systems.

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

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND DEVICE FOR PERFORMING HIERARCHY FEEDBACK WITH SPACE INFORMATION ASSISTED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04L1/06 :NA :NA :NA :PCT/CN2010/000442 :06/04/2010 :WO 2011/123972 :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:54 rue La Botie F 75008 Paris France (72)Name of Inventor: 1)LV Di 2)YANG Hongwei
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for performing hierarchy feedback with space information assisted in a mobile communication system is provided. At the user terminal the method comprises: measuring a space correlated matrix of multiple transmitting antennae of a base station converting the hierarchy code book in the mode of hierarchy feedback by using the space correlated matrix selecting the code word from the converted hierarchy code book and feedbacking the pre coding matrix index corresponding to the index of the selected code word and the space correlated matrix from the user terminal to the base station by using the mode of hierarchy feedback.

No. of Pages: 16 No. of Claims: 13

(22) Date of filing of Application :09/10/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: SUBSTRATE FOR PHOTOELECTRIC CONVERSION DEVICE PHOTOELECTRIC CONVERSION DEVICE USING SAME METHOD FOR PRODUCING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L31/04 :2010057697 :15/03/2010 :Japan :PCT/JP2010/055931 :31/03/2010 :WO 2011/114541 :NA :NA :NA	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan (72)Name of Inventor: 1)NASUNO Yoshiyuki 2)NISHIMURA Kazuhito 3)TANIMURA Hiroki 4)KAJIHARA Kei
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(57) Abstract:

Disclosed is a photoelectric conversion device (1) which comprises a substrate (2) and a transparent conductive film (3) that covers at least a part of the main surface of the substrate (2) and has a recessed and projected pattern in the surface that is on the closer side to a semiconductor layer. The photoelectric conversion device (1) also comprises a semiconductor layer (5) of a first conductivity type which covers at least a part of the recessed and projected pattern of the transparent conductive film (3) and a light absorbing layer (6) that covers the semiconductor layer (5) of a first conductivity type. The recessed and projected pattern has a projected portion (10) that has a maximum height of 50 1200 nm (inclusive). The projected portion (10) has a fine recessed portion (11) in the surface and the distance between local crests (15A 15B) of the fine recessed portion (11) is 2 25 nm (inclusive). It is preferable for the semiconductor layer (5) of a first conductivity type that the thickness thereof in a portion formed on the bottom (26) of the fine recessed portion (11) is larger than the thicknesses thereof in portions other than the portion formed on the bottom (26). It is also preferable that the maximum depth (B) of the interface between the semiconductor layer (5) of a first conductivity type and the light absorbing layer (6) is smaller than the maximum depth (D) of the fine recessed portion.

No. of Pages: 65 No. of Claims: 22

(21) Application No.10544/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/12/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: NOVEL COPOLYMER

(51) International :C08F297/02,B01F17/16,B01F17/18 classification

(31) Priority Document No :2010-148859 (32) Priority Date :30/06/2010

(33) Name of priority country: Japan

(86) International :PCT/JP2011/003672 Application No

:28/06/2011 Filing Date

(87) International Publication :WO 2012/001945 A1 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)Nippon Soda Co. Ltd.

Address of Applicant: 2 1 Ohtemachi 2 chome Chiyoda ku

Tokyo 1008165 Japan (72)Name of Inventor: 1)NIITANI Takeshi 2)MISHIMA Gou 3)TATEISHI Yuichi

4)OKADO Toshiaki 5)NARUSE Hidenori 6)KAJITA Tooru

(57) Abstract:

Provided is a novel copolymer that is useful as a pigment dispersant. The novel copolymer comprises block chains (A) containing at least one kind of repeating unit selected from a group consisting of repeating units with tertiary amino groups and repeating units with quaternary ammonium bases and block chains (B) containing repeating units with acidic groups and repeating units represented by Formula (I) (in the formula R represents a hydrogen atom or C1 to C3 alkyl group and R represents an aliphatic hydrocarbon group or alicyclic hydrocarbon group). The proportion copolymerized of the repeating units represented by Formula (I) is 90 mass% or more in the block chains (B).

No. of Pages: 42 No. of Claims: 3

(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: ASSEMBLING STRUCTURE FOR A FILTARATION SET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B01D46/00 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)RITE2WATER CO., LTD. Address of Applicant: NO. 193. SEC. 1, ZHONGQING RD. DAYA DSIT, TAICHAUNG CITY 428 Taiwan (72)Name of Inventor: 1)CHUNG-YEN TSENG
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An assembling structure for a filtration set includes a filter set 1 having a plurality of filter cases 2, the filter cases 2 assembled together, an assembling portion 21 extruded on an outer surface of each filter case 2, the assembling portion 21 extending from a top to a bottom of each filter case 2, at least one assembling plate 22 having two ends which are respectively extruded from each side of the assembling portion 21 and the outer surface of the corresponding filter case 2, the assembling plate 22 having a positioning block 23 at a periphery thereof, a plurality of bolts 24 used to be inserted through the positioning block 23 of each filter case 2. Wherein, a user can assemble the filter cases 2 together via the positioning block 23 and the bolt 24.

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :20/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHODS AND APPARATUS TO PROVIDE NETWORK CAPABILITIES FOR CONNECTING TO AN ACCESS NETWORK

(51) International classification :H04W48/14,H04W16/14 (71)Name of Applicant : (31) Priority Document No :12/779.820 (32) Priority Date :13/05/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/034999 Filing Date :03/05/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA

:NA

1)Research In Motion Limited Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada

(72)Name of Inventor: 1)MCCANN Stephen

2)MONTEMURRO Michael

3)STEER David

4)KENNEDY Richard Howard 5)DWYER Johanna Lisa

(57) Abstract:

Filing Date

Filing Date

Example methods and apparatus to provide network capabilities for connecting to an access network are disclosed. A disclosed example method involves receiving a request at a first access network of a first network type. The request is addressed to a database and requests network connectivity information for connecting a wireless terminal to a second access network of a second network type different from the first network type. The example method also involves sending a response to the wireless terminal via the first access network. The response includes the network connectivity information for connecting the wireless terminal to the second access network.

No. of Pages: 52 No. of Claims: 24

(62) Divisional to Application Number :NA

(22) Date of filing of Application :20/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHODS AND APPARATUS TO DISCOVER NETWORK CAPABILITIES FOR CONNECTING TO AN ACCESS NETWORK

(51) International classification :H04W48/14,H04W48/16 (71)Name of Applicant : (31) Priority Document No 1)Research In Motion Limited :12/779.809 (32) Priority Date Address of Applicant :295 Phillip Street Waterloo Ontario :13/05/2010 (33) Name of priority country N2L 3W8 Canada :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2011/034992 Filing Date :03/05/2011 1)MCCANN Stephen 2)MONTEMURRO Michael Peter (87) International Publication No : NA (61) Patent of Addition to Application 3)STEER David :NA Number 4)KENNEDY Richard Howard :NA Filing Date 5)HOLE David Philip (62) Divisional to Application Number :NA 6)DWYER Johanna Lisa Filing Date :NA

(57) Abstract:

Example methods and apparatus to discover network capabilities for connecting to an access network are disclosed. A disclosed example method involves sending a request to a first access network of a first network type. The request is addressed to a database and requests network connectivity information for connecting to a second access network of a second network type different from the first network type. The example method also involves receiving a response from the first access network. The response includes the network connectivity information for connecting to the second access network.

No. of Pages: 48 No. of Claims: 36

(22) Date of filing of Application :20/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRANSLATION OF INPUT/OUTPUT ADDRESSES TO MEMORY ADDRESSES

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:12/821,170	1)INTERNATIONAL BUSINESS MACHINES
(32) Priority Date	:23/06/2010	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :New Orchard Road Armonk New
(86) International Application No	:PCT/EP2010/067043	York 10504 United States of America
Filing Date	:08/11/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)DAVID CRADDOCK
(61) Patent of Addition to Application	:NA	2)THOMAS GREGG
Number		3)DAN GREINER
Filing Date	:NA	4)ERIC NORMAN LAIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An address provided in a request issued by an adapter is converted to an address directly usable in accessing system memory. The address includes a plurality of bits in which the plurality of bits includes a first portion of bits and a second portion of bits. The second portion of bits is used to index into one or more levels of address translation tables to perform the conversion while the first portion of bits are ignored for the conversion. The first portion of bits are used to validate the address.

No. of Pages: 73 No. of Claims: 21

(21) Application No.3533/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: MAGNETIC PROPELLED GRAVITY BASED ROTOR

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)S. DEEPAK KRISHNAN Address of Applicant: FLAT NO:6, DOOR NO:5, V.K.
(33) Name of priority country(86) International Application No	:NA :NA	FLATS, SUNDARAM COLONY FIRST STREET, TAMBARAM SANATORIUM, CHENNAI - 600 047 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor : 1)S. DEEPAK KRISHNAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)S. DEEPAR ARISHNAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

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

^{1.} A machine, being a Magnetic Propelled Gravity Based Rotor, which consists of a gravity Rotor mounted on a frame and a magnetic shell, which is also fixed to the same frame, where the gravity rotor is enclosed in the magnetic shell, which furthers the propulsion of the gravity arms of the gravity rotor, so as to give a rotational output.

(22) Date of filing of Application :09/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: COMPRESSION APPARATUS

(51) International classification	:h01s	(71)Name of Applicant :
(31) Priority Document No	:2011- 251440	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:17/11/2011	Address of Applicant :10-26, WAKINOHAMA-CHO, 2-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAZUYA HIRATA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a compression apparatus for cooling multiple devices using a single fan with a small amount of electric power. An upper limit temperature, a first gain applied in a case in which a suction adjustment valve is opened, and a second gain applied in a case in which the suction adjustment valve is closed are set in advance for each of multiple temperature detectors provided at different locations of the compression apparatus; and, for each of the multiple temperature detectors, a difference between a detected value and the upper limit temperature is calculated, and a rotation speed of the fan is determined based on the smallest value in the differences, and the first gain or the second gain set for the temperature detector having the smallest difference.

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

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: STORE/STORE BLOCK INSTRUCTIONS FOR COMMUNICATING WITH ADAPT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F9/312,G06F13/38 :12/821,194 :23/06/2010 :U.S.A. :PCT/EP2010/067028 :08/11/2010 : NA :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant :New Orchard Road Armonk New York 10504 United States of America. (72)Name of Inventor: 1)DAN GREINER 2)DAVID CRADDOCK 3)THOMAS GREGG 4)MARK FARRELL
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(57) Abstract:

Communication with adapters of a computing environment is facilitated. Instructions are provided that explicitly target the adapters. Information provided in an instruction is used to steer the instruction to an appropriate location within the adapter.

No. of Pages: 71 No. of Claims: 15

(21) Application No.9826/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: INFORMATION PROCESSING DEVICE INFORMATION PROCESSING SYSTEM AND **PROGRAM**

(51) International :H04M1/00,G06F3/048,H04M1/247 classification

(31) Priority Document No :2010-123316 :28/05/2010

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

(86) International Application :PCT/JP2011/058772

No :07/04/2011 Filing Date

(87) International Publication : NA

(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)SONY CORPORATION

Address of Applicant: 1-7-1 Konan Minato-ku Tokyo 108-

0075 Japan

(72)Name of Inventor: 1)ARAMU MINE 2)TOYOHIDE ISSHI 3)NAOKI MATSUBARA

(57) Abstract:

Provided is an information processing apparatus including a transmission processing unit (106) that performs near-field one-to-one communication with a communication counterpart device, a reception processing unit (108), a reception signal intensity detection section (11.4) that acquires communication a communication situation with the communication counterpart device, a display processing unit (118) that performs a display process for performing guidance in a direction in which the communication situation is favorable based on the acquired communication situation, and a display unit (302) that performs display for the guidance.

No. of Pages: 86 No. of Claims: 6

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CONCRETE STIRRING EQUIPMENT AND WATER MEASURING DEVICE THEREOF

(51) International classification	:B28C7/12	(71)Name of Applicant :
(31) Priority Document No	:201010601905.6	1)HUNAN SANY INTELLIGENT CONTROL
(32) Priority Date	:22/12/2010	EQUIPMENT CO. LTD
(33) Name of priority country	:China	Address of Applicant :Sany Industry Town Economic and
(86) International Application No	:PCT/CN2011/075616	Technological Development Zone Changsha Hunan 410100 P.R.
Filing Date	:10/06/2011	China China
(87) International Publication No	: NA	2)SANY HEAVY INDUSTRY CO. LTD
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)NI Xiaoqing
Filing Date	.IVA	2)JIANG Zhihui
(62) Divisional to Application Number	:NA	3)ZHANG Jiaping
Filing Date	:NA	

(57) Abstract:

Disclosed are a concrete stirring equipment and a water measuring device thereof. The water measuring device comprises a water tank (1) with an inlet (4) and an outlet (5) and a weighing sensor (3). A water regulating opening (6) is arranged on the lower end of the water tank (1) and connected with a drain pipe (7) with a valve (8). The water measuring device provides a precise water-supply to the concrete stirring equipment and concrete with high quality is produced.

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

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DESIGN FOR ACHIEVING LOW LOSS IN INTERSECTING REGION OF OPTICAL WAVEGUIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/122 :2010-149255 :30/06/2010 :Japan :PCT/JP2011/064279 :22/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New York 10504 United States of America (72)Name of Inventor: 1)YOICHI TAIRA 2)SAYURI KOHARA 3)JEAN HEROUX
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(57) Abstract:

The amount of optical loss is reduced at six planes of a core intersection space formed by a plurality of intersecting cores in optical waveguides. The structure of a core intersection in an optical waveguide formed of a plurality of cores and a clad that surrounds the cores the structure characterized in that the same material as that of the cores is added to two planes upper and lower planes of each of core intersection spaces where the plurality of cores intersect. The structure of a core intersection in an optical waveguide formed of a plurality of cores and a clad the structure characterized in that four planes that divide each of core intersection spaces where the plurality of cores intersect that is four discontinuity spaces between the core intersection space and the cores connected thereto are filled with the same material as that of the clad.

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

(21) Application No.4670/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: WIND POWER GENERATION SYSTEM

(57) Abstract:

A wind power generation system is provided with a venturi tunnel being diverging at its outer ends and converging at its center. The venturi tunnel is constructed such that the tunnel accelerates the wind passing through it and increases the wind velocity at its converging center. A turbine unit having a rotating shaft is provided at the center of the venturi tunnel. Curved blades are provided on the periphery of the rotating shaft, such that actuation of blades in the turbine rotates the shaft. The turbine unit is placed at the centre of the venturi tunnel such that the accelerated wind passing through the venturi tunnel actuates the blades of the turbine and rotates the turbine shaft. Deflectors are arranged with the venturi unit such that the accelerated winds passing through the venturi tunnel are directed to positively act on the blades of the turbine. The venturi tunnel along with the turbine unit is arranged to revolve in a circular channel with respect to the direction of the wind.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: VEHICULAR BEZEL MOUNTING STRUCTURE

(51) International classification	:B60R19/48	(71)Name of Applicant:
(31) Priority Document No	:2010-131285	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:08/06/2010	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:PCT/JP2011/059578	(72)Name of Inventor:
Filing Date	:19/04/2011	1)Nobuhiko HARA
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a vehicular bezel mounting structure in which an annular bezel 114 is mounted to a hole 106 formed in a vehicle body, the edge of the hole includes: an arcuate part 108 provided along a base circle; a concave part 110 cut off to the outside in the radial direction with respect to the base circle; and a projecting part 112a formed with a projecting piece 112 projecting to the inside in the radial direction within the range of the concave part, the bezel 114 comprising: a body part 114b inserted into the hole; an annular flange part which covers the edge of the hole from the outside; and a plurality of claw parts (116, 112) which are projectingly provided on the outer peripheral surface of the body part, wherein one claw part 116 of the plurality of claw parts can hold the projecting piece 112 of the hole between the one claw part 116 and the back surface of the flange part 114a; and when the bezel 114 is mounted to the hole 106, the projecting piece 112 can be elastically deformed by being pushed by the tip end of the flange part 114 adjacent to the one claw part 116.

No. of Pages: 23 No. of Claims: 3

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : RATE ADAPTATION METHOD FOR DISTRIBUTION OF MULTIMEDIA CONTENT OVER 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 	:H04L12/56 :12/780,120 :14/05/2010 :U.S.A. :PCT/US2011/035233 :04/05/2011 : 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 United States of America. (72)Name of Inventor: 1)MALIK Rahul 2)AGRAWAL Meghna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Performing transmission of data over network using at least a first and second rate adaptation algorithm. The transmission of data may use a plurality of buffers. It may be determined that a number of available buffers of the plurality of buffers is below a first threshold. Accordingly data may be transmitted according to the second rate adaptation algorithm which provides increased flowrate. During the transmission of the data it may be determined that the number of available buffers of the plurality of buffers exceeds a second threshold. Accordingly data may be transmitted according to the first rate adaptation algorithm that provides increased throughput.

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

(21) Application No.9842/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRAINING APPARATUS ARRANGEMENT AND METHOD

(51) International classification :A63B21/005,A61B5/11,G01L1/00

(31) Priority Document No :10168003.1 (32) Priority Date :30/06/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/060663

No

Filing Date :24/06/2011

(87) International Publication No : NA

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

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant:

1)eGym GmbH

Address of Applicant :F¹/₄rstenstrasse 15 80333 M¹/₄nchen

Germany

(72)Name of Inventor: 1)SAUTER Florian

(57) Abstract:

The present invention relates to a training apparatus comprising a training element for a user performing exercises an AC motor and a frequency converter being arranged to control AC motor. The frequency converter comprises measuring means being arranged to measure voltage and current of AC motor and calculation means being arranged to calculate magnetic state of the AC using the measured voltage the measured current a reference torque and a reference flux in order to generate torque of the AC motor. The training apparatus further comprises a control unit having a machine control module being arranged to calculate reference flux and reference torque using an intended overall torque wherein the machine control module is connected to the frequency converter and arranged to transmit reference flux and reference torque to the frequency converter. Further the present invention comprises training arrangement comprising training apparatus and method for operating the training arrangement.

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR RENDERING USER INTERFACE FOR LOCATION-BASED SERVICE HAVING MAIN VIEW PORTION AND PREVIEW PORTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/780,911 :16/05/2010 :U.S.A. :PCT/FI2011/050123 :10/02/2011 : NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Tuomas Vaittinen 2)Brenda Castro 3)Tuula Karkkainen 4)Ari-Heikki Sarjanoja
	:NA :NA :NA	4/111-Heikki Sarjanoja

(57) Abstract:

A method including causing at least in part rendering of a user interface for a location-based service that simultaneously includes both a main view portion (505) and a preview portion (507). One of the main view portion (505) and the preview portion (507) is caused at least in part to display a perspective view of one or more objects in a field of view and the other of the main view portion (505) and the preview portion (507) is caused at least in part to display a plan view of at least a portion of the one or more objects in the field of view.

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

(22) Date of filing of Application :29/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: CRYSTALLISATION FACILITATORS FOR THE SYNTHESIS OF METAL ORGANIC **FRAMEWORKS**

(51) International classification (31) Priority Document No :2010901848 (32) Priority Date :30/04/2010 (33) Name of priority country :Australia

(86) International Application No :PCT/AU2010/001056 Filing Date :19/08/2010

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

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

:C07F19/00,C08G83/00 (71)Name of Applicant :

1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

Address of Applicant :Limestone Avenue Campbell

Australian Capital Territory 2612 Australia (72)Name of Inventor:

(21) Application No.10036/CHENP/2012 A

1)Dario BUSO

2)Paolo FALCARO

(57) Abstract:

(19) INDIA

A crystallisation facilitator for promoting crystal growth of a metal-organic framework the crystallisation facilitator comprising at least one of: a metal or ionic form of that metal or a compound including a metal which is selected from the group consisting of Group 1 through 16 metals of the IUPAC Periodic Table of the Elements including actinides and lanthanides and combinations thereof. A method of synthesising a metal-organic framework using the crystallisation facilitator is also described.

No. of Pages: 73 No. of Claims: 39

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: VEHICULAR AC GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Japan :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant: 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 Japan (72)Name of Inventor: 1)TANAKA, KAZUNORI 2)OONISHI, TOSHIYUKI 3)HIGASHINO, KYOKO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Adverse effects of a large assembling step comparable to tolerance of stacking members among constituent parts are prevented. At least two components and, among a voltage regulator, a brush holder and a rectifier, that are fastened with each other are provided with both component-fixing portions and and fastening-together portions and for fastening the components together with each other, and an assembling step absorbing portion is provided at least at the fastening-together portion that is not close to the component-fixing portions of the respective components.

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

(21) Application No.8378/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DEVELOPER FOR PROCESSING LITHOGRAPHIC PRINTING PLATE PRECURSOR, METHOD FOR MANUFACTURING LITHOGRAPHIC PRINTING PLATE BY USING THE DEVELOPER, AND PRINTING MEHTOD

(51) International classification :G03F7/32,G03F7/00,G03F7/004 (71)Name of Applicant: (31) Priority Document No 1)FUJIFILM Corporation :2010084414 (32) Priority Date :31/03/2010 Address of Applicant: 26 30 Nishiazabu 2 chome Minato ku (33) Name of priority country Tokyo 1060031 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/058357 1)SATO Takashi :31/03/2011 Filing Date (87) International Publication No:WO 2011/125913 (61) Patent of Addition to ·NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

Provided is a developer for processing planographic printing plate precursors which is characterized by having a non reducing saccharide with two or more monosaccharides combined together and a pH equal to or greater than 6 and equal to or less than 14. The developer has a pH that is stable with time and enhanced film formability. The developer enables a method for preparing planographic printing plates to prepare a planographic printing plate even in one step of simplified processing with one fluid without a step of washing in water the planographic printing plate being improved in developability and the property of scattering development residues to prevent a non image portion from becoming dirty. Also provided is the developer that is used for the method. Further provided is a method for printing by employing the method for preparing planographic printing plates.

No. of Pages: 138 No. of Claims: 19

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : A METHOD PROVIDING FOR A LOW RELEASE OF H2S DURING THE PREPARATION OF SULFUR-EXTENDED ASPHALT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/349,007 :27/05/2010 :U.S.A.	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant: Carel van Bylandtlaan 30 NL-2596 The Hague (NL) Netherlands (72)Name of Inventor: 1)CHUGHTAI Majid Jamshed 2)DAVIES Helen Jayne 3)MAY Richard Walter 4)STRICKLAND David
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(57) Abstract:

A method of making a sulfur-extended asphalt mixture with a minimum of hydrogen sulfide gas release into the atmosphere by using sulfur granules with specific physical properties and which are made by successively coating a starting sulfur seed particle with liquid sulfur that is solidified between coatings to thereby build up the a sulfur particle of a desired size. The sulfur granules are used to in the preparation of a sulfur bitumen and aggregate mixture to provide the sulfur-extended asphalt.

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

(21) Application No.4908/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

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

(51) I. () 1. 1. () ()	G01D7/00	(71) N
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HONDA MOTOR CO., LTD.
(-)	261857	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:30/11/2011	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SENOKUCHI, YUTA
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:

[Problem] To provide the removal prevention structure for preventing the removal of a fastening member (fixing bolt) with which a sensor support block on which a speed sensor is mounted is fixed to a frame cover member of a meter device. [Means for Resolution] A meter device for a vehicle includes a rotor 8 5 which has a magnet 98 and is synchronously rotatable with the rotation of a wheel WF, and a speed sensor 86 which is arranged in a magnetic circuit of the magnet 98 and detects the rotation of the rotor 85 based on a change of a magnetic field of the magnetic circuit. The speed sensor 86 is mounted on a sensor substrate 87, and the sensor substrate 8 7 is fixed to a rotor support frame 76 by fastening bolts 92, 93. A frame cover member 5 9 covers the periphery of the rotor support frame 76 and houses the rotor 85, the speed sensor 86, the sensor substrate 87 and the sensor support block 88 therein. A frame cover member 59 is provided with ribs 83, 84 as wall portions 13 0 which prevent the removal of the fastening bolts 92, 93 in a state where the sensor substrate 87 and the sensor support block 88 are housed in the frame cover member 59.

No. of Pages: 50 No. of Claims: 8

(22) Date of filing of Application :23/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD AND DEVICE FOR DISPATCHING SHORT MESSAGE IN CODE DIVISION MULTIPLE ACCESS SINGLE-MODE DUAL-STANDBY TERMINAL

(51) International classification	:H04W88/02	(71)Name of Applicant:
(31) Priority Document No	:201010230922.3	1)ZTE CORPORATION
(32) Priority Date	:15/07/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2010/079743	China
Filing Date	:14/12/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)Xianju ZHENG
(61) Patent of Addition to Application	:NA	2)Zitao XUE
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

A method for dispatching short messages in a Code Division Multiplex Access (CDMA) single-mode dual-standby terminal is disclosed in the present disclosure. The method comprises the following steps: the CDMA single-mode dual-standby terminal processes the short message service of an activated user and defers a processing on the received voice calling service and/or data service required by the activated user when processing the short message service and then defers a processing on the received short message service voice calling service and data service required by an inactivated user. An apparatus for dispatching short messages in a Code Division Multiplex Access (CDMA) single-mode dual-standby terminal is also disclosed. The method and apparatus of the present disclosure realize a reasonable short message service management and dispatching for a CDMA single-mode dual-standby terminal.

No. of Pages: 30 No. of Claims: 16

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING DEVICE IDENTIFIERS (STID) IN A WIRELESS ACCESS SYSTEM

(51) International classification	·H04B7/26 H04W8/26	(71)Name of Applicant :
(31) Priority Document No	:61/329,534	1)LG ELECTRONICS INC.
(32) Priority Date	:29/04/2010	Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu
(32) Name of priority country	:U.S.A.	Seoul 150-721 Republic of Korea
1 3		*
(86) International Application No		(72)Name of Inventor:
Filing Date	:29/04/2011	1)KIM Jeongki
(87) International Publication No	: NA	2)YUK Youngsoo
(61) Patent of Addition to Application	:NA	3)PARK Giwon
Number	:NA	4)RYU Kiseon
Filing Date	.11/1	5)LEE Jin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present description provides a method for allocating a device identifier through an initial network entry process with a base station in a wireless access system. The method comprises a step of transmitting control information indicating a mobile station supporting Machine to Machine (M2M) communication to a base station; and receiving a first message comprising at least one of a first identifier indicative of a group to which devices belong and a second identifier indicative of each of the devices belonging to the group from the base station.

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CODEC DEPLOYMENT USING IN-BAND SIGNALS

(51) International classification :H04L29/06,H04W76/04,H04W88/18

(31) Priority Document No :61/348,203 (32) Priority Date :25/05/2010

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

country :U.S.

(86) International Application No :PCT/US2011/037968

Filing Date :25/05/2011

(87) International Publication No : NA

(61) Patent of Addition to
Application Number
:NA

Filing Date :NA

(62) Divisional to :NA

Application Number :NA :NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714

United States of America (72)Name of Inventor:

1)WANG Min 2)YANG Dai

3)RAJENDRAN Vivek

4)KANDHADAI Ananthapadmanabhan Arasanipalai

5)HEIDARI Alireza R. 6)TOMAN Jeremy P.

(57) Abstract:

After a call is established between two stations using a codec that has been negotiated during call setup in-band signaling may be used between the two stations to change the codec that is to be used. The in-band signals are indicative that the station that is transmitting the in-band signals can operate with a second codec and are used to probe whether the receiving station can also operate with that second codec. If the receiving station detects and reacts to the in-band signals then both stations change to communicate with the second codec. The second codec has compatible packet sizes of the deployed (originally negotiated) codec without any need of infrastructure upgrade and/or quality compromise to legacy phone users (i.e. stations that cannot operate with the second codec).

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DISCHARGE CONE

(51) International :B65D88/28,B65D88/64,B65D88/72

classification .B03D88/28,B03D88/04,B03D88/

(31) Priority Document No :10 2010 018 841.7 (32) Priority Date :29/04/2010 (33) Name of priority country:Germany

(86) International :PCT/EP2011/001747

Application No
Filing Date

FC1/EF201
:08/04/2011

(87) International Publication :WO 2011/134594 A1

No (61) Patent of Addition to

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

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

(71)Name of Applicant:

1)ThyssenKrupp Uhde GmbH.

(21) Application No.8699/CHENP/2012 A

Address of Applicant: Friedrich Uhde Strae 15 44141

Dortmund Germany
(72)Name of Inventor:
1)HAMEL Stefan
2)KOWOLL Johannes

(57) Abstract:

(19) INDIA

The invention relates to a device for discharging a fine grained solid from a container (1) wherein the container has a discharge cone (5) in the lower area which opens into a discharge opening and discharge device means for fluidizing or loosening the solid are provided the discharge cone has at least one offset in the form of a gap (10) said offset having openings (12) a gas can be fed through each of the openings of the gap shaped offsets each of the gap shaped offsets is covered toward the center axis of the discharge cone the gap shaped offsets are not directed toward the center axis of the discharge cone and wherein the gaps of the gap shaped offsets are closed by cover pates (11) which have round or slit shaped openings and the gaps extend in the downward direction.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: A HANDOVER METHOD AND APPARATUS IN A MOBILE COMMUNICATION SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:28/04/2010 :China :PCT/KR2011/003016 :26/04/2011 : 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)Lixiang XU 2)Hong WANG 3)Huarui LIANG
Application Number Filing Date	:NA	

(57) Abstract:

A method for handover of User Entity (UE) by a source Base Station (BS) is provided. The method includes determining whether to handover the UE using an X2 interface transmitting a handover request message to a target BS the handover request message including Closed Subscriber Group (CSG) information of the target BS and receiving a handover request acknowledgement message from the target BS wherein the determining of whether to handover the UE using the X2 interface includes if there is the X2 interface between the source BS and the target BS and if the target BS does not support a CSG or the target BS supports a same CSG supported by the source BS determining to perform the handover of the UE using the X2 interface and obtaining the CSG information of the target BS through an X2 interface set up procedure.

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

(22) Date of filing of Application :23/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : BATH FOR SURFACE TREATMENT METHOD OF PRODUCING SURFACE-TREATED STEEL PLATE BY USING THE BATH FOR SURFACE TREATMENT AND SURFACE-TREATED STEEL PLATE PRODUCED BY THE SAME 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 	:C25D9/10,C25D21/18,C25D9/02 :2010-123007 :28/05/2010 :Japan :PCT/JP2011/062192 :27/05/2011 : NA :NA	(71)Name of Applicant: 1)TOYO SEIKAN KAISHA LTD. Address of Applicant: 18-1 Higashi-Gotanda 2-chome Shinagawa-ku Tokyo 141-8640 Japan Japan 2)NIPPON PAINT CO. LTD. 3)TOYO KOHAN CO. LTD. (72)Name of Inventor: 1)KUROKAWA Wataru 2)KANAZAWA Seitaro 3)TAYA Shinichi 4)YOSHIMURA Kunihiro 5)IIDA Naomi
Application Number		4)YOSHIMURA Kunihiro
(62) Divisional to Application Number Filing Date	:NA :NA	6)IIDA Miwa 7)MATSUKAWA Masahiko

(57) Abstract:

[Problems] To provide a bath for surface treatment capable of forming a surface-treating film having excellent corrosion resistance by a high-speed electrolytic treatment and a method of producing a surface-treated steel plate having excellent corrosion resistance and closely adhering property to the coating maintaining good productivity. [Means for Solution] A bath for surface treatment used for forming a surface-treating film on the surface of a steel plate by cathodic electrolysis the bath for surface treatment containing Zr and/or Ti and a polycarboxylic acid.

No. of Pages: 90 No. of Claims: 19

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: VEHICLE DOOR LOCK DEVICE

(51) International classification: E05B65/20,B60J5/00,B60R25/00 (71) Name of Applicant: 1)AISIN SEIKI KABUSHIKI KAISHA (31) Priority Document No :2010-120339 (32) Priority Date :26/05/2010 Address of Applicant: 1 Asahi-machi 2-chome Kariya-shi (33) Name of priority country :Japan Aichi 448-8650 Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/055634 1)Ryujiro AKIZUKI No :10/03/2011 Filing Date 2)Takashi NISHIO (87) International Publication 3)Nobuko WATANABE : NA 4)Yasuhiko SONO 5)Kazunori KOJIMA

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

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

(57) Abstract:

A vehicle door lock device includes a housing including: an outer housing body including a covering portion covering an outer side of an electric motor and an outer side of a worm, an outer shaft-supporting portion supporting an active lever, and an outer shaft-supporting portion supporting an inner shaft-supporting portion supporting an active lever, and an inner shaft-supporting portion supporting the worm wheel. An outer surface of the covering portion of the outer housing body and an outer surface of the outer shaft-supporting portion, which is provided in the outer housing body, for supporting the active lever, are formed in the same flat surface, and an outer surface of the outer shaft-supporting portion, which is provided in the outer housing body, for supporting the worm wheel, is formed in a dented surface dented inwardly with respect to the flat surface. Accordingly, the vehicle door lock device may have such a shape and a structure that a worker can easily hold in the hand, and hence it is possible to achieve satisfactory workability when the device is assembled to a door.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHODS AND APPARATUS FOR USING THE UNUSED TV SPECTRUM BY DEVICES

SUPPORTING SEVERAL TECHNOLOGIES

(51) International :H04W72/08,H04W16/14,H04W28/20

(31) Priority Document No :12/787.449

(32) Priority Date :26/05/2010

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

country

(86) International Application No :PCT/US2011/038068

Filing Date :26/05/2011

(87) International : NA Publication No

(61) Patent of Addition to

Application Number :NA Filing Date :NA

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

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714

United States of America (72)Name of Inventor:

1)LI Junvi

2)TAVILDAR Saurabh R. 3)JOVICIC Aleksandar

4)KIM Hongseok

(57) Abstract:

Methods and apparatus supporting load balancing in a wireless communications system implementing decentralized control are described. Different channels, e.g., unused TV channels, are available in different locations for use for communications. Various communications technologies, e.g., WiFi, 3G, Blue-Tooth, etc., may be supported by a communications device and may be allowed to be used on the available channels. A wireless communications device evaluates its current local environment, e.g., estimating potential rates that it may use and/or estimating latency, for each of a plurality of available alternative channel / technology combinations. The wireless communications device selects a channel and technology combination to use as a function of its estimates. The wireless communications device uses its selected channel and technology combination for communications, e.g., for peer to peer communications including direct peer to peer traffic signaling as part of a local peer to peer network.

No. of Pages: 53 No. of Claims: 30

(22) Date of filing of Application :23/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR HASH DETECTION AMONG MULTIPLE TASKS

(51) International :H04L12/26,H04L12/56,H04L29/06 classification

(31) Priority Document No :201010168334.1 :11/05/2010 (32) Priority Date

(33) Name of priority country: China

(86) International Application :PCT/CN2011/073062

:20/04/2011 Filing Date

(87) International Publication : NA

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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keii Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China

(72)Name of Inventor: 1)Tingshan PAN

(57) Abstract:

The disclosure provides a method and apparatus for hash detection among multiple tasks, wherein the method includes the following steps: A. before allocating labels, a protocol processing module first calls a driving hash detection module in the bottom layer to query whether a label is available; and the driving hash detection module executes an operation of writing the label into a hardware; if the operation of writing fails, it is indicated that a hash collision occurs, and the driving hash detection module feeds back to the protocol processing module the information that the label is unavailable; if the operation of writing succeeds, it is indicated that the label is available, and at the same time the label is added with a preoccupied status in a software table; B. the protocol processing module receives the feedback information from the driving hash detection module, if the feedback information indicates failure, the operation returns to the step A; and if the feedback information indicates success, the protocol processing module transmits a service configuration to a service driven processing module; then the service driven processing module determines whether the label is preoccupied by the hardware, if so, the service driven processing module deletes the label with the preoccupied status and really writes the label into the hardware. The disclosure can solve the problem that, when multiple tasks are transmitted, a hash collision occurs but cannot be detected by the upper-layer configuration or protocol.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR PROCESSING MBMS COUNTING 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 	:H04W24/00 :201010187330.8 :27/05/2010 :China :PCT/CN2011/073279 :25/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)Wei GOU 2)Bin WANG
Filing Date	:NA :NA	

(57) Abstract:

The disclosure provides a method for processing a Multimedia Broadcast Multicast Service (MBMS) counting message. The method includes: a network side configures counting message for performing feedback counting on an MBMS service; and the network side determines a Multimedia Broadcast Multicast Service Single Frequency Network (MBSFN) area to which the counted MBMS belongs and a Multimedia Control Channel (MCCH) which corresponds to the MBSFN area and transmits the counting message to user equipment (UE) through the MCCH which corresponds to the MBSFN area or transmits the counting message to the UE through a Broadcast Control Channel (BCCH). The disclosure also discloses an apparatus for processing an MBMS counting message. By using the method and the apparatus provided by the disclosure the network side can know the reception situation of the MBMS service in the MBSFN area.

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

(21) Application No.173/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: 10 AMP SINGLE MODULE BELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)PRAFUL SHAH Address of Applicant: 3-4-250/1 NIRMITH MANSION KACHIGUDA HYDERABAD ANDHRA PRADESH-500 027 INDIA. Andhra Pradesh India (72)Name of Inventor: 1)PRAFUL SHAH
(61) Patent of Addition to Application Number	:NA	I)PRAFUL SHAH
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The electronic microcontroller based smart switch made in a modular concept of compact shape which is operated through capacitive touch sense. The switch has a built in ISW communication with Unique ID and also has a built in SMPS power supply. The switch controls the circuit through electromechanical relay which also provides galvanic isolation. The microcontroller operate the relay by sensing capacitive touch sensing .The ISW communication can also control the relay and various parameter of the microcontroller remotely. The switch handles 35 Amps of current. The modular shape of the switch allows it to be fitted in multiple combinations as per requirement.

No. of Pages: 29 No. of Claims: 1

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: IMPROVED YARN STORAGE FEED 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 	:B65H :MI2011A 002046 :11/11/2011 :Italy :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BTSR INTERNATIONAL S.P.A. Address of Applicant: VIA SANTA RITA, SNC, 21057 OLGIATE OLONA, VARESE Italy (72)Name of Inventor: 1)BAREA, TIZIANO
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(57) Abstract:

A storage feed device (1) for a yarn (F) which unwinds from a corresponding bobbin and is fed to a textile machine, the device (1) comprising a rotary or fixed drum (5) and an optical sensor member (13) arranged to sense the movement of the yarn (F) towards the textile machine, said optical sensor comprising a plurality of emitters (18A, B, C, D) and receivers (30A, B, C, D) between which a light beam is generated and is interrupted by the yarn (F) during its movement. The optical sensor (13) comprises a first fixed part (15) and a second fixed part (16) which comprise said emitter and receiver elements (18, 30), the first part (15) being coaxial with the rotary member (5), the second being annular and surrounding said first part (15), the yarn (F) moving between said parts (15, 16).

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

(12) FATENT AFFLICATION FUBLICATION

(21) Application No.9796/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: GENERATING FLUID FLOW IN A FLUIDIC NETWORK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority	:G01N35/08,G01N33/48,G01N35/10 :PCT/US2010/035697 :21/05/2010	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant: 11445 Compaq Center Drive West Houston TX 77070 United States of America
country	:PCT	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/US2011/024830 :15/02/2011	1)ALEXANDER GOVYADINOV 2)ERIK D. TORNIAINEN 3)PAVEL KORNILOVICH
(87) International Publication No	: NA	4)DAVID P. MARKEL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one embodiment a method of generating net fluid flow in a microfluidic network includes with a fluid actuator integrated asymmetrically within a microfluidic channel generating compressive and tensile fluid displacements that are temporally asymmetric in duration.

No. of Pages: 49 No. of Claims: 15

(22) Date of filing of Application :20/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HELIOSTAT REPOSITIONING SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24J2/38 :61/349,697 :28/05/2010 :U.S.A. :PCT/US2011/038412 :27/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QBOTIX INC. Address of Applicant: 3517 Edison Way Suite D Menlo Park California 94025 United States of America. (72)Name of Inventor: 1)CURRIER Thomas
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(57) Abstract:

A system and method for providing real time control of a heliostat array or CPV/PV module that reduces actuation cost the disclosure reduces the fixed cost of calibrating and repositioning an individual surface. This simultaneously removes the core engineering assumption that drives the development of large trackers and enables a system and method to cost effectively track a small surface. In addition to lower initial capital cost a small heliostat or solar tracker can be pre-assembled mass-produced and shipped more easily. Smaller mechanisms can also be installed with simple hand tools and do not require installers to rent expensive cranes or installation equipment.

No. of Pages: 47 No. of Claims: 25

(21) Application No.9972/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HEATING APPARATUS OF FUEL CELL VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60H1/22,H01M8/00,H01M8/06 :2010-152049 :02/07/2010 :Japan	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2011/062883 :06/06/2011	(72)Name of Inventor : 1)IKEYA Kengo
No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A heating apparatus for a fuel cell vehicle having a fuel cell for generating electricity by a chemical reaction of oxygen and hydrogen a cathode exhaust passage through which outside air introduced and supplied to the cathode electrode of the fuel cell so as to be used for the power generation reaction is discharged from the fuel cell and an anode exhaust passage through which the hydrogen is discharged from the fuel cell the heating apparatus being featured by including a branch passage which is branched from a branch point of the cathode exhaust passage and supplies the air discharged from the fuel cell to the vehicle compartment and featured in that the anode exhaust passage is joined to the cathode exhaust passage on the downstream side of the branch point.

No. of Pages: 34 No. of Claims: 5

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : PREMOULD AND MOULD FOR PRECAST CONCRETE FUNICULAR SHELLS WITH EDGE BEAM

(51) International classification	:B28B7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CIVIL
(33) Name of priority country	:NA	ENGINEERING, 173, AGHARAM ROAD, SELAIYUR,
(86) International Application No	:NA	CHENNAI - 600 073 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)P. SACHITHANANTHAM
(61) Patent of Addition to Application Number	:NA	2)P. DAYAKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses the procedure for preparation of premould and mould to enable casting of precast concrete funicular shells with edge beam. A membrane is clamped between steel frames and allowed to sag to obtain funicular shape by pouring wet concrete over the membrane and thus the premould is obtained. The mould is prepared by pouring the wet concrete over the inverted premould.

No. of Pages: 16 No. of Claims: 3

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TASTE MASKED AMLODIPINE STRIP FORMULATION

(51) 7	. (1170/00	
(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NU THERAPEUTICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :NU THERAPEUTICS PVT. LTD. Plot
(33) Name of priority country	:NA	No: 118 Phase-III IDA Cherlapally R. R. Dist Hyderabad. Pin:
(86) International Application No	:NA	500051 Assam India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KADAPA ADINARAYANA REDDY
(61) Patent of Addition to Application Number	:NA	2)VENKATESH KATAKAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A taste masked orally dissolving strip formulation of amlodipine or pharmaceutically acceptable salts thereof comprising amlodipine or pharmaceutically acceptable salts thereof, surfactant, taste masking agent, flavoring agent, water soluble polymeric component and at least one pharmaceutically acceptable excipient.

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

(22) Date of filing of Application :02/07/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: GAS-PHASE POLYMERIZATION PROCESS HAVING MULTIPLE FLOW REGIMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08F10/06 :61/288,580 :21/12/2009 :U.S.A. :PCT/US2010/060827 :16/12/2010 :WO 2011/084628 A1 :NA :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)CAI Ping 2)CHEN Linfeng 3)VAN EGMOND Jan W. 4)TILSTON Michael W.
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(57) Abstract:

The present invention relates to an improvement for gas phase olefin polymerization process under two or more different flow regimes. The process involves adding a mixed electron donor system to a reactor having two or more different flow regimes wherein the mixed electron donor system comprises at least one selectivity control agent and at least one activity limiting agent. The invention is particularly well suited for reactor systems which include a regime characterized by having a low velocity or high solid holdup which have been reported to have operational problems such as particle agglomeration and formation of polymer chunks.

No. of Pages: 20 No. of Claims: 19

(21) Application No.9961/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : ENERGY SAVING MODE WITH MAINTAINED NUMBER OF ADVERTISED TRANSMIT ANTENNAS

:H04B7/06,H04W28/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OUALCOMM INCORPORATED :61/357.019 (32) Priority Date :21/06/2010 Address of Applicant: 5775 Morehouse Drive San Diego (33) Name of priority country California 92121 USA :U.S.A. :PCT/US2011/041280 (86) International Application No (72)Name of Inventor: Filing Date 1)BANISTER Brian Clarke :21/06/2011 (87) International Publication No : NA 2)BREHLER Matthias (61) Patent of Addition to Application 3)GAAL Peter :NA Number 4)KITAZOE Masato :NA Filing Date 5)BHATTAD Kapil (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Certain aspects of the present disclosure provide techniques for wireless communications wherein first number of transit antennas is advertised but a different number of transmit antennas are actually used for transmission.

No. of Pages: 34 No. of Claims: 44

(21) Application No.9962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: PROCESS ENTITY GRAPHS

(51) International classification :G06F9/44,G06F17/30,G06F9/06 (71) Name of Applicant:

:NA

:61/330,349 (31) Priority Document No (32) Priority Date :01/05/2010

(33) Name of priority country :U.S.A. (86) International Application

:PCT/NZ2011/000060 No

:27/04/2011 Filing Date

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

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

Filing Date

1)CORE TECHNOLOGY LIMITED

Address of Applicant :Level 1 NZX Centre 11 Cable Street

Wellington 6011 New Zealand

(72)Name of Inventor:

1)MERCER Shane Andrew 2)MARTIN John Matthew 3)SMITH Lindsay Ian

(57) Abstract:

Implementing a process in an automation platform. Representing conceptual entities of the process as a nodes in a conceptual graph. Representing process relationships between the conceptual entities as edges between the nodes of the conceptual graph. Transforming the conceptual graph into a structural graph representing an automation design of the process. Transforming the structural graph into implementation artifacts executable on the automation platform. Entities can represent a feature a constraint a project phase a screen a data item and a process description. Relationships can include a dependency relationship a temporal relation-ship and a parentchild relationship. The transformation into a structural graph being traceable between elements of the conceptual graph and the structural graph. The transformation into a structural graph controlled by a first configuration information. The transformation into a implementation artifacts controlled by a second configuration information.

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR CONTENTION RESOLUTION OF PASSIVE ENDPOINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06K7/00,H04B5/00 :61/328,527 :27/04/2010 :U.S.A. :PCT/FI2011/050325 :14/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant : Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Jari-Jukka Harald Kaaja 2)Sergey Boldyrev 3)Jarmo Tapani Arponen 4)Joni Jorma Marius Jantunen
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(57) Abstract:

An approach is provided for contention resolution of passive endpoints (103a-103m). A contention resolution platform (119) causes, at least in part, scanning of a data channel of a passive endpoint at a first active endpoint (101a-101n) to detect a powered state of the passive endpoint. The contention resolution platform (119) then identifies a second active endpoint (101a-101n) based, at least in part, on detection of the powered state. The contention resolution platform (119) generates a request to the second active endpoint for the first active endpoint to enter an active mode with respect to the passive endpoint, causing, at least in part, transmission of the request to the second active endpoint. The contention resolution platform (119) then joins the first active endpoint to one or more powered periods of the passive endpoint based, at least in part, on the response received

No. of Pages: 55 No. of Claims: 56

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

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

(51) International classification	:H04W36/08	(71)Name of Applicant:
(31) Priority Document No	:201010179799.7	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:13/05/2010	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2011/074018	China China
Filing Date	:13/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)HU Weizhi
(61) Patent of Addition to Application	:NA	2)GAO Lingling
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present invention discloses an information processing method which includes: receiving by a first base station a handover request message from a second base station; and judging by the first base station whether the handover request message is an initial handover request message directly sent by a source base station in a handover process or a forwarded handover request message; if a judging result is that the handover request message is the forwarded handover request message saving by the first base station a user equipment UE context in the handover request message so as to become a prepared base station of the UE. Adopting the technical solutions of the embodiments of the present invention can improve a reestablishment success ratio.

No. of Pages: 27 No. of Claims: 20

(21) Application No.9839/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: LEVEL SHIFTER WITH BALANCED DUTY CYCLE

(51) International :H03K3/356,H03K19/003,H03K5/151 classification

(31) Priority Document No :12/767,370 (32) Priority Date :26/04/2010

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

country (86) International

:PCT/US2011/032898 Application No

:18/04/2011 Filing Date

(87) International : NA Publication No

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

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

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714

United States of America (72)Name of Inventor: 1)SRIVASTAVA Ankit 2)QUAN Xiaohong

(57) Abstract:

A level shifter and method are provided for balancing a duty cycle of a signal. An input circuit receives a differential logic signal with two complementary logic levels. A level transition balancing circuit balances the rise and fall times of a level shifted version of each complementary logic level during a transition from a first to a second of the logic levels and a level shift. A logic element stores and provides outputs of the level shifted versions of the logic levels. The level transition balancing circuit can include a capacitor in parallel with a transfer element for each input. The capacitor destabilizes inputs to the logic element and balances the transition using a capacitance and a level previously stored in the logic element.

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A SOLAR PANEL OUTPUT IN CHARGING A BATTERY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:H02J7/35,G05F1/67,H01L31/024 :61/328,180 :27/04/2010 :U.S.A. :PCT/US2011/034217	1)NAVSEMI ENERGY PRIVATE LIMITED Address of Applicant :20 Maxwell Road #09-17 Singapore 069113 Singapore (72)Name of Inventor:
Filing Date (87) International Publication	:27/04/2011	1)BABU JAIN
No (61) Patent of Addition to	: NA :NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT A control system or module and a method are disclosed to maximize the current flow from a solar panel into the battery connected during the solar panels operation by first tracking an output of the solar panel in determining a maximum power point of the output at a specific instance identifying a range about the maximum power point and adjusting a current level of the output by (i) increasing the current level of the output when a voltage level of the output indicates that the voltage level is above a maximum charge voltage of a battery and (ii) decreasing the current level of the output when the voltage level of the output indicates that the voltage level is below a minimum charge voltage of the battery

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PROCESSING OBJECTS OF A RADIOMAP DATABASE

(51) International classification	·H04W64/00 G01S5/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant : Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:PCT/IB2010/051831	(72)Name of Inventor:
Filing Date	:27/04/2010	1)Lauri Aarne Johannes Wirola
(87) International Publication No	: NA	2)Tommi Antero Laine
(61) Patent of Addition to Application	:NA	3)Mikko Juhani Blomqvist
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

It is inter alia disclosed to respectively link at least two objects of a plurality of objects to one or more respective regions of a grid of regions. The at least two objects are respectively related to a respective coverage area representation and/or a respective coverage-providing entity. At least two of the at least two objects are associated with each other based on a finding that both have been linked to at least one same region of the grid of regions. At least one of the at least two associated objects is an object related to a first communication system and at least one other of the at least two associated objects is an object related to a second communication system that is different from and/or operated by another operator than said first communication system.

No. of Pages: 100 No. of Claims: 54

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: IMMUNOSTIMULATORY AND VACCINE COMPOSITIONS

(51) International :A61K31/736,A61K31/715,A61K39/00 classification

(31) Priority Document :2010901997

No

(32) Priority Date :10/05/2010 (33) Name of priority

:Australia country

(86) International :PCT/AU2011/000542 Application No

:10/05/2011 Filing Date

(87) International : NA 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)ASCEND BIOPHARMACEUTICALS PTY LTD

(21) Application No.9968/CHENP/2012 A

Address of Applicant : C/- SciVentures Investments Pty Ltd. Level 1 159 Dorcas Street South Melbourne Victoria 3205

Australia

(72)Name of Inventor:

1)PIETERSZ Geoffrey Alan

(57) Abstract:

The present invention provides an immunostimulatory composition comprising mannans wherein at least 75% of the mannans are greater than about 1000 kDa and/or have at least 150 aldehyde groups. The present invention also provides for the use of this composition in vaccination and gene therapy methods together with processes for its preparation

No. of Pages: 96 No. of Claims: 66

(22) Date of filing of Application :08/03/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : AIRBORNE CHASSIS COOLING AIR INTAKE CHANNEL WITH INTERNAL HEAT EXCHANGERS

(51) International classification	·F24F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRASHANT
(87) International Publication No	: NA	2)KARTHIKEYAN APPARSAMY
(61) Patent of Addition to Application Number	:NA	3)PRATHIBA RAMAN SHAMINI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Airborne electronic chassis has set of frames forming an outer peripheral skin to the form factor of 1 long ATR designed to withstand arrestor landing shock level (suitable for naval aircrafts also). Frames on left and right side are double walled and housed with folded fin heat exchangers four numbers on each side. Cooling of the internal Shop Replaceable Unit [SRU] is accomplished by forced convection in the heat exchangers located in the side of the internal walls. A novel method is used for cooling air entry at bottom of the chassis through optimized channels. Cooling air is spliced and guided in the channels to the folded fin heat exchangers on both the side walls with minimum pressure drop. The cooling air channel shape is optimized to avoid the local recirculation of cooling air. After removing heat from the folded fins on the side walls, the cooling air exits through side wall top.

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

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : CONVERTING A MESSAGE SIGNALED INTERRUPTION INTO AN I/O ADAPTER EVENT NOTIFICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F13/38,G06F13/24,G06F9/48 :12/821,175 :23/06/2010 :U.S.A.	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2010/067023 :08/11/2010 : NA	York 10504 United States of America. (72)Name of Inventor: 1)GUSTAV SITTMANN III 2)DAVID CRADDOCK 3)THOMAS GREGG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)MARK FARRELL 5)JANET EASTON 6)ERIC NORMAN LAIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

One or more message signaled interruption requests from one or more input/output (I/O) adapters are converted to I/O adapter event notifications. Each I/O adapter event notification includes the setting of one or more specific indicators in system memory and an interruption request the first of which results in a pending I/O adapter interruption request. While a request for an I/O adapter interruption is pending subsequent message signaled interruption requests are converted to I/O adapter event notifications but do not result in additional requests for I/O adapter interruptions

No. of Pages: 78 No. of Claims: 9

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: LITHOGRAPHIC PRINTING PLATE PRECURSOR PLATE MAKING METHOD THEREOF AND NOVEL POLYMER COMPOUND

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	1:B41N1/14,C08F220/36,G03F7/00 :2010125336 :31/05/2010 :Japan :PCT/JP2011/062854 :30/05/2011	1)FUJIFILM Corporation Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1060031 Japan (72)Name of Inventor: 1)IWAI Yu
Filing Date (87) International Publication No	:WO 2011/152539	2)OOHASHI Hidekazu 3)MORI Takanori 4)NAKAYAMA Takafumi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A lithographic printing plate precursor includes: a support; and an image recording layer containing (A) a polymerization initiator (B) a sensitizing dye and (C) a polymerizable compound and the image recording layer or an undercoat layer which is optionally provided between the support and the image recording layer comprises (D) a polymer compound comprising (a1) a repeating unit having a side chain having a structure represented by the following formula (a1 1) and (a2) a repeating unit having a side chain having at least one structure of the formulae (a2 1) (a2 2) (a2 3) (a2 4) (a2 5) and (a2 6) as defined herein.

No. of Pages: 104 No. of Claims: 11

(21) Application No.9843/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: ECZEMA TREATMENT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:A61K38/40,A61K35/20,A61K38/17 :2010901718 :23/04/2010 :Australia :PCT/AU2011/000467 :21/04/2011 : NA :NA	(71)Name of Applicant: 1)PROBIOTEC LIMITED Address of Applicant:83 Cherry Lane Laverton North Victoria 3026 Australia. Australia (72)Name of Inventor: 1)Rudi GANTER 2)Humera AHMAD
Application Number Filing Date (62) Divisional to Application Number		
Filing Date	.1111	

(57) Abstract:

À use of a composition including lactoferrin and/or immunoglobulin for minimizing the saverity of one or more symptoms associated with eczema.

No. of Pages: 38 No. of Claims: 8

(21) Application No.9844/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS

(51) International classification :A61K38/40,A61K39/42,A61P31/04

(31) Priority Document No :2010901715 (32) Priority Date :23/04/2010

(33) Name of priority country: Australia

(86) International Application No :PCT/AU2011/000466

Filing Date :21/04/2011

(87) International Publication : NA

No : NA

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

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

(71)Name of Applicant:
1)PROBIOTEC LIMITED

Address of Applicant :83 Cherry Lane Laverton North

Victoria 3026 Australia. (72)Name of Inventor: 1)Rudi GANTER 2)Humera AHMAD

(57) Abstract:

A composition including lactoferrin and immunoglobulin wherein the composition does not substantially include one or more of the following proteins: lactoperoxidase lactoglobulin albumin.

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

(21) Application No.9845/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: COLD TREATMENT

(51) International classification :A61K38/40,A61K39/42,A61P31/04

(31) Priority Document No :2010901717 (32) Priority Date :23/04/2010 (33) Name of priority country: Australia

(86) International :PCT/AU2011/000465

Application No :PC1/AU2011/00040 :21/04/2011

Filing Date

(87) International Publication : NA

No

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

(62) Divisional to
Application Number
:NA
:NA

Filing Date

(71)Name of Applicant:
1)PROBIOTEC LIMITED

Address of Applicant :83 Cherry Lane Laverton North

Victoria 3026 Australia. (72)Name of Inventor: 1)Rudi GANTER 2)Humera AHMAD

(57) Abstract:

A use of a composition including lactoferrin and/or immunoglobulin for minimizing the severity of one or more symptoms associated with common cold and/or influenza.

No. of Pages: 39 No. of Claims: 8

(21) Application No.2694/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/08/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: NON-TOXIC ADVANCED SIXTH GENERATION DISINFECTANT CLEANER

(51) International classification	:A47L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RESIL CHEMICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 28 & 30, BCIE, OLD MADRAS
(33) Name of priority country	:NA	ROAD, VIJANPURA, BANGALORE - 560 016 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HELA GAYATRI PAMIDIPATI
(87) International Publication No	: NA	2)SHETTY SUREKHA
(61) Patent of Addition to Application Number	:NA	3)CHATURVEDI ADITI
Filing Date	:NA	4)BERERA DEVAIAH VIJAYA
(62) Divisional to Application Number	:NA	5)MADATHETU SHANKARA NARAYANAN VIJAYAN
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a stable, efficient and non toxic advanced sixth generation disinfectant formulation comprising micro colloidal silver. The formulation can be used for a wide variety of applications including household and industrial applications.

No. of Pages: 42 No. of Claims: 21

(22) Date of filing of Application :13/12/2011 (43) Publication Date : 09/05/2014

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF RENIN INHIBITORS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	C07D NA NA	(71)Name of Applicant: 1)MYLAN LABORATORIES LTD Address of Applicant: PLOT NO 564/A/22, ROAD NO92, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh India (72)Name of Inventor: 1)RAMA, SHANKAR 2)VADALI, LAKSHMANAN RAO 3)GORANTLA, SARAT CHANDRA SRIKANTH 4)MANUKONDA, SESHADRI RAO 5)PORLA, VENKATA SRINIVAS RAO 6)VADLAMUDI, MOHANA VAMSI KRISHNA 7)POTHANI, JAYARAM 8)ANUPATI, RAJA REDDY
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(57) Abstract:

The present invention relates to an improved process for the preparation of compound of Formula-II, which is an intermediate in the preparation of Aliskiren and further conversion of compound of Formula-II into Aliskiren or its pharmaceutically acceptable salts. Formula-II wherein R1 and R2 are independently of one another H, C1-C6alkyl, C1-C6 halogenalkyl, C1-C6 alkoxy, C1-C6 alkoxy-C1-C6 alkyl, or C1-C6 alkoxy-C1-C6 alkyloxy and X is halogen selected from fluoro, chloro, bromo and iodo

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

(22) Date of filing of Application :01/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: IMAGE FORMING APPARATUS AND METHOD OF CONTROLLING 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 	:Japan :NA :NA	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)AKINORI TAKEO
(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:

This image forming apparatus determines, when a user authentication function of the image forming apparatus is set to be valid and a re-execution function of re-executing an executed job is set to be valid, that the re-execution function can be executed, and determines, when the user authentication function is set to be invalid, that the re-execution function cannot be executed. The apparatus stores job information of an executed job when determining that the re-execution function can be executed. The apparatus permits an authenticated user to handle stored job information when determining that the re-execution function can be executed, the user authentication succeeds, and the authenticated user has execution authority for the job

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

(22) Date of filing of Application :07/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: REMOTE CONTROL OPERATED SYSTEM FOR FAN AND LIGHT ASSEMBLY

(51) International classification	:G08C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MALLESH BOMMAGANI
(32) Priority Date	:NA	Address of Applicant :M.K. POWER SYSTEM, OPP, STO
(33) Name of priority country	:NA	OFFICE, NEAR SBH, MOTHUKUR, NALAGONDA,
(86) International Application No	:NA	ANDHRA PRADESH - 508 277 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MALLESH BOMMAGANI
(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 remote control system for switching and controlling the speed and light intensity of fan and light assembly comprising of remote and at least one circuit device mounted on a switch board. The circuit device comprises of at least one sensor module; at least one microcontroller; one or more triodes for alternating current; one or more resistors; one or more capacitors; one or more diodes; one or more transistors and crystal. The sensor module connected to the microcontroller receives infrared signals from the remote, demodulates into signals that is compatible to the microcontroller and decodes the demodulated signals from the sensor module to corresponding command and address data bytes. On receiving the decoded command and address data bytes, the microcontroller signals the TRIAC and the system switches on the corresponding light or fan by triggering the corresponding TRIAC.

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

(19) INDIA

12 (43) Publication Date : 09/05/2014

(21) Application No.4792/CHE/2012 A

(22) Date of filing of Application :16/11/2012

(54) Title of the invention: REFRIGERANT COMPRESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :NA :NA	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant: 1006, OAZA KADOMA, KADOMA- SHI, OSAKA 571-8501 Japan (72)Name of Inventor: 1)KAWABATA, HIROTAKA 2)HAYASHI, YASUSHI 3)BANNAI, RIE
	-	
(87) International Publication No	: NA	3)BANNAI, RIE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A refrigerant compressor according to the present invention is configured that at least one member constituting an electric element and a compression element is made of a rubber material. This rubber material is nitrile rubber, in which: Condition 1: bound acrylonitrile content is within a range of 35 to 51 % by weight; Condition 2: organic compound having carbon atom, which is capable of creating double bond with sulfur atom, nitrogen atom or carbon atom and is also capable of creating single bond with sulfur atom or nitrogen atom, is not used as a vulcanizing accelerator in the process for creating cross-linkage; and Condition 3: no phthalic ester is contained.

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

(21) Application No.7157/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PILE SENSING DEVICE AND METHOD OF USING THE SAME

(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 Signature (17/02/2010 SUS.A. SPCT/US2011/024569 SUS.A. SPCT/US2011/024569 SUS.A. SPCT/US2011/024569 SUS.A. SPCT/US2011/024569 SUS.A. SPCT/US2011/024569 SUS.A. SUS.A. SPCT/US2011/024569 SUS.A. SUS.A. SPCT/US2011/024569 SUS.A. SUS.A. SUS.A. SPCT/US2011/024569 SUS.A. 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 	:U.S.A. :PCT/US2011/024569 :11/02/2011 :WO 2011/103039 :NA :NA	(72)Name of Inventor: 1)PISCSALKO George R. 2)RAUSCHE Frank 3)COTTON Dean A.
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(57) Abstract:

A system for monitoring the forming of a solid object having a sensor string positionable in a forming structure before the curing process and a communication line extending along a string axis between a first and second end. The string further including a plurality of sensors joined to the communication line between the ends and each sensor being mounted at a set position on the line. Each sensor having a sensor body and a sensor housing and the sensor body including an electrical connecter to electrically join an electrical structure to the communication line at the set position. The electrical structure including a temperature sensor configured to monitor temperature near the set position and further including an electronic identification code corresponding to the set position of the sensor along the axis. The system further including a transmitting device for selectively communicating the temperature and identification code.

No. of Pages: 38 No. of Claims: 37

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR INDEX GENERATION AND USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :12/767,457 :26/04/2010 :U.S.A. :PCT/FI2011/050283 :01/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Eric Gieseke
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(57) Abstract:

An approach is provided for generating a searchable index (111) including an associated object graph. Data objects of a database (107) are converted into corresponding rows in a set of searchable columns. An object graph corresponding to each row of the searchable columns are determined. An index (111) including the set of searchable columns and the corresponding object graphs are generated.

No. of Pages: 40 No. of Claims: 53

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD AND APPARATUS FOR SYNTHESIZED ADDRESS DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/12 :NA :NA :NA :PCT/IB2010/051823 :26/04/2010	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Teemu Ilmari Savolainen
 (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)Jouni Korhonen

(57) Abstract:

A method and apparatus for synthesized address prefix detection is provided. One example method includes generating a request for a first protocol address record of a name that has been assigned an address in accordance with a second protocol causing the request to be sent to a domain name system server and analyzing a response to the request for the first protocol address record to determine whether the domain name system server generated a synthesized address for the name in accordance with the first protocol. Similar and related example methods and example apparatuses are also provided.

No. of Pages: 40 No. of Claims: 54

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : COMMUNICATION SYSTEM NODE CONTROL SERVER COMMUNICATION METHOD AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L12/56 :2010060898 :17/03/2010 :Japan :PCT/JP2011/056200 :16/03/2011 :WO 2011/115168 :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)CHIBA Yasunobu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are a communication system a node a control server a communication method and a program which make it possible to set processing rules (flow entry) reliably and quickly. The communication system includes a node which receives a packet containing a series of processing rules constructed by listing processing rules to be set in a processing rule storage unit of a node in a data transfer network and which sets processing rules in the processing rule storage unit thereof in accordance with the series of processing rules.

No. of Pages: 67 No. of Claims: 32

(21) Application No.9022/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CRYSTALLINE OXIDIZED GLUTATHIONE AND PRODUCTION METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K5/037,C07K1/14 :2010097529 :21/04/2010 :Japan :PCT/JP2011/059776 :21/04/2011 :WO 2011/132724 :NA :NA	(71)Name of Applicant: 1)KYOWA HAKKO BIO CO. LTD. Address of Applicant: 1 6 1 Ohtemachi Chiyoda ku Tokyo 1008185 Japan (72)Name of Inventor: 1)KIMURA Ken 2)FUKUMOTO Kenta 3)TANAKA Hiroshi
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(57) Abstract:

Provided is a novel crystal of oxidized glutathione hexahydrate. Crystal of oxidized glutathione hexahydrate is produced by cooling an aqueous solution containing oxidized glutathione to 15°C or lower to precipitate a crystal of oxidized glutathione hexahydrate.

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

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: FLAVONOID DIMERS AND THEIR USE

(51) International classification :C07D311/32,A61K31/352,A61P33/00

(31) Priority Document No :61/330,423 (32) Priority Date :03/05/2010 (33) Name of priority :U.S.A.

country

(86) International PCT

Application No
Filing Date

PCT/CA2011/000517
:03/05/2011

(87) International
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)THE ROYAL INSTITUTION FOR THE

(21) Application No.9922/CHENP/2012 A

ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY

Address of Applicant :845 Sherbrooke Street West Montral

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2)THE HONG KONG POLYTECHNIC UNIVERSITY

(72)Name of Inventor:
1)CHAN Tak-Hang
2)CHOW Larry M.C.
3)CHAN Kin-Fai
4)WONG Iris L.K.

(57) Abstract:

This invention relates to bis-flavonoid compounds of formula Flavonoid-Linker-Y-Linker-Flavonoid their synthesis and use for inhibiting multidrug resistance in chemotherapy and protozoan infection.

No. of Pages: 86 No. of Claims: 27

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : HELICOPTER HUB MOUNTED VIBRATION CONTROL AND CIRCULAR FORCE GENERATION SYSTEMS FOR CANCELING VIBRATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B64C27/00 :61/329,701 :30/04/2010 :U.S.A. :PCT/US2011/034719 :02/05/2011 : NA :NA	(71)Name of Applicant: 1)LORD CORPORATION Address of Applicant:111 Lord Drive Cary North Carolina 27511 United States of America U.S.A. (72)Name of Inventor: 1)JOLLY Mark 2)BLACK Paul
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotary wing aircraft vehicle vibration control system includes a hub mounted vibration control system. The system includes a sensor for outputting data correlating to relative rotation of the hub rotating about the Z axis relative to the nonrotating body first sensor outputting first data correlating to vibrations. The system includes first/second nonrotating body force generators fixedly coupled with the helicopter body proximate the transmission and oriented relative to the Z-axis and a link linking together the force generators and the hub mounted vibration control system wherein such are controlled to produce forces wherein the vibration sensed by the first nonrotating body vibration sensor is reduced.

No. of Pages: 189 No. of Claims: 24

(21) Application No.9924/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date: 09/05/2014

(54) Title of the invention: DIYNE COMPOSITIONS

(51) International :C07D307/54,A01N43/08,A01P3/00 classification

(31) Priority Document No :61/330.169 (32) Priority Date :30/04/2010

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

(86) International Application: PCT/EP2010/063161

:08/09/2010 Filing Date

(87) International Publication : NA

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)Evolva AG

Address of Applicant: Duggingerstrasse 23 CH-4153 Reinach

Switzerland

(72)Name of Inventor:

1)Jean-Philippe Meyer

2)Philipp Knechtle

3)Katrine Buch Greve

4) Alexandra M. P. Santana S rensen

(57) Abstract:

A novel class of divne compounds and divne salts provided herein are effective and potent Ole1 protein inhibitors useful for treating fungal pathogens. Compounds fungicides and methods are provided as novel potent and broad spectrum antifungal agents for treatment against a wide variety of fungal pathogens in humans and animals and in the agricultural setting.

No. of Pages: 229 No. of Claims: 44

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date: 09/05/2014

(21) Application No.9925/CHENP/2012 A

(54) Title of the invention: POLYAMIDE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08G69/36 :2010-120804 :26/05/2010 :Japan :PCT/JP2011/053922 :23/02/2011 : NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant: 5-2 Marunouchi 2-chome Chiyoda-ku Tokyo 1008324 Japan (72)Name of Inventor: 1)ODA Takafumi 2)OTAKI Ryoji 3)MASUDA Tsuneaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A polyamide compound containing from 50 to 99.9 mol% of an -aminocarboxylic acid unit represented by the following general formula (I) and from 0.1 to 50 mol% of a constituent unit represented by the following general formula (II): [In the general formula (I) m indicates an integer of from 2 to 18. In the general formula (II) R represents a substituted or unsubstituted alkyl group or a substituted or unsubstituted aryl group.]

No. of Pages: 94 No. of Claims: 6

(21) Application No.9926/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: BELLOWS BACKUP CHAMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:F04B1/04,F04B15/00,F04B43/08 :61/329,651 :30/04/2010 :U.S.A. :PCT/US2011/034046 :27/04/2011 : NA :NA	(71)Name of Applicant: 1)GRACO MINNESOTA INC. Address of Applicant: 88 11th Avenue NE Minneapolis Minnesota 55413 United States of America (72)Name of Inventor: 1)Timothy S. ROMAN 2)Kurt R. SJODIN 3)Adam L. KALTHOFF
\mathcal{E}	:NA :NA	

(57) Abstract:

The pump (10) prevents fluid leaks when a bellows (12) ruptures in a pump incorporating a flexible bellows (12) as a primary seal and prevents fluid from leaking out of a pump (10) or the pump (10) ingesting air in the event of a bellows rupture. This is done by adding an additional seal (22) after the bellows and a large volume backup chamber 24.

No. of Pages: 10 No. of Claims: 1

(21) Application No.7834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/09/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: TIMING ADVANCE ENHANCEMENTS FOR CELLULAR COMMUNICATIONS

(51) International classification	:H04W56/00	(71)Name of Applicant :
(31) Priority Document No	:10290131.1	1)KREUZER Werner
(32) Priority Date	:12/03/2010	Address of Applicant :Birkenstr. 7 85625 Baiern Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/IB2011/051006	1)HOLE David Philip
Filing Date	:10/03/2011	2)FAURIE Rene
(87) International Publication No	:WO 2011/111015	3)BORSELLA Remo
(61) Patent of Addition to Application	:NA	4)HANOV Steven Michael
Number	:NA	5)VENKOB Satish
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described are modifications to the operating behavior of a mobile station in a cellular communications network that reduce the extent procedures for updating a timing advance value used to compensate for propagation delays in transmitting to a base station. The mobile station is configured to operate in either a moving mode or a stationary mode where usual timing advance updating procedures are followed in the moving mode and modified in the stationary mode.

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

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : CLIMB ASSIST SYSTEM FOR NON-ABS VEHICLES FITTED WITH AUTOMATED MANUAL TRANSMISSION

(51) International classification (31) Priority Document No (32) Priority Date (32) No. 100 Priority Date (33) No. 100 Priority Date (34) No. 100 Priority Date (35) No. 100 Priority Date (36) No. 100 Priority Date (37) No. 100 Priority Date (38) No. 100 Priority Date (38) No. 100 Priority Date (39) No. 100 Priority Date (31) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (39) Priority Date (30) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority	:NA :NA	(71)Name of Applicant: 1)ASHOK LEYLAND LIMITED Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country(86) International Application No	:NA :NA	GUINDY CHENNAI 600 032 Tamil Nadu India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)M RUPESH 2)P KARTHIK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)R SIVAKUMAR 4)M.U.B. RAO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a climb assist system that aids vehicle to negotiate gradient, especially during restart, without any driver input. The system will apply brakes through the primary circuit through the service brakes whenever the logic conditions provided to the system becomes TRUE. The system takes inputs from service brakes, parking brakes, automated manual transmission control unit, accelerator pedal input, gearbox output shaft rpm and gear input for operation. With the help of the system, the driver will be assisted to manoeuvre the vehicle on a gradient surface without pressing the brake pedal, especially during restart condition.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : ADJUSTABLE-DISCHARGE UNLOADING HOPPER DEVICE AND CONCRETE STIRRING EQUIPMENT WITH IT

(51) International :B28C7/16,B65D88/28,B65D90/54

(31) Priority Document No :201010222745.4 (32) Priority Date :30/06/2010 (33) Name of priority country :China

(86) International Application :PCT/CN2011/075617

No :10/06/2011

Filing Date

(87) International Publication : 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)HUNAN SANY INTELLIGENT CONTROL

EQUIPMENT CO. LTD

Address of Applicant :Sany Industry Town Economic and Technological Development Zone Changsha Hunan 410100 P.R.

China China

2)SANY HEAVY INDUSTRY CO. LTD

(72)Name of Inventor:1)HUANG Xiangyang2)NI Xiaoqing3)ZHANG Jiaping

4)ZHANG Jiaqiao

(57) Abstract:

A controllable-discharge unloading hopper device and a concrete stirring equipment with the same are provided. The unloading hopper device comprises an unloading hopper module (10) and an unloading valve module (20) connected with the bottom of the unloading hopper module (10). Therein, the unloading valve module (20) includes: a barrel valve body (21), connected with the unloading hopper module, having a discharge passage; a valve unit (23), installed on the barrel valve body (21), including rotation shafts (231), door planks (232) connected with the rotation shafts (231) and a driving unit (24) connected with the ends of the rotation shafts to drive the rotation shafts such that the door planks (232) are selectively placed at any position between full open position and full shut position. The concrete stirring equipment comprises a stirring mainframe and the unloading hopper device. The device and equipment can control the open and close degree of the unloading valve module expediently.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD BASE STATION TERMINAL AND COMMUNICATION SYSTEM FOR UPDATING COMPONENT CARRIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/24 :201010162513.4 :30/04/2010 :China :PCT/CN2011/072407 :02/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1-7-1 Konan Minato-ku Tokyo 108- 0075 Japan (72)Name of Inventor: 1)YUXIN WEI
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(57) Abstract:

A method, base station, terminal and communication system for updating component carriers are provided. Wherein, status information of the terminal, base station and/or component carrier is acquired; whether the status information accords with the predetermined condition is determined; an old component carrier is replaced by a new component carrier, or a new component carrier is added in the even that the predetermined condition is met. With the embodiments of the present invention, the component carrier which the terminal would use is updated more effectively.

No. of Pages: 75 No. of Claims: 27

(22) Date of filing of Application :28/03/2008 (43) Publication Date : 09/05/2014

(54) Title of the invention: APPARATUS AND METHOD FOR SEPARATING IMPURITIES FROM TEXTILE FIBERS

(51) I () () 1 1 1 () ()	1.04	(71) N. C. A. 1.
(51) International classification	:b04c	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD
(32) Priority Date	:NA	Address of Applicant : PERIANAICKENPALAYAM
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NARAYANASWAMY KRISHNAKUMAR
(87) International Publication No	: NA	2)GOVINDHARAJULU MANI
(61) Patent of Addition to Application Number	:NA	3)SULUR ANGANNAN SARAVANAKUMAR
Filing Date	:NA	4)NARAYANASAMY KATHIRAVAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and method for separating impurities from the textile fibers is described. In one embodiment, an apparatus includes an outer shell (1) consisting flange rings (2) at the ends, an inner shell (6) which is coaxially arranged at the center of the outer shell (1), a baffle plate (11) which is coupled in between the outer shell (1) and the inner shell (6) and a collection box (5) which provides the housing for the outer shell (1) for the storage of collected impurities. In another embodiment, a method includes passing the air stream entrained with the fibers through the chamber created between an outer shell (1) and an inner shell (6) wherein the fibers flow in a spiral or helical path (12) through an inlet end (7), introduction of a cyclonic effect in the chamber, separation of impurities from the fiber due to variation in densities between the impurities and the fiber, forcing the impurities to flow along the periphery of the outer shell (1) and discharged through the perforated grids (10) due to gravitational force and collected in a collection box (5), and continually flow of the fiber which is free from impurities for the further fiber processing from an outlet end (8).

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

(21) Application No.10081/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HEAT AND ENERGY EXCHANGE

(51) International classification	:F28D15/00,H01L23/34	(71)Name of Applicant:
(31) Priority Document No	:61/347,446	1)FORCED PHYSICS LLC
(32) Priority Date	:23/05/2010	Address of Applicant :8001 Irvine Center Suite 400 Irvine
(33) Name of priority country	:Argentina	California 92618 United States of America
(86) International Application No	:PCT/US2011/037369	(72)Name of Inventor:
Filing Date	:20/05/2011	1)DAVIS Scott
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Materials components and methods are provided that are directed to the fabrication and use of micro-scale channels with a fluid for a heat exchange system where the temperature and flow of the fluid is controlled in part through the macroscopic geometry of the micro-scale channel and the configuration of at least a portion of the wall of the micro-scale channel and the constituent particles that make up the fluid. Moreover the wall of the micro-scale channel and the constituent particles are configured such that collisions between the constituent particles and the wall are substantially specular. Accelerating and decelerating elements provided herein can be configured with micro-scale channels which can trace out a generally spiral path.

No. of Pages: 30 No. of Claims: 70

(19) INDIA

(22) Date of filing of Application :30/11/2012

(21) Application No.10091/CHENP/2012 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: MODAL ANALYSIS

(51) International classification	:H05B6/64	(71)Name of Applicant :
(31) Priority Document No	:61/282,986	1)GOJI LTD.
(32) Priority Date	:03/05/2010	Address of Applicant : Mintflower Place 4th Floor 8 Par-La-
(33) Name of priority country	:U.S.A.	Ville Road Hamilton HM08 Bermuda Bermuda
(86) International Application No	:PCT/IB2011/001370	(72)Name of Inventor:
Filing Date	:03/05/2011	1)Pinchas EINZIGER
(87) International Publication No	: NA	2)Eran BEN-SHMUEL
(61) Patent of Addition to Application	:NA	3)Alexander BILCHINSKY
Number	:NA	4)Amit RAPPEL
Filing Date	.INA	5)Denis DIKAROV
(62) Divisional to Application Number	:NA	6)Michael SIGALOV
Filing Date	:NA	7)Yoel BIBERMAN

(57) Abstract:

Apparatus and methods are disclosed for applying electromagnetic energy to an object in an energy application zone via at least one radiating element. At least one processor may be configured to determine locations of a first region and a second region in the energy application zone. In addition the processor may be configured to regulate a source in order to apply a first predetermined amount of RF energy to the first region in the energy application zone and a second predetermined amount of RF energy to the second region in the energy application zone. The first predetermined amount of energy may be different from the second predetermined amount of energy.

No. of Pages: 114 No. of Claims: 49

(21) Application No.9015/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: CONTROL DEVICE

(51) International classification	:G06F3/05,H03M1/12	(71)Name of Applicant:
(31) Priority Document No	:2010-075943	1)Keihin Corporation
(32) Priority Date	:29/03/2010	Address of Applicant :26 2 Nishishinjuku 1 chome Shinjuku
(33) Name of priority country	:Japan	ku Tokyo 1630539 Japan
(86) International Application No	:PCT/JP2011/056024	(72)Name of Inventor:
Filing Date	:15/03/2011	1)ASO Ryuji
(87) International Publication No	:WO 2011/122327 A1	2)YUUKI Taichi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A control unit (12) causes an A/D converter (11) to perform A/D conversion for only analogue signals received from those sensors among a plurality of sensors (SR1 to SR8) required in processing to be executed by the control unit to control the operation of an electric component. The control unit (12) thereby obtains only digital signal data required in the processing and reads out only the digital signals required in the processing.

No. of Pages: 41 No. of Claims: 6

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: MULTI-LIDDED DISPENSING CARTRIDGE SYSTEM

:NA

(51) International classification :A61J1/00,A61J3/00,B65B1/30 (71)Name of Applicant : (31) Priority Document No 1) CAREFUSION 303 INC. :12/828,124 (32) Priority Date Address of Applicant: 3750 Torrey View Court San Diego :30/06/2010 (33) Name of priority country California 92130 United States of America, U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2011/037567 1)RAHILLY Michael Filing Date :23/05/2011 (87) International Publication No : NA 2)WEBER Frank Dean (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A cartridge for use in a dispensing system is disclosed. The cartridge includes a body having an exterior and a plurality of bins. A plurality of lids are movably attached to the body and are configured to cover a bin. A release mechanism is movable along an axis. A plurality of latches are movably attached to the body. Each latch is configured to secure the respective lid when in a first position and to release the respective lid when in a second position. The release mechanism will not cause a latch to move to the second position when the release mechanism is moving along the axis in a first direction. The release mechanism will cause a single latch to move to the second position while leaving the remaining latches in the first position when the release mechanism is moving along the axis in a second direction.

No. of Pages: 52 No. of Claims: 30

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: MULTI-LAYER CIRCUIT BOARD AND MANUFACTURING METHOD THEREOF

(51) International classification	:H05K1/02,H05K3/46	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2011/074807	China China
Filing Date	:27/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)DING Li
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

(57) Abstract:

A multilayer circuit board is provided which includes multiple core boards (1) stacked together. The core board (1) includes an insulation layer and at least one conductor layer attached together. The conductor layer includes a circuit. The core board (1) has at least one identification conductor (11) disposed at an edge of at least one conductor layer. The identification conductor (11) forms an identification pattern on a side surface of the core board (1) along a stacking direction of the core boards. The identification patterns of the multiple core boards (1) are different from each other on the side surface of the multilayer circuit board along the stacking direction of the core boards. A manufacturing method of the multilayer circuit board is further provided.

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

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: PARTITION SCHEME IN HETEROGENEOUS NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W72/14 :61/357,878 :23/06/2010 :U.S.A. :PCT/US2011/041643 :23/06/2011	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant:5775 Morehouse Drive San Diego California 92121 USA U.S.A. (72)Name of Inventor: 1)LUO Tao
 (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)MONTOJO Juan 3)YOO Taesang

(57) Abstract:

When there are different power classes of base stations (BSs) there may be a need to coordinate transmission from the different BSs to reduce interference to a user equipment (UE) on both control channels and data channels. There are different ways of coordination. For some embodiments time division multiplex (TDM) resource partitioning may be performed across BSs on a subframe level. TDM resource partitioning may avoid control channel interference since resource mapping on time and frequency for control channels may span the whole frequency domain. However the data rate for the UE may be limited due to the TDM partitioning of subframes. In other words a limitation may derive from control channel interference coordination. For some embodiments a UE may transmit and/or receive in subframes other than the ones partitioned for the UE.

No. of Pages: 36 No. of Claims: 32

(22) Date of filing of Application :27/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : RATE MATCHING FOR DATA AND CONTROL CHANNELS IN WIRELESS COMMUNICATION 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 	:21/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: 5775 Morehouse Drive San Diego California 92121 USA (72)Name of Inventor: 1)MONTOJO Juan 2)CHEN Wanshi 3)LUO Tao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In co-channel heterogeneous networks subframes may be partitioned between several evolved Node Bs (eNBs) including eNBs of different power classes. Lower power eNBs may have a reduced range due to interference from neighboring higher power eNBs. Rate matching on the UE allows the UE during communication with a low power eNB to avoid transmitting on Resource Elements (REs) which experience interference from common resource signals of an interfering base station.

No. of Pages: 43 No. of Claims: 68

(22) Date of filing of Application :27/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD AND SYSTEMS FOR THE MANAGEMENT OF NON VOLATILE ITEMS AND PROVISIONING FILES FOR A COMMUNICATION DEVICE WITH MULTIPLE SERVICE ACCOUNTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/05/2011 : NA :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 USA (72)Name of Inventor: 1)TUGNAWAT Yogesh 2)THAKKAR Samir B. 3)OOSTRA Billy A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and systems enable communication devices equipped with software defined radio based chipset modules to seamlessly reprogram the communication device to operate on any of a variety of service provider networks. By re-programming a communication device equipped with software defined radio based chipset module the communication device can support communications over both UMTS and CDMA communication networks. An environment is provided which allows a user to quickly and efficiently switch between service provider accounts supporting communications.

No. of Pages: 58 No. of Claims: 32

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SEPARATION METHOD

(51) International classification	:B01D7/00,C22B34/10	(71)Name of Applicant:
(31) Priority Document No	:2010901904	1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
(32) Priority Date	:04/05/2010	RESEARCH ORGANISATION
(33) Name of priority country	:Australia	Address of Applicant :Limestone Avenue Campbell
(86) International Application No	:PCT/AU2011/000516	Australian Capital Territory 2612 Australia
Filing Date	:04/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)Andrew CHRYSS
(61) Patent of Addition to Application	:NA	2)Andreas MONCH
Number	:NA	3)Jasbir KHOSA
Filing Date	.11/1	4)Matthew RICHARDS
(62) Divisional to Application Number	:NA	5)David FREEMAN
Filing Date	:NA	

(57) Abstract:

A process for recovering metal from a process material comprising the metal and a component that is more volatile than the metal which process comprises: transporting the process material in a retort provided in a furnace the retort being operated under vacuum and at a temperature sufficient to cause sublimation of the component from the process material thereby producing purified metal; depositing the component that has been sublimed on a cool surface; removing purified metal from the retort; and removing deposited component from the cool surface.

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: CELLULAR BENDING MOULD

(51) International classification	:C03B23/035	(71)Name of Applicant:
(31) Priority Document No	:1053859	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:19/05/2010	Address of Applicant :18 Avenue dAlsace F-92400
(33) Name of priority country	:France	Courbevoie France
(86) International Application No	:PCT/FR2011/051121	(72)Name of Inventor:
Filing Date	:18/05/2011	1)THELLIER Herv
(87) International Publication No	: NA	2)MACHURA Christophe
(61) Patent of Addition to Application	:NA	3)LAGNEAUX Robert
Number	:NA	4)THEPOT Romain
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a mold for bending glass comprising a cellular solid material the cells of which form cavities in the molding area said cells representing more than 40% of the volume of the material. It is a low-heat-capacity tool for bending glass panes in the context of processing tempered or laminated glass. The invention also relates to a process for manufacturing the bending mold comprising the assembly of metal sheets of different shapes placed parallel to one another so as to form a cellular unit then the machining of the molding area of said unit said area being placed substantially perpendicular to the metal sheets.

No. of Pages: 25 No. of Claims: 19

(22) Date of filing of Application :12/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : COMPRESSOR ASSEMBLIES AND METHODS TO MINIMIZE VENTING OF A PROCESS GAS DURING STARTUP OPERATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F25J :61/560,976 :17/11/2011 :U.S.A. :NA :NA : NA	
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		
Filing Date	:NA	

(57) Abstract:

Systems and methods are provided for compressing a cryogenic fluid using a multi-stage compressor. Coolant in a first coolant loop cools cooling jackets of the compression stages and/or inter-stage heat exchangers and warms a pre-compression heat exchanger. The temperature of the coolant in the first heat exchanger is moderated by ambient-air heat exchange. The process fluid is electively cooled by one of the interstage heat exchangers after each of the compression stage if the temperature of the process fluid is above a temperature criterion. This enables the system to operate through a transient period (cool down period) without venting process fluid. The interstage heat exchangers are preferably bypassed when the system reaches steady-state operating temperature.

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

(21) Application No.7155/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: CHANNEL STATE INFORMATION FEEDBACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:14/02/2011 :WO 2011/103966	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard 75007 Paris France (72)Name of Inventor: 1)BAKER Matthew P. J. 2)BOCCARDI Federico
(86) International Application No	:PCT/EP2011/000670	(72)Name of Inventor:
• • • • • • • • • • • • • • • • • • • •		` /
(87) International Publication No	:WO 2011/103966	2)BOCCARDI Federico
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and method for feeding back channel state information are disclosed. The method of providing channel state information for a wireless communications channel provided between a first network node having at least one transmission antenna and a second network node having at least one reception antenna comprises the steps of: estimating a current value of at least a first type of channel state information for at least one sub channel within the channel from signals received by the at least one reception antenna over the channel from the at least one transmission antenna; determining whether the current value of the first type of channel state information varies from previously transmitted value for the first type of channel state information by at least a predetermined amount; and if so transmitting an indicator indicative of the current value for the first type of channel state information to the first network node.

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

(21) Application No.8394/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 2 (CYCLOHEXYLMETHYL) N {2 [(2S) 1] METHYLPYRROLIDIN 2 YL]ETHYL} 1 2 3 4 TETRAHYDROISOQUINOLINE 7 SULFONAMIDE

:C07D217/04,C07D401/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/311069 (32) Priority Date :05/03/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/027118 Filing Date :04/03/2011

(87) International Publication No :WO 2011/109675

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

1)SANOFI

Address of Applicant :54 rue La Botie F 75008 Paris France

(72)Name of Inventor: 1)ELENBAAS Steven

(57) Abstract:

Industrially applicable process for preparing 2 (cyclohexylmethyl) N {2 [(2S) 1 methylpyrrolidin 2 yl]ethyl} 1 2 3 4 tetrahydroisoquinoline 7 sulfonamide and salts thereof.

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

(21) Application No.8952/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: EMULSIONS USEFUL IN BEVERAGES

:NA

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A23L1/035,A23L2/52,A61K8/00 :12/748013 :26/03/2010 :U.S.A. :PCT/US2011/026265 :25/02/2011	1)CORN PRODUCTS DEVELOPMENT INC. Address of Applicant :5 Westbrook Corporate Center Westchester IL 60174 U.S.A. (72)Name of Inventor: 1)TRAN Irene
Filing Date (87) International Publication No	:WO 2011/119290	2)LI Jason
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

It has now been found that emulsions having a discrete phase volume fraction of 60% to 67% with excellent stability may be prepared using at least one low molecular weight surfactant. Such emulsions have high oil loading and a small mean particle size of less than 0.2 microns. Further such emulsions may be used in beverages without weighting agents.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: NOVEL BORONIC ACID DERIVATIVES AS ANTI CANCER AGENTS

		(71)Name of Applicant:
(51) International classification	:C07D	1)NATCO PHARMA LIMITED
(31) Priority Document No	:NA	Address of Applicant :NATCO PHARMA LIMITED NATCO
(32) Priority Date	:NA	HOUSE ROAD NO.2, BANJARA HILLS HYDERABAD PIN
(33) Name of priority country	:NA	CODE - 500 003 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ADIBHATLA KALI SATYA BHUJANGA RAO
(87) International Publication No	: NA	2)MUDDASANI PULLA REDDY
(61) Patent of Addition to Application Number	:NA	3)RAVIJANAKI RAMA RAO
Filing Date	:NA	4)KONDA VEETI SWAPNA
(62) Divisional to Application Number	:NA	5)KOTA SATYANARAYANA
Filing Date	:NA	6)BATTULA SUNEEL KUMAR
-		7)NANNAPANENI VENKAIAH CHOWDARY

(57) Abstract:

The invention relates to synthesis and anticancer activity of novel boronic acid derivatives of formula 5 or pharmaceutical acceptable salts and esters thereof. Anti cancer activity of the compounds is evaluated by in vitro study on cancer cell lines like prostate cancer, lung cancer, head and neck cancer or breast cancer.

No. of Pages: 33 No. of Claims: 7

(22) Date of filing of Application :22/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention : APPARATUS AND METHODS FOR LOCATING TRACKING AND/OR RECOVERING A WIRELESS COMMUNICATION 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 	:20/05/2011 : NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA (72)Name of Inventor: 1)SAHU Debesh Kumar 2)VEEREPALLI Sivaramakrishna 3)DUGGAL Nakul 4)DU Zhimin
	:NA :NA	3)DUGGAL Nakul 4)DU Zhimin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for enabling backward compatibility in open market handsets (OMH) is provided. The method may include determining a type of an identity module based on one or more internal parameters of the identity module and obtaining one or more credentials based at least in part on the determined the type identity module.

No. of Pages: 34 No. of Claims: 41

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR CHOOSING DISPLAY MODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/345,954 :18/05/2010 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM MEMS TECHNOLOGIES INC. Address of Applicant: 5775 Morehouse Drive San Diego California 92121 USA. (72)Name of Inventor: 1)CUMMINGS William J. 2)LEWIS Alan G. 3)TODOROVICH Mark M.
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure provides apparatus systems and methods for updating display devices. In one aspect a multi-line addressing mode may be used to update the display by writing data to multiple display lines in order to increase display refresh rate and reduce power consumption. In another aspect a line order addressing mode may be used to write data to display lines in a random or quasi-random sequence in order to minimize visible display updates. In another aspect a color processing mode may be used to forego processing color information in order to reduce power consumption and processing time.

No. of Pages: 70 No. of Claims: 77

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: APPARATUS AND METHODS FOR MANAGING OPERATOR INFORMATION

(51) International classification	:H04M1/725,H04M1/57,H04M1/2745	(71)Name of Applicant : 1)QUALCOMM Incorporated
(31) Priority Document No	:12/822,020	Address of Applicant :Attn: International IP Administration
(32) Priority Date	:23/06/2010	5775 Morehouse Drive San Diego California 92121-1714 USA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MAHESHWARI Shailesh
(86) International Application No Filing Date	:PCT/US2011/040526 :15/06/2011	2)DESAI Kushang 3)SOMANI Manisha
(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:

Apparatus and methods for managing operation information include determining (602) a home network for a wireless device and receiving (604) a call with a number identifying a calling party and a network identification identifying the network for the calling party. The apparatus and methods also include determining (606) whether the received network identification corresponds to the home network for the wireless device. In addition the apparatus and methods include displaying (610) a notification based upon the determination; and accepting (612) and/or rejecting the call based upon the notification.

No. of Pages: 42 No. of Claims: 72

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: LIGHT-EMITTING DEVICE AND METHOD FOR MANUFACTURING 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 	:H01L51/52 :10161526.8 :29/04/2010 :EPO :PCT/NL2011/050294 :29/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)NEDERLANDSE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPELIJK ONDERZOEK TNO Address of Applicant: Schoemakerstraat 97 NL-2628 VK Delft Netherlands 2)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH (72)Name of Inventor: 1)YOUNG Edward Willem Albert 2)WILSON Joanne Sarah 3)HARKEMA Stephan 4)HERMES Dorothee Christine 5)MICHELS Jasper Joost 6)VAN MOL Antonius Maria Bernardus 7)GALAND Emilie 8)FRANTZ Richard 9)KOTZEV Dimiter Lubomirov
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(57) Abstract:

A light-emitting device is disclosed comprising - an organic light-emitting diode structure (10) - an encapsulation (20 30) comprising a light-transmitting window (30) with at least a first inorganic layer (31) an organic layer (32) and a second inorganic layer (33) the organic layer (32) comprising domains of a dispersed first organic component embedded by a second component the first and the second component having a mutually different refractive index the organic layer (32) being sandwiched between the first and the second inorganic layer (31 33).

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

(21) Application No.8359/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: FUEL SUPPLY CONTROL DEVICE AND FUEL SUPPLY SYSTEM

(51) International :F02D41/04,F02D19/02,F02D19/06

classification .F02D41/04,F02D19/02,F02D19/0

(31) Priority Document No :2010071745 (32) Priority Date :26/03/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/050158

No :07/01/2011

Filing Date :07/01/2011

(87) International Publication :WO 2011/118240

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)KEIHIN CORPORATION

Address of Applicant :26 2 Nishishinjuku 1 chome Shinjuku

ku Tokyo 1630539 Japan (72)Name of Inventor: 1)SAITO Yoshio

2)KURIYAGAWA Yohei

Disclosed is a fuel supply control device for performing the energization control of a shutoff valve having a first valve element which is disposed in a fuel supply path from a gaseous fuel tank to a regulator and opens first at the time of energization and a second valve element which is made open by the pressure difference reduction between the upstream and the downstream after the opening of the first valve element and fuel injection control. The fuel supply control device is provided with a control unit for setting the delay time from the energization start time of the shutoff valve to fuel injection start time in accordance with first fuel pressure of the upstream of the shutoff valve and second fuel pressure of the downstream of the regulator and starting fuel injection after the elapse of the delay time from the energization start time of the shutoff valve.

No. of Pages: 52 No. of Claims: 8

(21) Application No.1212/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: CHAIN-BENDING MACHINE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B21D 7/00 :102012220273.0 :07/11/2012 :Germany :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WAFIOS AG Address of Applicant:SILBERBURGSTRASSE 5, 72764 REUTLINGEN. Germany (72)Name of Inventor: 1)JOERG NIETHAMMER
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(57) Abstract:

A chain-bending machine for producing a chain with chain links bent from wire elements comprises a first bending station, with a first bending unit (120-1) for bending a rectilinear wire element (200) into a pre-bent wire element, also comprises a manipulator unit (150), with a gripping unit (152) for gripping the pre-bent wire element and for transporting the wire element from a first position, which is assigned to the first bending station, into a second position, which is assigned to the second bending station, and further comprises a second bending station, with a second bending unit (120-2) for bending the pre-bent wire element into a wire element which is closed essentially to form a chain link, and with devices for feeding chain links which, when the prebent wire element is being bent, can be connected to the same. The first bending unit (120-1) and the second bending unit (120-2) are offset in relation to one another in a vertical machine plane.

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

(22) Date of filing of Application :07/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: A NOVEL METHOD OF CHROME TANNAGE OF MITHUN HIDES WITH GLYOXALIC ACID

(51) International classification	:C14C3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL RESEARCH CENTRE ON MITHUN
(32) Priority Date	:NA	(I.C.A.R)
(33) Name of priority country	:NA	Address of Applicant :JHARNAPANI, MEDZIPHEMA,
(86) International Application No	:NA	NAGALAND - 797106 Nagaland India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. GOUTAM MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)DR. CHANDAN RAJKHOWA
Filing Date	:NA	3)DR. KISHORE KUMAR BARUAH
(62) Divisional to Application Number	:NA	4)DR. KRUSHNA CHANDRA DAS
Filing Date	:NA	5)DR. BUDDHADEB CHATTOPADHYAY

(57) Abstract:

According to this invention there is provided a method of a novel method for the chrome tannage of mithun hides with glyoxalic acid comprising the steps of: treating the bricked mithun hides with glyoxalic acid, and then subjecting the glyoxalic treated hides to the step of chrome tannage.

Reaction of Glyoxalic Acid with Primary Amines

Chemical Structure of Glyoxalic Acid

$$R-NH_2+OHC-CO_2H \xrightarrow{\hspace*{1cm}} R-NH-C-CO_2H \xrightarrow{\hspace*{1cm}} R-N=C-CO_2H$$

$$Primary Glyoxalic Hemiaminal Schiff-Base$$

$$Arine Acid 1:1 Addition Compound$$

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

(22) Date of filing of Application :07/11/2012

(43) Publication Date: 09/05/2014

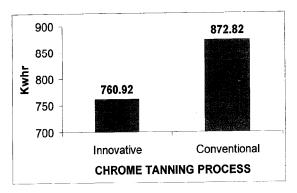
(54) Title of the invention: AN ENERGY EFFICIENT POST TANNING PROCESS FOR MITHUN HIDES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D251/44 :NA :NA :NA	(71)Name of Applicant: 1)NATIONAL RESEARCH CENTRE ON MITHUN (I.C.A.R) Address of Applicant: JHARNAPANI, MEDZIPHEMA, NAGALAND - 797106 West Bengal India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)DR. GOUTAM MUKHERJEE
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA :NA	2)DR. CHANDAN RAJKHOWA 3)DR. BISWAJIT DEBNATH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)DR. CHANCHAL MONDAL 5)DR. KISHORE KUMAR BARUAH 6)DR. KRUSHNA CHANDRA DAS 7)DR. BUDDHADEB CHATTOPADHYAY

(57) Abstract:

An energy efficient post tanning process for mithun hides comprising the steps of: subjecting the raw material to the step of rehydration; neutralizing & retanning the rehydrated product; dyeing the product and subjecting the dyed product to the step of fatliquoring.





No. of Pages: 28 No. of Claims: 8

(22) Date of filing of Application :07/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention : AN IMPROVED WHEEL MOUNTED EXTENDED PLATFORM BASED CABLE REELING SYSTEM IN A WING TRIPPER.

(51) International classification	:E21B37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(86) International Application No	:NA	Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VERMA AMRESH KUMAR
(61) Patent of Addition to Application Number	:NA	2)PURANIK TUSHAR
Filing Date	:NA	3)DUTTA TAPAS KANTI
(62) Divisional to Application Number	:NA	4)NIGAM AVINASH CHANDRA
Filing Date	:NA	

(57) Abstract:

The present invention relates to a cable reeling system for electrical power supply to a wing tripper machine in a Raw Material Handling Plant involving structurally extended wheel mounted movable platform having a cable reeling drum and associated equipment mounted thereon. Importantly, the cable reeling drum based current collector system according to the present invention comprises the stall torque motor operated cable reeling drum with gearbox, cable guide arrangement with tension limit switch, tension relieving anchor with bollard, electrical panel and resistance box used for controlled payout and rewind throughout the travel length of travel by the wing tripper and laying of the cable on ground. Advantageously, the power feeding point is provided in the middle of the travel length whereby cable gets laid on both sides of the mid point on payout and gets winded up in rewind due to bi-directional payout and rewind capability of the cable reeling drum system.

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

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: TAMPER PROOF HINGED LID CLOSURE WITH ACTUATING PART

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D47/08 :10 2011 112 615.9 :08/09/2011 :Germany :PCT/EP2012/003509 :17/08/2012 :WO 2013/034246 :NA :NA :NA	(71)Name of Applicant: 1)KRALLMANN KUNSTSTOFFVERARBEITUNG GMBH Address of Applicant: Siemensstrasse 24 32120 Hiddenhausen Germany (72)Name of Inventor: 1)GONNERT Peter 2)KRALLMANN Kerstin 3)KRALLMANN Rainer
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(57) Abstract:

The invention relates to a plastic hinged lid closure (10) for placing on a container which comprises a base part (11) with a dispenser opening (12) a lid (16) which is mounted on the base part and which in a closure position in which it rests on the base part closes the dispenser opening (12) and an actuating part (20) which is connected integrally to the base part (11) and is mounted thereon such that it can be adjusted between a rest position and an actuating position. If the actuating part (20) is located in the actuating position the lid (16) can be adjusted out of the closure position into an open position. The actuating part (20) is connected to the base part (11) via at least one flexible connecting piece (21) which is used as a predetermined breaking point the connecting piece being destroyed when the actuating part (20) is first adjusted into the actuating position.

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

(22) Date of filing of Application :02/11/2012

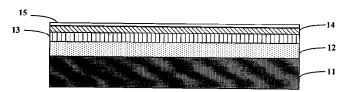
(43) Publication Date: 09/05/2014

(54) Title of the invention: WEATHERPROOF HIGH-REFLECTION PLATE AND MANUFACTURING METHOD THEREOF.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G09F13/22 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)XXENTRIA TECHNOLOGY MATERIALS CO., LTD Address of Applicant: NO. 168, LANE 256, YI LIN RD., RENDE DIST., TAINAN CITY 71752, (R.O.C.). Taiwan (72)Name of Inventor: 1)HUNG-LING TSAI
 (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	

(57) Abstract:

The present invention relates to a weatherproof high-reflection plate and a manufacturing method thereof and comprises a main reflection layer, a preconditioning layer, a reflecting enhancement layer and a transparent protective layer: the main reflection layer consists of aluminum, aluminum alloy or a combination thereof; the preconditioning layer is an oxide layer formed on the main reflection layer; the reflecting enhancement layer covers the preconditioning layer; the transparent protective layer is fluorocarbon paint coated on the reflecting enhancement layer. As such, the weatherproof high-reflection plate features waterproof and anti-corrosion surface and superior reflectivity in wavelength coverage of visible light.



No. of Pages: 15 No. of Claims: 18

(43) Publication Date: 09/05/2014

(19) INDIA

(22) Date of filing of Application :05/11/2013

(54) Title of the invention: A CUTTING TOOL AS WELL AS A HOLDER BLADE THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:Sweden :NA	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S-811 81 Sandviken, Sweden Sweden (72)Name of Inventor: 1)TÖRNSTRÖM, Roger
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a cutting tool that is intended above all for tube cutting machines and includes a tool holder and a dismountable holder blade having replaceable cutting inserts, the tool holder including a basic body (10) as well as a support body (11) for the holder blade (7). According to the invention, between the basic body (10) and the support body (11), there is arranged a set-up body (12), by means of which the support body and thereby the holder blade can be set and fixed in the exact, desired spatial positions in the machine without time-consuming measuring and fine adjustment operations. In addition, the holder blade is fixed in the support body by means of a single simple screw, which allows a flexible mounting and dismounting of the same.

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

(22) Date of filing of Application :03/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHODS AND NODES FOR COORDINATING UPLINK TRANSMISSIONS IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W72/04 (71)Name of Applicant: (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) :61/522810 (32) Priority Date :12/08/2011 Address of Applicant: S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No 1)SIOMINA Iana :PCT/SE2012/050752 Filing Date .29/06/2012 2)BALDEMAIR Robert (87) International Publication No :WO 2013/025158 3)KAZMI Muhammad (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and nodes for coordinating uplink transmissions in a victim cell and in an aggressor cell. The uplink transmissions in the aggressor cell potentially cause interference at a victim radio node receiving or measuring uplink signals transmitted in the victim cell. A coordinating node obtains (200) an indication of an uplink pattern of interference protected resources in frequency and time where uplink transmissions are allowed to be scheduled in the victim cell but not in the aggressor cell. The coordinating node then signals (202) the indication to an aggressor radio node serving the aggressor cell and/or to the victim radio node. When a radio node receives (204) the signaled indication it uses (206) the uplink pattern for scheduling uplink transmissions in one or both of the victim cell and the aggressor cell or for configuring a measurement or signal reception. The coordinating node may be the victim radio node (302) or the aggressor radio node (300) or a network node (304) signalling the indication to one or both of the victim radio node and the aggressor radio node.

No. of Pages: 65 No. of Claims: 36

(21) Application No.475/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 07/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: DC VOLTAGE CIRCUIT BREAKER

(51) International :H02H3/02,H02H3/087,H03K17/18

classification

(31) Priority Document No :10 2011 083 693.4 (32) Priority Date :29/09/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/067276

:05/09/2012 Filing Date

(87) International Publication

:WO 2013/045238 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) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor: 1)GAXIOLA Enrique

2)VOGELSANG Jakob

(57) Abstract:

The invention identifies a DC voltage circuit breaker having a first to fourth node wherein a first interrupter is arranged between the first node and the fourth node a second interrupter is arranged between the fourth node and the third node a pulse generator circuit is arranged between the fourth node and the second node wherein the pulse generator circuit comprises a parallel circuit from a capacitor to a series circuit comprising an inductor and a switch a first energy absorber is arranged between the third node and the second node.

No. of Pages: 22 No. of Claims: 6

(22) Date of filing of Application :05/11/2012

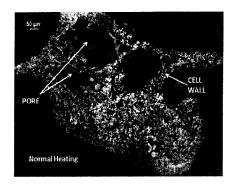
(43) Publication Date: 09/05/2014

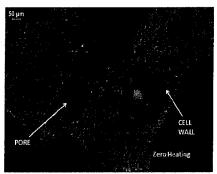
(54) Title of the invention: A METHOD OF PRODUCTING COKE

(51) International classification	:C10B39/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001,INDIA Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANIKET RAM BODEWAR
(61) Patent of Addition to Application Number	:NA	2)BIDYUT DAS
Filing Date	:NA	3)PRADIP KUMAR BANERJEE
(62) Divisional to Application Number	:NA	4)SUJIT KUMAR HALDA
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of producing coke, the method comprising the steps of preparing a coal charge; carbonizing the coal charge in the oven over a total cycle duration at a flue temperature in the range of 1000 to 1400 degrees Centigrade; allowing said carbonized coal to soak; and stopping the heat input to the oven after a predetermined time.





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

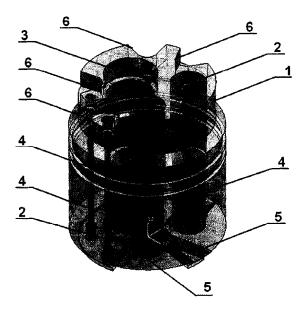
(22) Date of filing of Application :05/11/2012

(43) Publication Date: 09/05/2014

(54) Title of the invention: AN IMPROVED TUBING HANGER WITH A SINGLE BORE TWO PORTS FOR ELECTRIC SUBMERSIBLE PUMPS AND FOUR CONTROL LINES TO CONTROL DOWN HOLE OPERATIONS OF OIL-WELL

(57) Abstract:

The invention relates to An improved tubing hanger with a single bore, two ports for electric submersible pumps and four control lines to control down hole operations of oil-well, comprising: ports for two nos of Electric Submersible Pump cable (2) specific to make of the cable; at least four control line exits (4) of size ranging upto ½ inch, in addition to said cable port (2); a plurality of pockets (6) for easy installation and retrieval of the control line exits on the top surface of the hanger, wherein the hanger body (1) having a provision for threading so as to allow suspending the tubing and lifting the tubing during drilling and exploration operation, wherein a back pressure valve is disposed enabling quick and easy repair of the X mas tree.



No. of Pages: 7 No. of Claims: 1

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DEVICE AND METHOD FOR PROTECTING A CONSUMER

(51) International :H02H7/08,H02P29/02,H02H7/085

:WO 2013/037417

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

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

No :16/09/2011

Filing Date :16/09/2011

(87) International Publication No

(61) Patent of Addition to
Application Number

NA

Filing Date

(62) Divisional to Application

Number

NA

NA

NA

(71)Name of Applicant:

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor: 1)BEHRINGER Klaus

2)MAIER Martin 3)PFITZNER Klaus

4)RÖSCH Bernhard

(57) Abstract:

Filing Date

The invention relates to a device (1) for protecting a consumer (2) with a first current path (100) having two lines (101 102) and a monitoring arrangement for detecting an imminent overload of the electrical consumer (2). In order to enable the detection of an imminent overload of a consumer (2) it is proposed that the monitoring arrangement comprises a first temperature measuring unit an evaluation unit (4) and a first measuring element (10) which establishes an electrically conductive connection between the two lines (101 102) of the first current path wherein the first temperature measuring unit is electrically isolated from the first measuring element (10) and comprises a first and a second temperature sensor (11 12) wherein the first and second temperature sensor (11 12) of the first temperature measuring unit can simultaneously record a temperature of the first measuring element (10) and the evaluation unit (4) can detect an imminent overload of the consumer (2) on the basis of the recorded temperatures of the first temperature measuring unit.

No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ENERGY SAVING PUMP AND CONTROL SYSTEM FOR THE PUMP

(51) International classification: F22B35/06,F22B33/16,F22D5/26 (71) Name of Applicant: :1020110078771 (31) Priority Document No 1)YIM Joo hyuk (32) Priority Date Address of Applicant :203 802 Saemmeori Apartment 908 :08/08/2011 (33) Name of priority country Dunsan dong Seo gu Daejeon 302 120 Republic of Korea :Republic of Korea (86) International Application (72)Name of Inventor: :PCT/KR2012/006324 1)YIM Joo hyuk No :08/08/2012 Filing Date (87) International Publication :WO 2013/022276 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention relates to an energy saving pump and to a control system for the pump wherein the pump comprises: a pump body installed to receive steam from a steam generator; a steam transfer means for opening/closing a pipeline between the pump body and the steam generator; and a water supply means for opening/closing a pipeline between the pump body and a water usage space wherein the steam transfer means and the water supply means are opened to supply water to the water usage space. The present invention further relates to an energy saving pump and to a control system for the pump wherein the pump comprises: a pump body arranged to receive steam from a steam generator; a steam transfer means for opening/closing a pipeline between the pump body and the steam generator; and a suFig. 6 200 Steam transfer means 210 Temperature sensor 300 Suction means 400 Water supply means 500 Atmospheric pressure formation means 600 Steam chamber 700 Small capacity pump 800 Thermostatic means AA Water level sensor BB Temperature sensor CC Pressure sensor DD Steam energy determination module EE Pump interior determination module FF Valve opening control module GG Atmospheric pressure formation module HH Small capacity pump driving module II Thermostatic module ction means for opening/closing a pipeline between the pump body and a water source wherein the steam transfer means is closed to receive steam and then the suction means is opened to suction water from the water source.

No. of Pages: 32 No. of Claims: 19

(21) Application No.1164/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: LED COOLING STRUCTURE

(51) International classification(31) Priority Document No(32) Priority Date		DOUZHONG RD., TIANZHONG TOWNSHIP, CHANGHUA
(33) Name of priority country	:U.S.A.	COUNTY R.O.C. Taiwan
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)YEH, CHAO-CHIN
(87) 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 LED cooling structure includes a substrate having a circuit layout and one or a number of thermally conductive plates arranged on the top wall thereof, one or a plurality of through holes cut through the opposing top and bottom walls thereof and a thermally conductive post mounted in each through hole and connected with the thermally conductive plates, and one or a number of light-emitting devices mounted at the substrate and electrically connected to the circuit layout with the bottom side thereof kept in contact with one respective thermally conductive plate for quick dissipation of heat.

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

(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HERBAL COMPOSITION AND MEDICAMENT FOR TREATING MALARIA.

 (51) International 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 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)SINGH MADDI Address of Applicant: VILLAGE-KABLA, POST-BUDHAULI, DISTRICT-NAWADA, BIHAR-805124, INDIA Bihar India (72)Name of Inventor: 1)SINGH MADDI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A herbal composition for treatment of malaria; the composition comprising predefined amount of Teramnus labialis, Pongamia pinnata and Adhatoda vasica. The method for the preparation of said composition is also disclosed herein. A medicament comprising said composition and a method for the preparation of the medicament is also disclosed herein.

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

(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: HERBAL MEDICAMENT FOR TREATING MALARIA

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)DEVI GUNJA Address of Applicant: VILL-PARASI, POST-ECHAK, DISTRICT-HAZARIBAUG, JHARKHAND-825402, INDIA
(86) International Application No Filing Date	:NA :NA	Jharkhand India (72)Name of Inventor:
(87) International Publication No	: NA	1)DEVI GUNJA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Herbal medicaments for treatment of Malaria. The said medicaments comprising predefined amount of Epipremnum aureum. It can be administered orally or injected intravenously, subcutaneously, etc or by any other suitable route of administration. The method for the preparation of the said herbal medicament is disclosed herein.

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :04/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTING NEIGHBOR CELLS IN MOBILE COMMUNICATION SYSTEM

(51) International :H04W48/16,H04W48/08,H04W48/20 classification

(31) Priority Document No :61/543475

(31) Priority Document No :61/3434/5 (32) Priority Date :05/10/2011 (33) Name of priority

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

(86) International Application No :PCT/KR2012/008033

Filing Date :04/10/2012

(87) International Publication No :WO 2013/051853

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to
Application Number
Filing Date

: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)JANG Jae Hyuk 2)KIM Soeng Hun

3)JEONG Kyeong In

(57) Abstract:

A neighbor cell search method and apparatus of a User Equipment (UE) is provided for performing the cell search procedure with the utilization of a Physical Cell Identity (PCI) list of PCIs used by evolved Node Bs (eNBs) for a Closed Subscriber Group (CSG) which is from an eNB in a Long Term Evolution (LTE) system. The cell search method includes selecting a cell of a base station receiving system information including a Physical Cell Identity (PCI) list used by neighbor Closed Subscribed Group (CSG) cells of the base station determining whether the terminal is in an any cell selection state for selecting any cell and searching when the terminal is in the any cell selection state neighbor cells without application of the PCI list. The cell search method and apparatus are capable of performing the cell search procedure to appropriate eNBs resulting in improvement of network attachment efficiency.

No. of Pages: 28 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: THROUGHPUT IMPROVEMENT IN WIRELESS 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 	:H04L1/18,H04L1/00 :13/208392 :12/08/2011 :U.S.A. :PCT/IB2012/054098 :10/08/2012 :WO 2013/024414 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)MOHAMMADI Arezou 2)MAH Edward
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.499/KOLNP/2014 A

(57) Abstract:

Systems and methods are disclosed for improving throughput in a wireless system utilizing Hybrid Automatic Repeat Request (HARQ) retransmission. In general prior to a HARQ enabled transmission one or more channel conditions for a corresponding transmit channel are obtained. Based on the one or more channel conditions a set of target block error rates for the HARQ enabled transmission are determined. In one embodiment the set of target block error rates maximize throughput for the transmit channel utilizing HARQ retransmission. In another embodiment the set of target block error rates optimize throughput and one or more additional parameters for the transmit channel utilizing HARQ retransmission.

No. of Pages: 47 No. of Claims: 36

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : DOUBLE CYLINDER CIRCULAR HOSIERY KNITTING MACHINE WITH DEVICE FOR TENSIONING THE MANUFACTURE

(51) International classification: D04B9/10,D04B9/40,D04B15/92 (71) Name of Applicant: (31) Priority Document No :MI2011A001686 1)LONATI S.P.A. (32) Priority Date Address of Applicant: Via Francesco Lonati 3 I 25124 Brescia :19/09/2011 (33) Name of priority country :Italy (86) International Application (72)Name of Inventor: :PCT/EP2012/064423 1)LONATI Ettore :23/07/2012 Filing Date 2)LONATI Tiberio (87) International Publication 3)LONATI Fausto :WO 2013/041269 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A double cylinder circular hosiery knitting machine with device for tensioning the manufacture during its production comprising a supporting structure (2) which is provided with a footing (3) and supports so as to allow rotation about its own vertically oriented axis (4) a lower needle cylinder (5) and an upper needle cylinder (7) which can be positioned during the production of the manufacture (12) above and coaxially with respect to the lower needle cylinder (5). The needle cylinders (5 7) are actuatable with a rotary motion about their axes (4 6) with respect to the supporting structure (2) and a device (1 1) for tensioning the manufacture (12) during its production is accommodated inside the needle cylinders (5.7) and comprises means (13) for retaining the manufacture (12) proximate to the region where knitting is formed by the needles (10) accommodated in the needle cylinders (57) and a tensioning tube (14) which is accommodated in the upper needle cylinder (7) and is movable on command along the axis (6) of the upper needle cylinder (7). The lower end of the tensioning tube (14) is engageable by sliding along the axis (6) of the upper needle cylinder (7) with the region of the manufacture (12) being formed that lies from the retention means (13) to the needles (10). The retention means (13) have a size suitable to allow the movement of the tensioning tube (14) about the retention means (13) and means (15) for the translational motion of the tensioning tube (14) along the axis (6) of the upper needle cylinder (7) are provided. The retention means (13) comprise a suction tube (16) which is accommodated internally and coaxially to the lower needle cylinder (5) and an element (17) for locking the manufacture (12) which faces the upper end of the suction tube (16) and is supported by the upper needle cylinder (7). The locking element (17) is movable on command along the axis (6) of the upper needle cylinder (7) to engage or disengage the upper end of the suction tube (16).

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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD AND DEVICE FOR BUILDING MOTION VECTOR LIST FOR USE IN MOTION VECTOR 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 	:H04N7/32 :201210377579.4 :08/10/2012 :China :PCT/CN2013/073817 :07/04/2013 :WO 2014/056314 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)LIN Yongbing
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(57) Abstract:

The present invention relates to the field of video coding. Provided are a method and device for building a motion vector list for use in motion vector prediction solving the problem that a serial mode is employed to build the motion vector lists of at least two PUs in a same coding unit thus increasing parallel processing capabilities. Specifically comprised are: acquiring adjacent blocks on a spatial domain of a current prediction block where the current prediction block is located in a current coding unit; determining applicable adjacent blocks of the current prediction block on the basis of the division mode of the current coding unit where the applicable adjacent blocks are located external of the current coding unit; acquiring motion vector predictors from the applicable adjacent blocks on the basis of the motion vector predictors of the adjacent blocks and according to a predetermined order and adding the acquired motion vector predictors into the motion vector list. This is applicable in building motion vector lists.

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

(21) Application No.505/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: INDUSTRIAL GEARING

(51) International :F16H1/20,F16H57/04,F16H57/022

classification (31) Priority Document No :11183304.2

(32) Priority Date :29/09/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/069206

:28/09/2012 Filing Date

(87) International Publication :WO 2013/045625

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) SIEMENS AKTIENGESELLSCHAFT

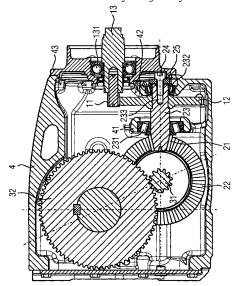
Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor: 1)SCHNURR Wolfgang 2)ALLGAIER Peter

(57) Abstract:

The invention relates to an industrial gearing which has a bevel gear stage which comprises at least one bevel gear (22) and a bevel pinion (21) which meshes with said bevel gear. The bevel gear (22) and the bevel pinion (21) are surrounded by a gearing housing (4) which comprises bearing seats for a bevel gear shaft and a bevel pinion shaft (23). A first and a second bevel pinion shaft bearing (231 232) are provided in an O type arrangement. Here the first bevel pinion shaft bearing (231) is arranged at a first end which faces toward the bevel pinion (21) of the bevel pinion shaft (23) whereas the second bevel pinion shaft bearing (232) is arranged on a second end which faces away from the bevel pinion (21) of the bevel pinion shaft (23). Axially between the first and the second bevel pinion shaft bearing (231 232) there is arranged a toothed wheel (12) of a drive input side spur gear stage which toothed wheel is connected rotationally conjointly to the bevel pinion shaft (23) and meshes with a drive input pinion (11) of the spur gear stage.



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

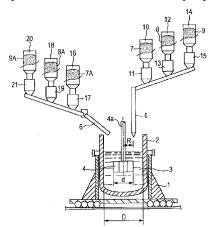
(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR DESULFURIZING HOT METAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 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 (17) Filing Date (18) Filing Date (19) Filing Date (19) 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	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN (72)Name of Inventor: 1)YOSHIE NAKAI 2)NAOKI KIKUCHI 3)IKUHIRO SUMI 4)YUICHI UCHIDA 5)YUJI MIKI 6)YASUO KISHIMOTO 7)MASAKI KOIZUMI 8)TAKASHI YAMAUCHI 9)KENJI SHIOTSUKI
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(57) Abstract:

[Object] When hot metal is desulfurized using a mechanical stirring desulfurization facility, the hot metal is efficiently desulfurized by efficiently adding a highly reactive fine-particle CaO-based desulfurization agent to the hot metal. [Solution] In a method for desulfurizing hot metal using a mechanical stirring desulfurization facility, top addition of desulfurization slag or a CaO-based desulfurization agent is performed onto a bath surface of hot metal in a process container before stirring or a bath surface of hot metal that is being stirred with an impeller in a process container; and, one to six minutes after stirring of the hot metal with the impeller is started in a case where the top addition of the desulfurization slag or the CaO-based desulfurization agent is performed onto the bath surface of the hot metal before stirring or one to six minutes after the top addition is completed in a case where the top addition of the desulfurization slag or the CaO-based desulfurization agent is performed onto the bath surface of the hot metal that is being stirred, a desulfurization treatment is performed by blasting a CaO-based desulfurization agent through a top lance together with a carrier gas at a position at which the relationship represented by formula (2) below is satisfied. $d/3 \le R \le (D + d/2)/3...(2)$.



No. of Pages: 52 No. of Claims: 3

(22) Date of filing of Application :07/03/2014 (43) Publication Date: 09/05/2014

(54) Tit of the invention: AQUEOUS DISPERSION AND COATING USING SAME PHOTOCATALYTIC FILM AND PRODUCT

(51) International :B01J35/02,B01J23/30,B01J23/652 classification

(31) Priority Document No :2012126577 (32) Priority Date :01/06/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/003468

:31/05/2013 Filing Date

(87) International Publication :WO 2013/179681 No

(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)KABUSHIKI KAISHA TOSHIBA

Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo

1058001 Japan

2)TOSHIBA MATERIALS CO. LTD.

(72)Name of Inventor: 1)FUKUSHI Daisuke 2)KUSAKA Takao 3)SATO Akira 4)NAKANO Kayo 5)NITSUTA Akihisa

6)INUI Yukiko 7)OOTA Hiroyasu

An aqueous dispersion of an embodiment is provided with a visible light responsive photocatalytic composite microparticulate containing tungsten oxide and zirconium oxide and an aqueous dispersion medium in which the photocatalytic composite

microparticulate has been dispersed. The ratio of zirconium oxide to tungsten oxide in the photocatalytic composite microparticulate is 0.05 200 percent by mass and the D50 particle size in the grain size distribution is 20 to 10 µm. The pH of the aqueous dispersion is 1

to 9.

No. of Pages: 37 No. of Claims: 20

(21) Application No.530/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: ROLLING MILL AND DEVICE AND METHOD FOR DETERMINING THE ROLLING OR GUIDING GAP OF THE ROLL STANDS OR GUIDE STANDS IN A MULTI STAND ROLLING MILL

(51) International classification	:B21B38/10	(71)Name of Applicant :
(31) Priority Document No	:10 2011 113 135.7	1)SMS MEER GMBH
(32) Priority Date	:14/09/2011	Address of Applicant :Ohlerkirchweg 66 41069
(33) Name of priority country	:Germany	Mönchengladbach Germany
(86) International Application No	:PCT/DE2012/000909	(72)Name of Inventor:
Filing Date	:14/09/2012	1)HAVERKAMP Mark
(87) International Publication No	:WO 2013/037350	
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(57) Abstract:

The invention relates to a method for determining the rolling or guiding gap of the roll stands or guide stands in a multi stand rolling mill wherein a comparison scale (40) is positioned at at least one stand preferably at the first and the last stand and subsequently the rolling or guiding gap of the respective stand is determined. In said method a camera (60) is arranged at one of the input or output sides and a transmitter (35) for reference means a reference transducer and/or a reference scale is arranged at the other of the input or output sides before the comparison scale (40) is positioned such that adjustment operations at the camera can subsequently be avoided.

No. of Pages: 40 No. of Claims: 32

(21) Application No.531/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: LEVEL MEASUREMENTS IN METALLURGICAL VESSELS

(51) International classification: G01F23/26,B22D2/00,F27D21/00 (71)Name of Applicant: (31) Priority Document No 1)AGELLIS GROUP AB :11508363 (32) Priority Date :15/09/2011

(33) Name of priority country :Sweden

(86) International Application :PCT/SE2012/050956

Filing Date

:11/09/2012

(87) International Publication

:WO 2013/039446

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

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

Address of Applicant: Tellusgatan 15 S 22457 Lund Sweden

(72)Name of Inventor: 1)WILHELMSSON Tomas

(57) Abstract:

The vertical filling level of electrically conductive material in a cavity (3) of a metallurgical vessel is measured by a system comprising a transmitting conductor (5) for generating an electromagnetic field when connected to an alternating power source and a receiving conductor (6) which is arranged to sense the electromagnetic field for generation of an output signal. The transmitting and receiving conductors (5 6) are arranged inside a metal casing of the vessel to co extend with a mutual spacing to define a spacing area (7) that faces the cavity (3) and extends along the periphery of the cavity (3) in an essentially closed loop. The mutual spacing is selected such that changes in the output signal is dominated by changes to the electromagnetic field caused by local changes in the amount of the conductive material adjacent to the spacing area (7). At least part of the spacing area (7) defines a vertical measurement region in which the spacing area (7) is slanted along the periphery so as to diverge from the horizontal and vertical directions of the vessel. Thereby the spacing area (7) may be adapted to any shape of the cavity (3) so as to design the system with any desired transfer function e.g. linear without turning points outside the extent of the vertical measurement region.

No. of Pages: 29 No. of Claims: 22

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

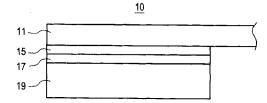
(43) Publication Date: 09/05/2014

(54) Title of the invention: WINDOW MEMBER FOR A PORTABLE TERMINAL AND METHOD FOR FABRICATING SAME

(31) Priority Document No :10-201 012377	Address of Applicant :129, SAMSUNG-RO YEONGTONG- 012 GU, SUWON-SI, GYEONGGI-DO 443-742, Republic of Korea ic (72)Name of Inventor :
--	---

(57) Abstract:

A window member and a method for fabricating the same. The window member includes a glass member, a semi-transparent printed layer formed on the glass member, and a metal or metal oxide layer formed on the semi-transparent printed layer. In some embodiments, the semi-transparent printed layer includes embossments formed on a surface thereof facing the metal or metal oxide layer, or contains an additive to generate virtual embossments.



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

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: OUTDOOR UNIT FOR AIR CONDITIONING 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 	:2011215047 :29/09/2011 :Japan :PCT/JP2012/075021 :28/09/2012 :WO 2013/047721 :NA :NA	(71)Name of Applicant: 1)DAIKIN INDUSTRIES LTD. Address of Applicant: Umeda Center Building 4 12 Nakazaki Nishi 2 chome Kita ku Osaka shi Osaka 5308323 Japan (72)Name of Inventor: 1)KAMITANIShigeki 2)KAGAWAMikio 3)KOIKEFumiaki 4)FUCHIKAMIHiroshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An outdoor unit for an air conditioner is provided with an outdoor unit body (5) a heat exchanger (13) which is housed within the outdoor unit body (5) an air blowing fan (23) which is provided at the upper part of the outdoor unit body (5) and which upwardly discharges air sucked from a side face of the outdoor unit body (5) an air passage member (30a) which surrounds the outer periphery of the air blowing fan (23) and which forms an air discharge opening; and an electric component unit (38) which is housed within the outdoor unit body (5) and which is disposed in the opening (36) between one side face (32a) and the other side face (35a) of the heat exchanger (13). The electric component unit (38) is provided so as to vertically straddle the lower end of the air passage member (30a). Above the lower end of the air passage member (30a) in the horizontal direction.

No. of Pages: 48 No. of Claims: 11

(21) Application No.517/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: HYBRID GAMING SYSTEM AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G07F17/32 :13/245682 :26/09/2011 :U.S.A. :PCT/US2012/029509	(71)Name of Applicant: 1)MERATI Bruce Address of Applicant: 12648 Caminito Radiante San Diego California 92130 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:16/03/2012 :WO 2013/048560 :NA :NA	1)MERATI Bruce
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for providing gaming services to remote game players. In one embodiment a method comprises providing one or more player game values to a first remote game player and a second remote game player and receiving one or more mechanically generated contingent game values by a processor the one or more mechanically generated contingent game values representing a number of game values needed to ensure game completion for each of the two or more remote game players. The method further comprises revealing one or more of the one or more mechanically generated contingent game values to the first remote game player and the second remote game player over a communication network and determining a final game result for the first and second remote game players based on at least the one or more mechanically generated contingent game values revealed to the players and the player game values.

No. of Pages: 64 No. of Claims: 20

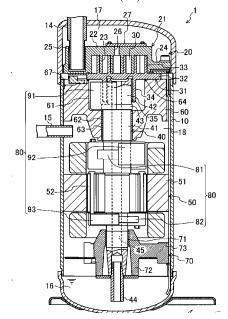
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: SCROLL COMPRESSOR

(51) International classification	:F04C18/02	(71)Name of Applicant:
(31) Priority Document No	:2011-218356	1)DAIKIN INDUSTRIES,LTD
(32) Priority Date	:30/09/2011	Address of Applicant :Umeda Center Building, 4-12,
(33) Name of priority country	:Japan	Nakazaki-Nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323,
(86) International Application No	:PCT/JP2012/006188	JAPAN
Filing Date	:27/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/046692	1)Takashi UEKAWA
(61) Patent of Addition to Application	:NA	2)DAIKIN INDUSTRIES,LTD.
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention inhibits the decline of bearing force during high-speed rotation by inhibiting the deflection of a crank shaft which occurs when balancing the centrifugal force of a movable scroll during rotation. A scroll compressor (1) is provided with two balance weights (81, 82) for balancing the centrifugal force of a moveable scroll (31) during rotation, and three balanced deflection inhibiting weights (91, 92, 93) for inhibiting the deflection of a crank shaft (40) which occurs when balancing the centrifugal force of the moveable scroll (31) and the centrifugal force of the balance weights (81, 82).



No. of Pages: 32 No. of Claims: 5

(21) Application No.551/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: HYDRAULIC SYSTEM WITH SUCTION/RETURN 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 	:F15B21/04 :10 2011 083 874.0 :30/09/2011 :Germany :PCT/EP2012/065931 :15/08/2012 :WO 2013/045167 :NA	(71)Name of Applicant: 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant: Max-Eyth-Strasse 10, 72631 Aichtal, Germany (72)Name of Inventor: 1)VEIT, Jan-Martin 2)STASS, Markus 3)MÜNZENMAIER, Werner
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a hydraulic system, preferably for piloting and actuating a two-cylinder thick matter pump. The hydraulic system comprises a tank (68) for receiving hydraulic oil, a primary circuit having at least one hydraulic consumer (AH, MH) which has at least one primary pump (36, 38, 61, 70), which is loaded with hydraulic oil via a first suction line (42), and is connected on the outlet side to at least one first return line, and which has a suction/return filter (40) which communicates with the first suction line (42) on the outlet side and is loaded on the inlet side with return oil from the at least one return line. A special feature of the invention consists in that the first suction line (42) communicates with the tank (68) via a separate replenishing suction line (86) and a suction filter (66), wherein a replenishing suction valve (88) which is preloaded in the direction of the suction filter (66) is arranged in the replenishing suction line (86).

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

(22) Date of filing of Application :02/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: DRILL AND PRODUCTION METHOD FOR A DRILL

(51) International classification	:E21B10/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HILTI AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :FELDKIRCHERSTRASSE 100, 9494
(33) Name of priority country	:NA	SCHAAN LIECHTENSTEIN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GLASER ARNO
(87) International Publication No	: NA	2)MOSELEY STEVEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A drill includes a drill bit, an intermediate part, and a shaft. The drill bit is made from a sintered carbon-containing hard metal. The intermediate part is made from steel and arranged along an axis between the drill bit and the shaft. An activity of carbon in the steel of the intermediate part is greater at a temperature ranging from 1100°C to 1450°C man an activity of carbon in the sintered hard metal at the temperature.

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

(21) Application No.515/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: NOVEL ISOLATED BACTERIOPHAGE HAVING E. COLI SPECIFIC BACTERICIDAL ACTIVITY AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME

(51) International classification	:C12N7/00,A61K35/76,A23K1/16	(71)Name of Applicant:
(31) Priority Document No	:1020110118446	1)CJ CHEILJEDANG CORPORATION
(32) Priority Date	:14/11/2011	Address of Applicant :330 Dongho ro Jung gu Seoul 100 400
(33) Name of priority country	:Republic of Korea	Republic of Korea
(86) International Application	:PCT/KR2012/009613	(72)Name of Inventor:
No	:14/11/2012	1)KIM Jae Won
Filing Date	.14/11/2012	2)CHO Young Wook
(87) International Publication	:WO 2013/073843	3)SHIN Eun Mi
No	. W O 2013/0/3043	4)KIM Young Sa
(61) Patent of Addition to	:NA	5)YANG Si Yong
Application Number	:NA	
Filing Date	.1771	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Data		

(57) Abstract:

Filing Date

E.coliE.coliE.coliE.coliE.coliE.coliThe present invention relates to a novel bacteriophage having an specific bactericidal activity a composition for the prevention or treatment of infectious diseases caused by Enterotoxigenic comprising the bacteriophage as an active ingredient an antibiotic comprising the bacteriophage as an active ingredient a feed additive composition comprising the bacteriophage as an active ingredient and a method for treating colibacillosis using the bacteriophage. The novel bacteriophage of the present invention has a specific bactericidal activity against pathogenic and excellent acid and heat resistance. Therefore the novel bacteriophage can be used for the prevention or treatment of swine colibacillosis which is an infectious disease caused by pathogenic and can also be widely used in animal feed additive compositions sanitizers and cleaners.

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

(21) Application No.516/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: MICROORGANISM HAVING ENHANCED L VALINE PRODUCTIVITY AND METHOD FOR PRODUCING L VALINE USING THE SAME

(51) International classification:C12N1/20,C12P13/08,C12N15/01 (71)Name of Applicant: (31) Priority Document No :1020110081146 (32) Priority Date :16/08/2011 (33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2012/000856 :06/02/2012 Filing Date

(87) International Publication :WO 2013/024947

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

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

1)CJ CHEILJEDANG CORPORATION

Address of Applicant :330 Dongho ro Ssangnim dong Jung gu

Seoul 100 400 Republic of Korea

(72)Name of Inventor: 1)KIM Hye Won

2)LEE Ji Hye 3)HWANG Soo Youn 4)KIM Jong Hyun

(57) Abstract:

No

Corynebacterium glutamicumThe present invention relates to a microorganism having an enhanced L valine productivity and a method for producing L valine using the same. More particularly the present invention relates to a mutant strain that has resistance to L valine and derivatives thereof so as to have an enhanced L valine productivity and a method for producing L valine using the same.

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

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FOLATE CONJUGATES OF ALBUMIN-BINDING ENTITIES

(51) International :C07D475/04,A61K31/519,A61P35/00 classification

(31) Priority Document No:11177732.2 (32) Priority Date :17/08/2011 (33) Name of priority :EPO

country

(86) International

:PCT/EP2012/065702 Application No

:10/08/2012 Filing Date

(87) International :WO 2013/024035 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)MERCK & CIE

Address of Applicant : Im Laternenacker 5, CH-8200

Schaffhausen, SWITZERLAND

(72)Name of Inventor:

1)SCHIBLI, Roger

2)MOSER, Rudolf

3)MÜLLER, Cristina Magdalena

4)STRUTHERS, Harriet

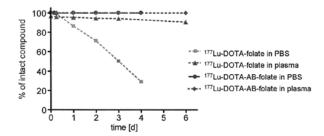
5)GROEHN, Viola

6) AMETAMEY, Simon Mensah

7)FISCHER, Cindy Ramona

(57) Abstract:

The present invention is directed towards new trifunctional folate-conjugates comprising a folate, an albumin binder and a radionuclide-based therapeutic or diagnostic moiety as well as pharmaceutical compositions thereof, their method of production and their use in diagnostic and therapeutic medical applications, such as diagnostic nuclear imaging and radionuclide therapy.



No. of Pages: 127 No. of Claims: 34

(21) Application No.553/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : THREAD WHIRLING DEVICE AND TURNING MACHINE COMPRISING A THREAD WHIRLING 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 	:10 2011 082 903.2 :18/09/2011 :Germany	(71)Name of Applicant: 1)GILDEMEISTER ITALIANA S.P.A. Address of Applicant: Via G. Donizetti 138, 24030 Brembate di Sopra (BG), ITALY (72)Name of Inventor: 1)RIGOLONE, Franco 2)ROTA, Renato 3)CAVADINI, Marco 4)MILESI, Luca
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(57) Abstract:

The invention relates to a thread whirling device (1) for producing a thread on a workpiece on a numerically controlled lathe by means of a thread whirling method, comprising a retaining structure (10) for attaching the thread whirling device (1) to the lathe, a whirling head (12) retained on the retaining structure (10), which whirling head has an opening (13) and carries one or more blades (12a to 12c) that are arranged circumferentially on the edge of the opening (13), and a first driving means, which is designed to drive the whirling head (12) rotationally about a first rotational axis (F1) that extends through the opening (13). The thread whirling device (1) also comprises a second driving means, which is designed to drive the whirling head (12) rotationally about a second rotational axis (F2) that extends perpendicular to the first rotational axis (F1) in order to align an angle between the first rotational axis (F1) and the spindle axis of the drive spindle of the lathe.

No. of Pages: 23 No. of Claims: 24

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD FOR ELIMINATING RADIOACTIVE IODINE AND HYDROPHILIC RESIN FOR ELIMINATING RADIOACTIVE IODINE

(51) International classification (31) Priority Document No	:G21F9/12,G21F9/30 :2011234739	(71)Name of Applicant: 1)DAINICHISEIKA COLOR & CHEMICALS MFG. CO.
(32) Priority Date	:26/10/2011	LTD.
(33) Name of priority country	:Japan	Address of Applicant :7 6 Nihonbashi Bakuro cho 1 chome
(86) International Application No	:PCT/JP2012/077595	Chuo ku Tokyo 1038383 Japan
Filing Date	:25/10/2012	2)UKIMA CHEMICALS & COLOR MFG. CO. LTD.
(87) International Publication No	:WO 2013/062044	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HANADA Kazuyuki
Number	:NA	2)URUNO Manabu
Filing Date	.11/1	3)KIMURA Kazuya
(62) Divisional to Application Number	:NA	4)TAKAHASHI Kenichi
Filing Date	:NA	

(57) Abstract:

The present invention is a method for eliminating radioactive iodine using a hydrophilic resin that adsorbs radioactive iodine wherein the hydrophilic resin is at least one selected from the group consisting of a hydrophilic polyurethane resin a hydrophilic polyurea resin and a hydrophilic polyurethane polyurea resin and has a hydrophilic segment and in the primary chain and/or a side chain of the structure thereof has a tertiary amino group or has a tertiary amino group and a polysiloxane segment. By means of the present invention a novel method for eliminating radioactive iodine is provided that is simple and low cost furthermore does not require an energy source such as electricity moreover can take in and stably immobilize the eliminated radioactive iodine within a solid and is capable of reducing the volume of radioactive waste as necessary.

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

(21) Application No.518/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: X RAY SYSTEM AND METHOD OF USING 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 	:A61B6/00 :61/526726 :24/08/2011 :U.S.A. :PCT/US2012/000344 :10/08/2012 :WO 2013/028219 :NA :NA	(71)Name of Applicant: 1)DAVYDOV Albert Address of Applicant:109 33 71st Road Apt. 11B Forest Hills New York 11375 U.S.A. (72)Name of Inventor: 1)DAVYDOV Albert
e e	:NA :NA	

(57) Abstract:

An X ray system including an X ray source generating X rays an X ray receptor receiving the X rays and generating X ray images a patient satellite and a server connected to the X ray source the X ray receptor and the patient satellite. The patient satellite is secured to a patient positioned between the X ray source and the X ray receptor and includes an angular orientation sensor and a distance sensor. The angular orientation sensor detects an angular orientation of the patient and outputs a signal to an operator allowing the operator to position the patient with respect to the X ray source and the X ray receptor so as to eliminate an angular distortion in the X ray images. The distance sensor measures a distance between the patient and the X ray receptor.

No. of Pages: 19 No. of Claims: 16

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR DETECTING TARGET NUCLEIC ACID

(51) International classification :C12N15/09,C12Q1/68,G01N33/543

(31) Priority Document No :PCT/JP2011/071048

(32) Priority Date :14/09/2011
(33) Name of priority country :Japan

(86) International :PCT/JP2012/073710

Application No
Filing Date

114/09/2012

(87) International Publication :WO 2013/039228

(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)NGK INSULATORS, LTD.

Address of Applicant :2-56, Suda-cho, Mizuho-ku, Nagoya-

shi, Aichi 4678530 JAPAN

(72)Name of Inventor:

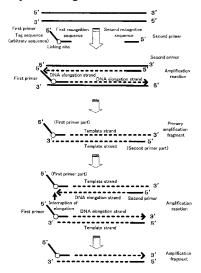
1)NIWA Kousuke

2)HIROTA Toshikazu

3)KAWASE Mitsuo

(57) Abstract:

The disclosure provides a method for detecting a target nucleic acid whereby efficient probe hybridization is possible. To this end a target nucleic acid is amplified using: a first primer containing a first recognition sequence that recognizes a first base sequence in the target nucleic acid and a tag sequence complementary to a detection probe preassociated with the target nucleic acid and having a link site capable of suppressing or stopping a DNA polymerase reaction between this tag sequence and this first recognition sequence; and a second primer containing a second recognition sequence that recognizes a second base sequence in the target nucleic acid; the amplified fragment and the detection probe are brought into contact to enable hybridization and the hybridized product is detected.



No. of Pages: 120 No. of Claims: 37

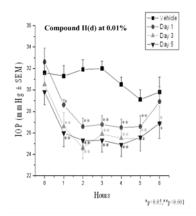
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ANILINE DERIVATIVES, THEIR PREPARATION AND THEIR THERAPEUTIC APPLICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C07C217/84 :11306170.9 :16/09/2011 :EPO :PCT/EP2012/067473	(71)Name of Applicant: 1)FOVEA PHARMACEUTICALS Address of Applicant :Institut de la Vision, 17 rue Moreau, F-75012 Paris FRANCE (72)Name of Inventor:

(57) Abstract:

The present invention relates to aniline derivatives of formula (I), to their preparation and to their therapeutic application, for example in treating glaucoma: Formula (I), R1a represents H, an halogen, a (C1-C6)alkyl or a CN; R1b represents H, an halogen or a (C1-C6)alkyl; R1c represents H or a(C1-C6)alkyl; R2 represents H, an halogen, an OH, an O-(C1-C6)alkyl or (C1-C6)alkyl; R3 represents H, an halogen, a (C1-C6)alkyl, an OH, an O-(C1-C6)alkyl, a CONH2 or CN; R4 represents H, an halogen or a (C1-C6)alkyl; R5 represents H or F; R7 represents H or F; R8 represents H or F; R9 represents H or (C1-C6)alkyl, or one of its enantiomers.



No. of Pages: 265 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: HF RESONATOR AND PARTICLE ACCELERATOR WITH HF RESONATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05H7/18 :10 2011 082 580.0 :13/09/2011 :Germany :PCT/EP2012/066495 :24/08/2012 :WO 2013/037621 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)BACK Michael 2)HEID Oliver 3)KLEEMANN Michael
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(21) Application No.504/KOLNP/2014 A

(57) Abstract:

The invention relates to an HF resonator which has a cylindrical cavity made of a dielectric material. The cavity comprises a first cylindrical portion a second cylindrical portion and a dielectric ring which connects the first portion and the second portion. The inner face of the first cylindrical portion has an electrically conductive first inner coating. An inner face of the second cylindrical portion has an electrically conductive second inner coating. An electrically conductive first enclosed coating is arranged between the first cylindrical portion and the dielectric ring. An electrically conductive second enclosed coating is arranged between the second cylindrical portion and the dielectric ring. The first enclosed coating is conductively connected to the first inner coating. The second enclosed coating is conductively connected to the second inner coating. The HF resonator comprises a device which is provided for applying a high frequency electric voltage between the first enclosed coating and the second enclosed coating.

No. of Pages: 17 No. of Claims: 11

(21) Application No.532/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : A SUSPENDED CEILING AND A METHOD FOR PROVIDING A PROFILE FOR A SUSPENDED CEILING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:E04B9/06 :11179024.2 :26/08/2011 :EPO :PCT/EP2012/066441 :23/08/2012 :WO 2013/030091 :NA	(71)Name of Applicant: 1)SAINT GOBAIN ECOPHON AB Address of Applicant: Box 500 S 260 61 Hyllinge Sweden (72)Name of Inventor: 1)MÖLLER Mikael 2)PERSSON Torbjörn 3)WILKENS Jan
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Suspended ceiling (1) comprising a grid (10) and at least one ceiling tile (5) the grid (10) being formed of one or more profiles (2 3) and being adapted to support said at least one ceiling tile (5) wherein each profile (2 3) is adapted to be supported at at least two suspension points. Said at least one profile (2 3) of said one or more profiles comprises in an unloaded condition at least one upwardly bulging portion such that in a loaded condition of said at least one profile (2 3) said at least one profile extends such that a deflection of said at least one profile is less than a distance between two adjacent suspension points of said at least one profile (2 3) divided ba a factor of 300. The invention further relates to methods for providing a profile for a suspended ceiling.

No. of Pages: 40 No. of Claims: 17

(21) Application No.574/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: A SYSTEM FOR MONITORING THE CONDITION OF STRUCTURAL ELEMENTS AND A METHOD OF DEVELOPING SUCH A SYSTEM

(51) International :G06F17/50,G01N29/04,G01N29/44

classification

(31) Priority Document No :2011/06192 :23/08/2011 (32) Priority Date (33) Name of priority country: South Africa

(86) International :PCT/IB2012/054264

Application No :23/08/2012 Filing Date

(87) International Publication :WO 2013/027187

(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)CSIR

Address of Applicant : Scientia Meiring Naud Road

Brummeria 0184 Pretoria South Africa

(72)Name of Inventor:

1)LOVEDAY Philip Wayne

(57) Abstract:

The invention relates to a system for monitoring the condition of elongate structural elements and more particularly but not exclusively to a system for monitoring and detecting cracks and breaks in railway rails. The invention furthermore extends to the methodology of designing and developing such a system. The method includes the steps of identifying modes of propagation and signal frequencies that can be expected to travel large distances through an elongate structural element; selecting a suitable mode of propagation and frequency of operation; designing a transducer that is adapted to excite the selected mode at the selected frequency; numerically modelling the transducer as attached to the elongate structural element; and analyzing a harmonic response of the selected mode of propagation to excitation by the transducer in order to validate the transducer design.

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

(19) INDIA

(22) Date of filing of Application :17/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHODS AND APPARATUS FOR AVOIDING INTER CHASSIS REDUNDANCY SWITCHOVER TO NON FUNCTIONAL STANDBY NODES

(21) Application No.575/KOLNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56 :61/526426 :23/08/2011 :U.S.A. :PCT/IB2012/053919 :31/07/2012 :WO 2013/027139 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)BAJAMAHAL Nageshwar
Filing Date	:NA	

(57) Abstract:

A network node for routing messages in a communications system includes at least one network interface that communicates messages with a plurality of other network nodes and a microprocessor that sends and receives messages. The microprocessor transitions from operation in an active with peer state to operation in an active without peer state in response to detecting that a standby inter chassis redundancy (ICR) node has become or will become at least partially non functional as a backup message router for the network node. While operating in the active with peer state the microprocessor responds to a switchover triggering event by switching over at least part of its message routing responsibility to the standby ICR node. In contrast while operating in an active without peer state the microprocessor does not switchover routing responsibility to the standby ICR node in response to the switchover triggered event.

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

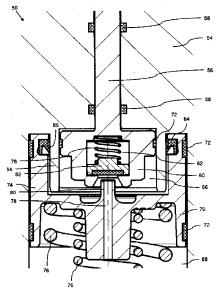
(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: CONTROL VALVE SEALS AND CONTROL VALVES WITH THE CONTROL VALVE SEAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60T15/02 :10 2011 112 552.7 :06/09/2011 :Germany :PCT/DE2012/100265 :05/09/2012 :WO 2013/034147 :NA :NA :NA	(71)Name of Applicant: 1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH Address of Applicant: Moosacher Str. 80, 80809 München, Germany (72)Name of Inventor: 1)CZYPIONKA, Simon 2)PETTER, Thomas 3)HESSELBARTH, Udo 4)HELLER, Martin 5)SIMON, Timm 6)KRYLOV, Vladimir 7)ROMANOV, Sergey
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(57) Abstract:

The invention relates to a control device (50) for controlling a brake cylinder pressure (16) in a control valve (2), comprising: - a housing (54) with a receiving space, which is divided radially by an annular partition wall (64) into an inner brake cylinder pressure chamber (66) and an outer nominal pressure chamber (68), - a separating element (70), which separates the brake cylinder pressure chamber (66) axially from the nominal pressure chamber (68), and - a pressure source (24) that is arranged to charge the brake cylinder pressure chamber (66) with pressure (44) according to an axial position of the separating element (70), in such manner that the brake cylinder pressure (16) in the brake cylinder pressure chamber (66) counterbalances a nominal pressure in the nominal pressure chamber (68), - wherein the separating element (70) has an axial guide wall (74) that is inserted radially between the annular partition wall (64) and one wall of the housing (54).



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

(21) Application No.537/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : FEEDBACK METHOD AND APPARATUS FOR COOPERATIVE MULTI POINT COMMUNICATION IN 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 	:61/553494 :31/10/2011 :U.S.A. :PCT/KR2012/009071 :31/10/2012 :WO 2013/066049	(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)KIM Ki II 2)LEE Hyo Jin 3)KIM Youn Sun
	:NA :NA :NA :NA	, · · · · · · · · · · · · · · · · · · ·

(57) Abstract:

A feedback method and apparatus are provided for Cooperative Multi Point (CoMP) communication in a communication system. The method includes checking a number of feedback allocations configured by RRC signaling determining a number of bits of an aperiodic feedback indicator based on the checked number of feedback allocations receiving DCI including the aperiodic feedback indicator and performing aperiodic feedback indicator based on the determined number of bits of the aperiodic feedback indicator and performing aperiodic feedback of at least one feedback allocation based on the aperiodic feedback indicator.

No. of Pages: 100 No. of Claims: 14

(21) Application No.578/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

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

(51) International classification :C22C38/00,B21B3/00,C21D9/46 (71)Name of Applicant:

(31) Priority Document No :2011215592 (32) Priority Date :29/09/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/006195

:27/09/2012 Filing Date

(87) International Publication :WO 2013/046695

(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 Tokyo 1000011 Japan (72)Name of Inventor:

1)TAKASHIMA Katsutoshi

2)TOJI Yuki

3)KARIYA Nobusuke

4)HASEGAWA Kohei

(57) Abstract:

Provided is a high strength hot dip galvanized steel sheet that has a high yield ratio and that has excellent workability i.e. ductility and hole expandability. The composition of chemical components of the steel sheet comprises in mass% 0.05 0.15% of C 0.10 0.90% of Si 1.0 1.9% of Mn 0.005 0.10% of P 0.0050% or less of S 0.01 0.10% of Al 0.0050% or less of N and 0.010 0.100% of Nb with the remainder comprising Fe and inevitable impurities. The microstructure of the steel sheet has a composite structure that comprises 90% or more in volume fraction of ferrite having an average crystal grain size of 15 µm or smaller 0.5% or more to less than 5.0% in volume fraction of martensite having an average crystal grain size of 3.0 µm or smaller and 5.0% or less in volume fraction of pearlite with the remainder comprising a phase formed at low temperatures.

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

(22) Date of filing of Application: 18/03/2014

(19) INDIA

(54) Title of the invention: METHOD AND DEVICE FOR CONVEYING STRIP OR PLATE SHAPED PRODUCTS

(51) International :B65G47/51,B65G47/64,A23G4/00 classification

:WO 2013/050234

(31) Priority Document No :10 2011 084 018.4

(32) Priority Date :05/10/2011 (33) Name of priority country: Germany

(86) International Application :PCT/EP2012/068225

:17/09/2012

Filing Date

(87) International Publication 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)LOESCH VERPACKUNGSTECHNIK GMBH Address of Applicant :Industriestr. 1 96146 Altendorf

Germany

(72)Name of Inventor:

1)HAMMACHER Heinz Peter

(21) Application No.579/KOLNP/2014 A

(43) Publication Date: 09/05/2014

2)MAIWALD Andreas

(57) Abstract:

The invention relates to a method and a device for conveying strip or plate shaped products (P) having the following method steps and features: supplying (10 20) the products (P) from a continuously operating device with which the products are produced to the conveying device; successively conveying (30 40) the products (P) with conveying means in the conveying direction; and transferring (60) the products (P) from the conveying device to a device with which the products (P) are continuously further processed. The method according to the invention and the device according to the invention are characterised by the following method steps and features: accommodating (30 70) the products (P) supplied in the conveying device in a storage device (80) when the device for further processing the products (P) is not ready for use and the products (P) cannot be transferred to the further processing device; releasing (70 90) the stored products (P) from the storage device (80) when the device for further processing the products (P) is ready for use again and the products (P) can again be transferred to the further processing device; and releasing (100 110 120) the products (P) guided in the conveying device from the conveying device when the device for further processing the products (P) is not ready for use and the products (P) cannot be transferred to the further processing device and when the storage device (80) is completely full of products (P).

No. of Pages: 35 No. of Claims: 24

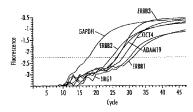
(22) Date of filing of Application :01/11/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention : SCALABEL PRIMATE PLURIPOTENT STEM CELL AGGREGATE SUSPENSION CULTURE AND DIFFERENTIATION 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 	:C12N 5/00 :13/672,688 :08/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA	
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(57) Abstract:

The present invention relates to methods for production of undifferentiated or differentiated embryonic stem cell aggregate suspension cultures from undifferentiated or differentiated embryonic stem cell single cell suspensions and methods of differentiation thereof.



No. of Pages: 174 No. of Claims: 30

(22) Date of filing of Application :08/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: END LID DESIGN AND REMOVAL TOOL

(51) International classification	:B65G39/09,B65G23/08	(71)Name of Applicant:
(31) Priority Document No	:61/522587	1)MOL BELTING SYSTEMS INC.
(32) Priority Date	:11/08/2011	Address of Applicant : A Corporation Of The State Of
(33) Name of priority country	:U.S.A.	Michigan 2532 Waldorf Court Grand Rapids MI 49544 U.S.A.
(86) International Application No	:PCT/US2012/050572	(72)Name of Inventor:
Filing Date	:13/08/2012	1)WOLTERS Laurens G.J.
(87) International Publication No	:WO 2013/023209	2)MOL Edward T.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11//1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motorized drum (03000) has a drum shell (03700) with a motor (04200) there within and an end lid (03570) of a determined diameter with an end lid recess (46920). An end lid remover tool (46940) has an outer circumferential geometry with a larger diameter and a tool recess (46930). The tool recess complements the end lid recess. A joining cord (46910) has a cross sectional geometry that corresponds to the combination of the end lid recess and the tool recess. An in¬let enables access to the channel and a flexible member (46910) is installed therethrough to occupy the channel. A slide hammer (46950) applies an axially outward force whereby the end lid is urged axial lyoutward in response to outward force conveyed to the end lid arrangement via the flexible member. The remover tool can have alternatively a circumferential spiral geometry that is configured to en¬ gage an outer circumferential spiral geometry of the end lid.

No. of Pages: 85 No. of Claims: 16

(21) Application No.538/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: TETRAHYDROTRIAZOLOPYRIMIDINE DERIVATIVES AS HUMAN NEUTROPHIL ELASTASE **INHIBITORS**

(51) International

:C07D487/04,A61K31/519,A61P11/00

classification

(31) Priority Document No:11181201.2 (32) Priority Date :14/09/2011

(33) Name of priority

:EPO

country

(86) International

:PCT/EP2012/067810 Application No :12/09/2012

Filing Date

(87) International :WO 2013/037809

Publication No

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

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

Filing Date

(57) Abstract: Compounds of formula (I) are inhibitors of human neutrophil elastase.

No. of Pages: 112 No. of Claims: 16

(71)Name of Applicant:

1) CHIESI FARMACEUTICI S.D.A.

Address of Applicant: Via Palermo, 26/A, I-43100 Parma

ITALY

(72)Name of Inventor:

1)BLENCH, Toby Jonathan 2) EDWARDS, Christine 3) HEALD, Robert Andrew 4)KULAGOWSKI, Janusz Jozef

5)SUTTON, Jonathan Mark 6) CAPALDI, Carmelida

(21) Application No.539/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD FOR PREPARING METERED DOSE SPRAYED INHALER FOR TREATING RESPIRATORY DISEASE

(51) International :A61K9/72,A61K31/167,A61K31/573

classification .AOTK9//2,AOTK31/10/,AOTK

:NA

(31) Priority Document No :201110239124.1 (32) Priority Date :19/08/2011

(33) Name of priority country :China

(86) International :PCT/CN2012/071129

Application No
Filing Date

114/02/2012

(87) International :WO 2013/026269

Publication No
(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to
Application Number

NA
:NA
:NA

(71)Name of Applicant:

1)INTECH BIOPHARM LTD

Address of Applicant :11F No. 392 Sec.1 Neihu Road Taibei

Taiwan China

(72)Name of Inventor: 1)WU Wei Hsiu 2)CHAO Yen Chin

(57) Abstract:

Filing Date

A metered dose sprayed inhaler composition and a preparation method thereof. The metered dose sprayed inhaler composition comprises active ingredients namely ethylene synergist and corticosteroids. The preparation method thereof comprises: (1) mixing 0.05 10.0%w/w alcohol with a surfactant to form a first mixed solution; (2) dispersing the ethylene synergist in the first mixed solution to form a second mixed solution; (3) adding a hydrofluoroalkane propellant to the second mixed solution to form a third mixed solution; (4) dispersing corticosteroids in the third mixed solution; (5) performing the filling step.

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

(21) Application No.580/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: AIR CONDITIONING INDOOR UNIT

(51) International classification: F24F13/14,F24F11/02,F24F13/15 (71)Name of Applicant:

(31) Priority Document No :2011189474 (32) Priority Date :31/08/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/062915 No

:21/05/2012 Filing Date :WO 2013/031306

(87) International Publication

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

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

1)DAIKIN INDUSTRIES LTD.

Address of Applicant: Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan

(72)Name of Inventor: 1)KUIDA Koutarou 2)TAKAGI Satoshi

3)IKEHARA Kazuo

(57) Abstract:

Provided is an air conditioning indoor unit that can efficiently blow out air in an aimed for direction during left right blowing out of blown out air. In the air conditioning indoor unit (10) a vertical blade (20) is disposed in a main body casing (13) and can switch the blow out state of air from an outlet (15) to either a first state or a second state. The first state is a state that blows out to the front of the main body casing (13) and the second state is a state the blows out to the sides of the main body casing (13). When halting operation a control unit (40) causes the vertical blade (20) to be in the second state and afterwards stores an auxiliary blade (130) and causes a vertical wind direction adjustment blade (30) to be in a closed state and so there is no interference or a small degree of interference between the vertical blade (20) and the vertical wind direction adjustment blade (30) and auxiliary blade (130).

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

(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: REFINING METHOD IN CONVERTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21C7/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN (72)Name of Inventor: 1)NAOKI KIKUCHI 2)YASUSHI OGASAWARA 3)YUYA OSAKA 4)YUJI MIKI 5)YOZO IWAKI 6)HIROHARU IDO 7)TAISUKE KOBAYASHI
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(57) Abstract:

In decarburization refining of molten iron using a converter, the decarburization refining being performed with top-blowing oxygen gas, blasting of a lime source from a top-blowing lance, and a bottom-blowing inert gas for stirring, the amount of FeO generated in the converter is estimated, the amount of FeO generated during refining is controlled on the basis of the estimated amount of FeO generated, a ratio (powder blasting rate of lime source/generation rate of FeO) is controlled to be 0.4 or more and 5.5 or less, and a slag basicity (CaO/SiO2) is controlled to be 3.5 or less. Thus, melting of lime is promoted so that the lime effectively acts on dephosphorization. As a result, the amount of flux used for dephosphorization is reduced, and a reduction in the smelting cost and a reduction in the generation of slag are realized.

No. of Pages: 35 No. of Claims: 3

(19) INDIA

(22) Date of filing of Application :08/03/2014

(21) Application No.489/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: CAN CAP COVERING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D51/20 :NA :NA :NA :NA :PCT/US2011/001449 :18/08/2011 :WO 2013/025182 :NA :NA :NA	(71)Name of Applicant: 1)RICHARD Gary P. Address of Applicant: 29 Abington Road Danvers MA 01923 U.S.A. (72)Name of Inventor: 1)RICHARD Gary P.
Filing Date	:NA	

(57) Abstract:

The present invention is a cap covering for a punch key tab rotably attached to the top of a preformed can wherein the punch key tab is to be utilized by a person to punch out a prepared flap seal in the can top along a predefined scored boundary. The cap covering includes an attachable and detachable hollow casing which can be fitted on demand onto the handle of a punch key tab. The invention will distinguish individual ownership among identical cans of beverage; will serve as a closure to aid in keeping the carbonation (if any) in the beverage; will aid in maintaining the beverage at the desired drinking temperature; and will act in minimizing spillage keep bugs and debris out and in keeping the beverage in an unadulterated state.

No. of Pages: 42 No. of Claims: 7

(21) Application No.543/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ANTIMICROBIAL MIXTURE OF ALDEHYDES ORGANIC ACIDS AND ORGANIC ACID ESTERS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to	:A23L3/34,A23L3/3463,A23L3/3481 :61/565276 :30/11/2011 :U.S.A. :PCT/US2012/063655 :06/11/2012 :WO 2013/081777 :NA	(71)Name of Applicant: 1)ANITOX CORPORATION Address of Applicant:1055 Progress Circle Lawrenceville GA 30043 U.S.A. (72)Name of Inventor: 1)PIMENTEL Julio 2)RICHARDSON Kurt
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

124124An antimicrobial composition and method for extending the shelf life of water food/feed or food/feed ingredients comprising: 5 25 wt. % nonanoic acid 1 25 wt.% organic acid ester 1 50 wt. % of a single or mixture of C C aldehydes a mixture of C C organic acids and water.

No. of Pages: 50 No. of Claims: 10

(21) Application No.544/KOLNP/2014 A

(19) INDIA

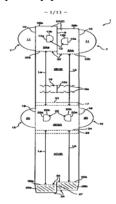
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CARTON AND CARTON BLANK

(51) International classification	:B65D71/14,B65D71/12	(71)Name of Applicant:
(31) Priority Document No	:2011-004830	1)MEADWESTVACO PACKAGING SYSTEMS, LLC.
(32) Priority Date	:18/08/2011	Address of Applicant :501 South 5th Street, Richmond,
(33) Name of priority country	:Japan	Virginia 23219-0501, U.S.A. U.S.A.
(86) International Application No	:PCT/US2012/051591	(72)Name of Inventor:
Filing Date	:20/08/2012	1)Tamio IKEDA
(87) International Publication No	:WO 2013/026057	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A carton for packaging articles is capable of accommodating articles, such as cans, having different sizes. The carton includes primary walls (2A, 2B, 2C, 2D) hingedly connected together to form a tubular structure (6). A first one (2A) of the primary walls includes two or more element panels (2Aa, 2Ab) disposed substantially parallel to a second one (2D) of the primary panels positioned opposed to the first one of the primary panels. At least one of the element panels (2Ab) is disposed at a first distance (Lb) from the second one of the primary panels. At least another one (2Aa) of the element panels is disposed at a second distance (La) from the second one of the primary panel. The first distance is substantially less than the second distance.



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

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

:NA

(54) Title of the invention: INFUSION DEVICE FOR MAKING BEVERAGES USING CARTRIDGES

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:VR2011A000179	1)CAFFITALY SYSTEM S.P.A.
(32) Priority Date	:19/09/2011	Address of Applicant :Via Panigali 38 I-40041 Gaggio
(33) Name of priority country	:Italy	Montano (Bologna) ITALY
(86) International Application No	:PCT/IB2012/054719	(72)Name of Inventor:
Filing Date	:11/09/2012	1)DEGLI ESPOSTI VENTURI, Roberto
(87) International Publication No	:WO 2013/042011	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	

(21) Application No.586/KOLNP/2014 A

(57) Abstract:

Filing Date

An infusion device for making beverages using cartridges, such as capsules or pods, comprises an openable infusion unit (3) comprising at least one part (4) able to move between a home position and an operating position, a first standby zone (8) for a cartridge (2) being formed when the mobile part (4) is in the home position, first retaining means for a cartridge (2) in the first standby zone (8), a motor (13) for moving the mobile part (4), means for expelling the cartridge (2) from the unit (3), and at least one device (1) operation check and control unit (35); there are also second retaining means (36) positioned between a cartridge insertion section (34) and the first standby zone (8), to selectively retain a cartridge (2) at a second standby zone (37), the check and control unit (35) being programmed to cause the dispensing of two beverages one after another, using two cartridges.

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

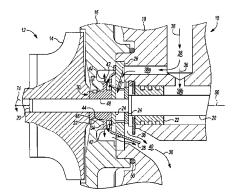
(22) Date of filing of Application :09/09/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: OIL DEFLECTOR

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16J 15/00 :13/669507 :06/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GM GLOBAL TECHNOLOGY OPERATIONS LLC Address of Applicant: 300 GM RENAISSANCE CENTER, DETROIT, MICHIGAN 48265-3000, U.S.A. U.S.A. (72)Name of Inventor: 1)MALAY MANIAR
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(57) Abstract:

An oil deflector includes a segment array extending radially from a sleeve portion defining a longitudinal axis and configured for mounting on a shaft. The segment array includes a plurality of segments arranged circumferentially relative to the longitudinal axis and defines at least one oil diverting feature configured to create a pressure differential proximate the segment array or across a surface of the segment array during rotation of the oil deflector about the longitudinal axis. The segment array may define an oil diverting feature configured as a radially tapered peripheral surface, an axially inclined annular surface, at least one slot inclined relative to an annular surface of the array, and/or a combination of these configured to divert oil axially and/or radially from the oil deflector during rotation by the shaft in use.



No. of Pages: 24 No. of Claims: 10

(21) Application No.488/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : ORE SCREENING PANEL

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2011903335	1)SCHENCK PROCESS AUSTRALIA PTY LTD
(32) Priority Date	:22/08/2011	Address of Applicant :Unit 1 76 80 Vella Drive Sunshine
(33) Name of priority country	:Australia	Victoria 3020 Australia
(86) International Application No	:PCT/AU2012/000978	(72)Name of Inventor:
Filing Date	:21/08/2012	1)ARMSTRONG Richard
(87) International Publication No	:WO 2013/026090	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A modular screening panel in which the apertures in the screening surface extend through the surface and the shape of the aperture parallel the plane of the panel surface varies with the depth of the aperture so that as the surface wears the visible shape of the aperture changes. The apertures can be any convenient shape at the surface but at the depth which means the worn panel needs replacing the shape is distinctly different to the shape of the apertures in a new or partly worn panel.

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

(21) Application No.541/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: INTRAVASCULAR STENT WITH IMPROVED VISUALIZATION PERFORMANCE AND METHOD FOR ENHANCING THE VISUALIZATION PERFORMANCE OF INTRAVASCULAR STENT

(51) International classification (31) Priority Document No	:201110234883.9	(71)Name of Applicant: 1)SHANGHAI MICROPORT MEDICAL (GROUP) CO.
(32) Priority Date	:15/08/2011 :China	LTD.
(33) Name of priority country(86) International Application No		Address of Applicant :501 Newton Rd. ZJ Hi Tech Park Pudong New Area Shanghai 201203 China
Filing Date	:15/08/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/023583	1)WANAG Sen
(61) Patent of Addition to Application	:NA	2)XIE Zhiyong
Number Eiling Data	:NA	3)LV Jian
Filing Date (62) Divisional to Application Number	:NA	4)XU Xiaohong 5)JIN Qiaorong
Filing Date	:NA	6)LUO Qiyi

(57) Abstract:

An intravascular stent especially an intracranial vascular stent wherein a stent wave rod (1) of the stent is completely wound with at least one layer of wire (2) made from a visualizable material. On the one hand the stent can ensure accurate positioning under medical imaging equipment during and after surgery; on the other hand since the wound visualizable wire (2) is located at a position on the stent subjected to no stress or to very little stress the expansion and the stress distribution of the stent is not affected so that the service life of the stent will not be shortened nor will the expected effect of the stent when in use be influenced. Also disclosed is a method for enhancing the visualization performance of an intravascular stent.

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

(21) Application No.542/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: MATERIAL HANDLING EQUIPMENT IMPACT DECELARATION DEVICE

(51) International classification	:B66F9/075,E02F9/16,B60R19/03	(71)Name of Applicant:
(31) Priority Document No	:11180784.8	1)INGENIEURSBUREAU WUYLENS BVBA
(32) Priority Date	:09/09/2011	Address of Applicant :Vossenberglaan 10 B 9070
(33) Name of priority country	:EPO	Destelbergen Belgium
(86) International Application	:PCT/EP2012/067471	(72)Name of Inventor :
No	:07/09/2012	1)WUYLENS Philippe
Filing Date	.07/09/2012	
(87) International Publication	:WO 2013/034667	
No	. 11 0 2013/03 1007	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1771	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1111	

(57) Abstract:

The invention relates to an impact deceleration device (1) for material handling equipments comprising an elongate outer profile (2) and an elongate inner profile (3) the outer profile (2) surrounding at least part of the inner profile (3) wherein the outer (2) and the inner profile (3) are made out of an elastomeric material the elastomeric material of the inner profile (3) having a shore resistance being higher than the shore resistance of the outer profile (2).

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

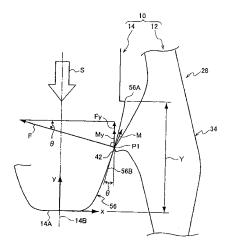
(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FASTENER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16B 5/00 :2011-203340 :16/09/2011 :Japan :PCT/JP2012/073357 :12/09/2012 :WO/2013/039115 :NA	(71)Name of Applicant: 1)NIFCO INC Address of Applicant: 184-1,MAIOKA-CHO, TOTSUKA-KU,YOKOHAMA-SHI, KANAGAWA 244-8522, JAPAN (72)Name of Inventor: 1)YOICHI HIRANO
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a fastener (10), a pin (14) is pressed into a grommet (12), so that a guide portion (56) formed in an end side of the pin (14) contacts with a guided portion (42) of the grommet (12), and a leg piece (34) of a leg portion (28) of the grommet bends and is expanded. Then, the guided portion (42) of the leg piece (34) in the leg portion (28) of the grommet (12) is engaged with an upper end edge (56A) of the guide portion (56) of the pin (14). Also, the guide portion (56) of the pin (14) is a curved surface having a tangent angle (e) changing relative to a shaft line (14B) at a contact point (P1) with the guided portion (42) from an outer circumferential portion of an end (14A) of the pin (14) toward an upper end edge (56A), and an insertion force (S) into the grommet (12) of the pin (14) at each contact point (P1) is held approximately constant.



No. of Pages: 21 No. of Claims: 2

(21) Application No.1268/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: A DISCHARGE DEVICE.

(51) International algorification	·E02D1/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)WAMGROUP S.P.A.
(32) Priority Date	:NA	Address of Applicant :STRADA DEGLI SCHIOCCHI 12
(33) Name of priority country	:NA	41124 MODENA ITALY
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MARCHESINI VAINER
(87) 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 discharge device, preferably for a silo, comprising: an outer body (2), provided with an upper opening (21) and a lower opening (22); an inner body (3) positioned inside the first body (2); a plurality of arms (4),interposed between the outer body (2) and inner body (3) so as to connect the inner body (3) to the outer body (2). Each arm (4) is provided with a foot (5) endowed with at least one vibration damping portion (51) which has a resting surface on the outer body (2).

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

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: PM MOTOR POSITION-SENSORLESS CONTROL DEVICE

(51) International classification: H02P21/00,H02P6/16,H02P27/04 (71)Name of Applicant: (31) Priority Document No :2011-177371

(32) Priority Date :15/08/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/070312

:09/08/2012 Filing Date

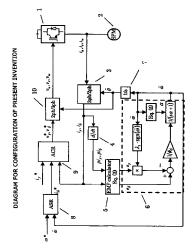
(87) International Publication :WO 2013/024780

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

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

(57) Abstract:

[Problem] In a PM motor position-sensorless control device, an estimation phase is not accurately estimated in a low speed region. [Solution] Provided is an induction power calculation unit in which a current detection value at a coordinate γ - δ during a zero voltage vector period and current differential information are input and speed electromotive forces ey, eδ are calculated. The calculated speed electromotive forces ey, e δ are input into a rotation speed estimation unit, estimated speed ω is determined, and by performing time integration of the estimated speed, estimated phase Θ is calculated.



No. of Pages: 38 No. of Claims: 13

(72)Name of Inventor:

1)MEIDENSHA CORPORATION

Address of Applicant: 1-1, Osaki 2-chome, Shinagawa-ku,

1)Masashi TAKIGUCHI

2)Yumeki ONO

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD OF MAKING A FACTOR XA INHIBITOR

(51) International classification	:H01L 27/00	(71)Name of Applicant:
(31) Priority Document No	:60/735224	1)MILLENNIUM PHARMACEUTICALS, INC.
(32) Priority Date	:08/11/2005	Address of Applicant :40 LANDSDOWNE STREET,
(33) Name of priority country	:U.S.A.	CAMBRIDGE, MA 02139 U.S.A.
(86) International Application No	:PCT/US2006/043635	(72)Name of Inventor:
Filing Date	:07/11/2006	1)GRANT, Craig
(87) International Publication No	: WO/2007/056517	2)KANTER, James P.
(61) Patent of Addition to Application	:NA	3)LANGLANDS, Graeme
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:1856/KOLNP/2008	
Filed on	.08/05/2008	

(21) Application No.546/KOLNP/2014 A

(57) Abstract:

A method of preparing a compound of Formula I: comprising contacting LiN(CH3)2 with a compound of formula III: or a salt thereof under conditions to form the compound of Formula I.

No. of Pages: 42 No. of Claims: 9

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: INFUSION DEVICE FOR MAKING BEVERAGES USING CARTRIDGES

(51) International classification :A47J31/36 (31) Priority Document No :VR2011A000179 (32) Priority Date :19/09/2011

(33) Name of priority country :Italy

(86) International Application No :PCT/IB2012/054944 (72)Name of Inventor : Filing Date :18/09/2012

(87) International Publication No :WO 2013/042042

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

1)CAFFITALY SYSTEM S.P.A.

(21) Application No.588/KOLNP/2014 A

Address of Applicant: Via Panigali 38 I-40041 Gaggio

Montano (Bologna) ITALY

1)DEGLI ESPOSTI VENTURI, Roberto

(57) Abstract:

(19) INDIA

An infusion device for making beverages using cartridges such as capsules or pods containing at least one food substance comprising an infusion unit (3) comprising at least two parts at least one of which is able to move between a home position and an operating position at least one insertion section (34) for inserting the cartridge (2) in the device (1) from which the cartridge (2) can then be fed to a first standby zone (8) at least one check and control unit (35) for device (1) operation and second retaining means (36) positioned between the insertion section (34) and the first standby zone (8) the second retaining means in turn being able to move between a first position in which they can retain a cartridge (2) and a second position in which they allow the cartridge (2) to advance the second retaining means (36) being able to move as one with the mobile part (4) and comprising at least one mobile element (38) removably coupled to the mobile part (4) of the unit (3) and means for uncoupling the mobile element (38) from the mobile part (4) when during movement of the mobile part (4) the mobile element (38) opposes said movement with a force which is greater than a predetermined maximum force.

No. of Pages: 37 No. of Claims: 11

(21) Application No.589/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : USE OF HDL-RELATED MOLECULES TO TREAT AND PREVENT PROINFLAMMATORY CONDITIONS

(51) International classification: C07K7/00, C07K14/47, A61P35/00 (71) Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF (31) Priority Document No :61/528.447 (32) Priority Date :29/08/2011 **CALIFORNIA** (33) Name of priority country: U.S.A. Address of Applicant: 1111 Franklin Street, Oakland, (86) International Application California 94607-5200 U.S.A. :PCT/US2012/052925 (72)Name of Inventor: :29/08/2012 Filing Date 1)FARIAS-EISNER, Robin (87) International Publication 2) REDDY Srinivasa T. :WO 2013/033260 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

Molecules and compositions are described for use in the treatment and prevention of pro- inflammatory conditions. HDL-related molecules, including ApoA-I, bovine HDL and HDL mimetics, in particular, are demonstrated to prevent UV- induced cell death and oxidative stress in skin cells and to inhibit tumor growth and development in a variety of cancers. HDL-related molecules can be used as an oral supplement and in other compositions to prevent or treat pro- inflammatory skin conditions and systemic proinflammatory conditions, including Alzheimers disease and various cancers.

No. of Pages: 69 No. of Claims: 15

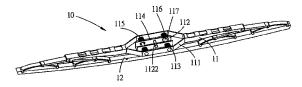
(22) Date of filing of Application: 19/04/2013 (43) Publication Date: 09/05/2014

(54) Title of the invention: 'WINDSHIELD WIPER ASSEMBLY THAT CAN REDUCE RUBBING RESISTANCE AND ELIMINATE NOISE'

(51) International classification	:B60S 1/00	(71)Name of Applicant:
(31) Priority Document No	:101140912	1)FAIDEK CORPORATION
(32) Priority Date	:02/11/2012	Address of Applicant :NO.11, LN. 213, SEC. 1, DEXING
(33) Name of priority country	:Taiwan	RD., DAPU VIL., FENYUAN TOWNSHIP, CHANGHUA
(86) International Application No	:NA	COUNTY 502, TAIWAN (R.O.C) Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MING-YI KUO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A windshield wiper assembly for a car includes a wiper unit connected with a support arm. The wiper unit includes a blade having a mounting seat, a wiper connected with the blade, a movable bracket movably mounted in the mounting seat, at least one support pin secured on the mounting seat and extended through the movable bracket, and at least one pair of elastic members each biased between the mounting seat and the movable bracket. The movable bracket is biased between the elastic members. Thus, the frictional resistance can be reduced as the movable bracket is moved relative to and deflected from the mounting seat. In addition, the elastic members can provide a shock-absorbing function to eliminate vibration produced during the movement of the wiper unit.



No. of Pages: 22 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: PMIP PROTOCOL ENHANCEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04W88/18 :61/524522 :17/08/2011 :U.S.A. :PCT/EP2012/057626 :26/04/2012 :WO 2013/023798 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)QIANG Zu 2)YANG Yong
` '	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.519/KOLNP/2014 A

(57) Abstract:

Example embodiments presented herein are directed towards determining a Proxy Mobile Internet Protocol version 6 () control plane used by a network node peer in an Internet Protocol version 4 (IPv4) transport network. The example embodiments provide a mechanism in PMIP protocol stack to allow a Mobility Access Gateway/Local Mobility Anchor (MAG/LMA) node such as SGW (which may be supporting both PMIP draft and PMIP RFC) to decide which PMIP protocol stack shall be used to communicate to the peer node i.e. LM A/MAG.

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

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: TROCAR SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B17/34 :61/524,470 :17/08/2011 :U.S.A. :PCT/CA2012/050546 :10/08/2012 :WO 2013/023293 :NA :NA	(71)Name of Applicant: 1)PACAK, John Stephen Address of Applicant: 500 John Forsyth Road, Winnipeg Manitoba R2N 4J1 CANADA 2)DIAMOND, Heather Dawn 3)CORBETT, Caroline Alison (72)Name of Inventor: 1)PACAK, John Stephen 2)DIAMOND, Heather Dawn 3)CORBETT, Caroline Alison
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)CORBETT, Caroline Alison

(21) Application No.557/KOLNP/2014 A

(57) Abstract:

A support apparatus for supporting a trocar while the trocar extends through a body wall of a patient includes an inflatable collar extending around the trocar which can be inflated to a predetermined size by a source of fluid where the source of fluid is located on the trocar support apparatus itself so as to be carried thereby and is defined by a pump mechanism to provide a fixed volume allowing inflation only to a fixed size. An abutment member is shaped to be received on an outer surface of the trocar sleeve and adjustable longitudinally of the trocar sleeve so as to be located at a selected position. A tube connecting the pump on the abutment to the inflatable collar is wrapped helically around the sleeve of the trocar. The collar includes a sleeve portion which can be unrolled on to the trocar sleeve.

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

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: APPARATUS AND METHOD FOR PROCESSING STACKS OF OPEN BAGS

(51) International classification :B65B43/18,B65B43/30 (71)Name of Applicant : (31) Priority Document No :10 2011 113 879.3 1)HAVER & BOECKER OHG (32) Priority Date Address of Applicant : Carl Haver Platz 3 59302 Oelde :22/09/2011 (33) Name of priority country :Germany Germany :PCT/EP2012/003989 (86) International Application No (72)Name of Inventor: 1)SCHÜTTE Volker Filing Date :24/09/2012 (87) International Publication No :WO 2013/041243 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.558/KOLNP/2014 A

(57) Abstract:

Processing apparatus and method for processing a bag stack comprising a plurality of open bags wherein a depositing device is provided on which the bag stack can be arranged in a basic position wherein the open bags of the bag stack have a bag length and an open filling end at one end. Here a marking device and a bag transporting device are provided which are suitable and intended to grip the uppermost open bag of the bag stack in the basic position and to transfer it into a receiving position situated only partially on the bag stack and in the receiving position the open bags are provided with at least one marking.

No. of Pages: 40 No. of Claims: 16

(21) Application No.599/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: A ROLL FOR HOT ROLLING

(51) International :C22C38/22,C22C38/24,C22C38/26

classification (31) Priority Document No :11181778.9

(32) Priority Date :19/09/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/068429

:19/09/2012 Filing Date

(87) International Publication :WO 2013/041559

(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)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden

(72)Name of Inventor: 1)KAYHAN Menderes 2)KARLSSON Jan Erik

3)HEWITT Stephen

(57) Abstract:

The present invention relates to a roll (101) for hot rolling comprising a body characterized in that at least a part of an envelope surface (104) of said body is made of a high speed steel that with reference to its chemical composition consists of the following elements in weight%: 1 3 Carbon (C) 3 6 Chromium (Cr) 0 7 Molybdenum (Mo) 0 15 Tungsten (W) 3 4 Vanadium (V) 0 10 Cobalt (Co) 0 3 Niobium (Nb) 0 0.5 Nitrogen (N) 0.2 1 Yttrium (Y) and remainder iron (Fe) and unavoidable impurities.

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

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

(43) Publication Date: 09/05/2014

(54) Title of the invention : BASE STATION USER EQUIPMENT AND METHODS THEREIN FOR CONTROL TIMING CONFIGURATION ASSIGNMENT IN A MULTIPLE CELL COMMUNICATIONS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/04 :61/522698 :12/08/2011 :U.S.A. :PCT/SE2012/050093 :31/01/2012 :WO 2013/025143 :NA :NA	 (71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)CHENG Jung Fu 2)LARSSON Daniel 3)FRENNE Mattias 4)GERSTENBERGER Dirk 5)BALDEMAIR Robert
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(57) Abstract:

Example embodiments presented herein are directed towards a base station and method therein for configuring control timing to and from a user equipment in a multiple component cell communications network. Example embodiments presented herein are also directed towards a user equipment and method therein for configuration of control timing for a user equipment in a multiple component cell communications network.

No. of Pages: 68 No. of Claims: 48

(21) Application No.523/KOLNP/2014 A

(19) INDIA

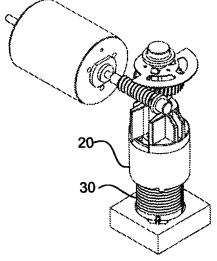
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: PUMP

(51) International classification	:F04B9/02,F04B13/00	(71)Name of Applicant:
(31) Priority Document No	:1116020.7	1)OXFORD NANOPORE TECHNOLOGIES LIMITED
(32) Priority Date	:15/09/2011	Address of Applicant :Edmund Cartwright House 4 Robert
(33) Name of priority country	:U.K.	Robinson Avenue Oxford Science Park Oxford Oxfordshire OX4
(86) International Application No	:PCT/GB2012/052233	4GA U.K.
Filing Date	:11/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/038163	1)JONES Anthony
(61) Patent of Addition to Application	:NA	2)UPSDELL Jonathan
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pump for use in low profile applications comprises a barrel (30) for holding fluid; and a piston (20) that converts a rotational driving force into a longitudinal driving motion within the barrel. The pump provides space saving advantages by reducing the need for external equipment and mechanisms around the pump for providing actuation or moving the actuating mechanism.



No. of Pages: 37 No. of Claims: 30

(21) Application No.560/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: COLLISION RESOLUTION FOR PUCCH SCHEDULING REQUESTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W74/08 :61/526142 :22/08/2011 :U.S.A. :PCT/SE2011/051206 :07/10/2011 :WO 2013/028113 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)ERIKSSON Erik 2)HESSLER Martin
Filing Date	:NA	

(57) Abstract:

Collision mitigation for scheduling requests SRs on the physical uplink control channel PUCCH in Long Term Evolution LTE radiocommunication systems is described. Various types of SR collision mitigation information can be transmitted from a base station eNodeB (32) to a user equipment UE(36). The UE can use the collision mitigation information to determine how to transmit its SRs. The network or base station (32) can use its knowledge of the SR collision mitigation information sent to various UEs (36) (and/or additional information) to resolve SR collisions on the uplink.

No. of Pages: 44 No. of Claims: 36

(21) Application No.561/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FIRING FRACTION MANAGEMENT IN SKIP FIRE ENGINE CONTROL

(51) International

:F02D17/02,F02D28/00,F02D45/00

classification

(31) Priority Document No :61/548187 (32) Priority Date :17/10/2011

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

(86) International Application :PCT/US2012/060641

Filing Date

:17/10/2012

(87) International Publication

:WO 2013/059340

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)TULA TECHNOLOGY INC.

Address of Applicant :2460 Zanker Road San Jose California

95131 U.S.A.

(72)Name of Inventor:

1)PIRJABERI Mohammad R.

2)TRIPATHI Adya S.

3)SERRANO Louis J.

(57) Abstract:

In various described embodiments skip fire control is used to deliver a desired engine output. A controller determines a skip fire firing fraction and (as appropriate) associated engine settings that are suitable for delivering a requested output. In one aspect the firing fraction is selected from a set of available firing fractions with the set of available firing fractions varying as a function of engine speed such that more firing fractions are available at higher engine speeds than at lower engine speeds. The controller then direct firings in a skip fire manner that delivers the selected fraction of firings. In other embodiments the skip fire controller is arranged to select a base firing fraction that has a repeating firing cycle length that will repeat at least a designated number of times per second at the current engine speed. Such an arrangement can be helpful in reducing the occurrence of undesirable vibrations.

No. of Pages: 56 No. of Claims: 67

(21) Application No.600/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: COMPRESSOR SYSTEM AND METHOD FOR OPERATING A COMPRESSOR SYSTEM

(51) International :F04B35/00,F02B39/04,F02B39/12 classification

(31) Priority Document No :10 2011 114 046.1 (32) Priority Date :22/09/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/068486

:20/09/2012 Filing Date

(87) International Publication :WO 2013/041596

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)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE

GMBH

Address of Applicant : Moosacher Str. 80 80809 München

Germany

(72)Name of Inventor: 1)GEIS ESSER Daniel

2) REBHAN Stephan

(57) Abstract:

The invention relates to a compressor system (10) comprising a planetary gear train (12) having an input shaft (14) and an output shaft (16) and comprising a compressor (18) coupled to the output shaft (16) for producing compressed air wherein the planetary gear train (12) comprises components that can be moved relative to each other in the form of a ring gear (20) a planet carrier (22) and a sun gear (32) and wherein a first switchable fixing device (26) is provided by means of which the ring gear (20) the planet carrier (22) or the sun gear (32) can be fixed with respect to an outer support (28) and wherein a second switchable fixing device (30) is provided by means of which two of the components of the planetary gear train (12) that can be moved relative to each other can be fixed to each other. The invention further relates to a method for operating a compressor system.

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

(21) Application No.500/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRIGGERING A HANDOVER PROCESS BASED ON THE ACTIVITY OF A CONNECTION

(51) International classification	:H04W36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/SE2011/051109	1)XUAN Zhiyi
Filing Date	:14/09/2011	2)MÜLLER Walter
(87) International Publication No	:WO 2013/039434	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		-

(57) Abstract:

Embodiments herein relates to a radio network node (12) for controlling a handover process of a user equipment (10) from a first cell (11) to a second cell (14). The user equipment (10) is served in the first cell configured to be controlled by the radio network node. The radio network node comprises an operating circuit configured to operate according to a handover process which handover process is triggered by a first trigger parameter when a connection to the user equipment is active and by a second trigger parameter when the connection to the user equipment is inactive.

No. of Pages: 35 No. of Claims: 24

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: INFUSION SET FOR PRODUCING AGARWOOD AND PRODUCTION METHOD OF AGARWOOD

(51) International :A01G7/06,A01P21/00,A61M5/142 classification

(31) Priority Document No :201210019052.4 (32) Priority Date :20/01/2012 (33) Name of priority country: China

(86) International Application :PCT/CN2012/071599

No :24/02/2012

Filing Date

(87) International Publication :WO 2013/107075

(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)INSTITUTE OF MEDICINAL PLANT DEVELOPMENT CHINESE ACADEMY OF MEDICAL SCIENCES

Address of Applicant: Malianwa Road North 151 Haidian

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2)HAINAN BRANCH INSTITUTE OF MEDICINAL PLANT DEVELOPMENT CHINESE ACADEMY OF MEDICINAL SCIENCES

(72)Name of Inventor:

1)WEI Jianhe

2)ZHANG Zheng 3)YANG Yun

4)MENG Hui

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6)XU Yanhong

7) ZHANG Xingli

8)LIU Yangyang

9)CHEN Xuyu

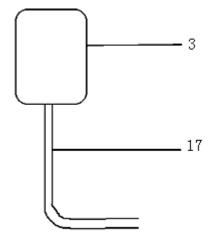
10) CHEN Weiping

11)FENG Jindong

12) CHEN Huaiqiong

(57) Abstract:

An infusion set comprises a liquid storage container (3) and an infusion tube (17). The liquid storage container (3) has a bottom outlet and is used for containing inducing liquid for agarwood. The infusion tube (17) is connected to the liquid storage container (3) and is used for delivering the inducing liquid for agarwood from the liquid storage container (3) to the trunk of the tree. The infusion set conveniently and precisely delivers the inducing liquid for agarwood to the trunk the top bough and the lateral branch of the tree so that the agarwood can be produced all over the tree. The infusion set can be applied to trees of Aquilaria sinensis with different ages and diameters at breast height to produce the agarwood hence overcoming the shortages of rot death and the like due to the large area bark and trunk injuries that are easily incurred by fast infusion and failure of precise quantitation and control and reducing the tree death rate.



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

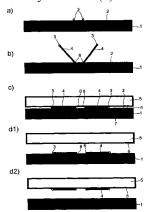
(22) Date of filing of Application :17/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHOD FOR PRODUCING AND ALIGNING NANOWIRES AND APPLICATIONS OF SUCH A 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 	:B82Y10/00 :11006842.6 :22/08/2011 :EPO :PCT/EP2012/003530 :20/08/2012 :WO 2013/026561	(71)Name of Applicant: 1)ALBUSCHIES Jörg Address of Applicant: C/O LYPITKAS, N. Hegibachstrasse 90 CH-8032 Zürich SWITZERLAND (72)Name of Inventor: 1)ALBUSCHIES Jörg
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The invention relates, inter alia, to a method for producing a conductor structure, comprising at least one silicon nanowire (4) having a diameter of less than 50 nm, which nanowire is contacted via at least two points by electrodes (11, 13, 30), and wherein the at least one nanowire (4) and the electrodes (11, 13, 30) are arranged on one plane on a substrate (1, 5), which is characterized in that a) catalytically active metal nanoparticles having a diameter in the range of 0.5-50 nm are deposited on the surface (2) of an insulating substrate (1), b) the surface and the metal nanoparticles deposited thereon are exposed to a gas flow containing at least one gaseous silicon component at a temperature in the range of 300- 1100 °C and during a time period in the range of 10-200 minutes, wherein at least one nanowire (4) of a length in the range of 5-200 µm projecting from the substrate is formed, c) said at least one nanowire (4) projecting from the surface of the substrate (1) is deposited in one plane with one of the contact surfaces (6) corresponding to the surface (2) of the insulating substrate (1) by applying a secondary substrate (5), and d) either the at least one nanowire (4) deposited on the insulating substrate (1) is contacted at two different points by electrodes (11, 13, 30).



No. of Pages: 62 No. of Claims: 15

(21) Application No.602/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: INGOT FOR BEARING AND PRODUCTION PROCESS

:NA

:NA

(51) International classification: C22C38/00, C21D8/06, C22C38/22 (71) Name of Applicant: (31) Priority Document No 1)JFE STEEL CORPORATION :2011-218229 (32) Priority Date Address of Applicant: 2-3. Uchisaiwai-cho 2-chome. Chivoda-:30/09/2011 (33) Name of priority country: Japan ku. Tokvo 1000011 JAPAN (86) International Application 2)NTN CORPORATION :PCT/JP2012/006168 (72)Name of Inventor: :27/09/2012 Filing Date 1)HONJO, Minoru (87) International Publication 2)UWAI, Kiyoshi :WO 2013/046678 3)MITAO, Shinji (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

A method is provided with which a bearing steel, even when obtained from an ingot, is made to have a segregation part reduced in the degree of segregation and maximum inclusion diameter. The ingot contains 0.56-0.70 mass% C, 0.15-0.50 mass%, excluding 0.50 mass%, Si, 0.60-1.50 mass% Mn, 0.50-1.10 mass% Cr, 0.05-0.5 mass% Mo, up to 0.025 mass% P, up to 0.025 mass% S, 0.005-0.500 mass% Al, up to 0.0015 mass% O, and 0.0030-0.015 mass% N, with the remainder comprising Fe and incidental impurities. The ingot has a degree of segregation of 2.8 or less and a predicted value of the maximum diameter of inclusions present in 30,000 mm2, as calculated by extreme value statistics, of 60 μ m or less.

No. of Pages: 39 No. of Claims: 5

(22) Date of filing of Application :04/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: HINGE LID CLOSURE WITH ACTUATING PART AND TAMPER EVIDENT SECURING MEANS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:B65D47/08 :10 2011 112 616.7 :08/09/2011 :Germany :PCT/EP2012/003508 :17/08/2012 :WO 2013/034245 :NA :NA :NA	(71)Name of Applicant: 1)KRALLMANN KUNSTSTOFFVERARBEITUNG GMBH Address of Applicant: Siemensstrae 24 32120 Hiddenhausen Germany (72)Name of Inventor: 1)GONNERT Peter 2)KRALLMANN Kerstin 3)KRALLMANN Rainer
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(57) Abstract:

A hinge lid closure (10) made of plastics material for positioning on a container has a basic part (11) with a dispenser opening (12) also has a lid (16) which is mounted on the basic part and in a closure position in which it rests on the basic part closes the dispenser opening (12) and further has an actuating part (20) which is mounted on the basic part (11) such that it can be adjusted between a rest position and an actuating position. Upon actuation of the actuating part (20) the lid (16) can be adjusted out of the closure position into an open position. The actuating part (20) is connected to the lid (16) via at least one flexible crosspiece (21) which serves as predetermined breaking point wherein the crosspiece is destroyed when the actuating part (20) is first adjusted into the actuating position.

No. of Pages: 30 No. of Claims: 21

(21) Application No.501/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR PROVIDING LOCATION BASED SERVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04W64/00 :NA :NA :NA :PCT/EP2011/064042 :15/08/2011 :WO 2013/023688 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)BUSIN Ake 2)YANG Hui
(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 method for providing location based services for a client in an infrastructure network. The network comprises at least one Home Subscriber Server HSS at least one Mobility Management Entity MME and at least one Gateway Mobile Location Centre GMLC for the client. The GMLC sending an UE location service response to the client based on a UE location service request received from the client. The network performs the steps of: the GMLC continuously receives and stores (16) event reports streamed from the MME/s the reports comprising information about the MME identity and identities for UE/s served by said MME the GMLC determines (17) the identity of a serving MME for the UE in the UE location service request on the basis of the information in the event reports.

No. of Pages: 16 No. of Claims: 14

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: MULTI-COPY STRATEGY FOR HIGH-TITER AND HIGH-PURITY PRODUCTION OF MULTI-SUBUNIT PROTEINS SUCH AS A ANTIBODIES IN TRANSFORMED MICROBES SUCH AS PICHIA PASTORIS

(51) International

(19) INDIA

:C12N15/63,C12N15/13,C12N1/19 classification

(31) Priority Document No (32) Priority Date

:61/525.307 :19/08/2011

(33) Name of priority country: U.S.A. (86) International Application

:NA

No

:PCT/US2012/051619

Filing Date

:20/08/2012

(87) International Publication

:WO 2013/028635 (61) Patent of Addition to :NA

Application Number Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)ALDERBIO HOLDINGS LLC

(21) Application No.569/KOLNP/2014 A

Address of Applicant: 101 Convention Center Drive, Suite

850, Las Vegas, Nevada 89109 U.S.A.

(72)Name of Inventor:

1)MITCHELL, Danielle, Marie 2)GARCIA-MARTINEZ, Leon F. 3)MCNEILL, Patricia, Dianne

4)OJALA, Ethan, Wayne 5)INAN, Mehmet

6)LATHAM, John

(57) Abstract:

Methods for producing heterologous multi-subunit proteins in transformed cells are disclosed. In particular, the present disclosure provides improved methods of producing multi-subunit proteins, including antibodies and other multi- subunit proteins, which may or may not be secreted, with a higher yield and decreased production of undesired side-products. In exemplary embodiments, the transformed cells are a yeast, e.g., methylotrophic yeast such as pichia pastoris.

No. of Pages: 155 No. of Claims: 160

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(21) Application No.608/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR PERFORMING SCHEDULING IN MULTI PROCESSOR CORE 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 	:01/02/2013 :WO 2014/000450 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)YU Jiaqiang 2)ZHENG Wei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the field of multi processor core systems and disclosed are a method device and system for scheduling processor cores in a multi processor core system which can satisfy a real time network I/O processing requirement thereby improving the efficiency of the entire multi processor core system. A method for scheduling processor cores in a multi processor core system comprises: when a multi processor core system is running obtaining a first control parameter a second control parameter a third control parameter and a fourth control parameter; transferring according to the first control parameter the second control parameter and the third control parameter a data packet containing a data stream entering the multi processor core system to an idle processor core for processing; and switching according to the fourth control parameter processor cores in the multi processor core system between an interruption mode and a polling mode. The present invention is mainly used to schedule processor cores.

No. of Pages: 62 No. of Claims: 18

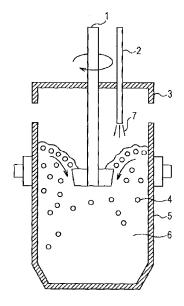
(22) Date of filing of Application :08/11/2012 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR DESULFURIZING MOLTEN IRON ALLOY.

(51) International classification	·C21C1/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-0011 JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAOKI KIKUCHI
(87) International Publication No	: NA	2)YOSHIE NAKAI
(61) Patent of Addition to Application Number	:NA	3)YUJI MIKI
Filing Date	:NA	4)HISASHI OGAWA
(62) Divisional to Application Number	:NA	5)TAKASHI YAMAUCHI
Filing Date	:NA	

(57) Abstract:

Provided is a desulfurization method with a high desulfurization efficiency in a desulfurization treatment of a molten iron alloy. A desulfurizing agent is charged in a molten iron alloy and agitation is conducted, and at the same time, a gas containing a hydrocarbon gas is blown onto a bath surface of the molten iron alloy and/or a substance that generates a hydrocarbon gas is added onto the bath surface.



No. of Pages: 26 No. of Claims: 4

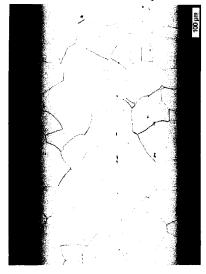
(22) Date of filing of Application :15/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: NON GRAIN ORIENTED HIGHER STRENGTH ELECTRICAL STRIP WITH HIGH POLARISATION AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification: C21D8/12,C21D9/46,C22C38/02 (71)Name of Applicant: (31) Priority Document No 1)VOESTALPINE STAHL GMBH :10 2011 053 723.6 :16/09/2011 (32) Priority Date Address of Applicant :voestalpine Strae 3 A 4020 Linz Austria (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application 1)DORNINGER Franz :PCT/EP2012/068276 2)SONNLEITNER Roman :17/09/2012 Filing Date 3)KREUZER Herbert (87) International Publication :WO 2013/038020 No (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 higher strength non grain oriented electrical strip with high polarisation the electrical strip consisting of a steel alloy wherein the limits of the following elements are maintained: Mn between 0.35 mass % and 0.65 mass % Si between 2.0 mass % and 3.0 mass % Al between 0.8 mass % and 1.4 mass % and P between 0.14 mass % and 0.24 mass %. The invention also relates to a method for the production thereof.



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

(21) Application No.565/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ISOCYANATE FREE POLYMERS AND METHODS OF THEIR PRODUCTION

(51) International classification	:C08L75/06,C08K3/34	(71)Name of Applicant:
(31) Priority Document No	:11178324.7	1)HOFMANN Sylvia R.
(32) Priority Date	:22/08/2011	Address of Applicant :Corneliusstr. 3 10787 Berlin Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/066352	1)HOFMANN Sylvia R.
Filing Date	:22/08/2012	
(87) International Publication No	:WO 2013/026882	
(61) Patent of Addition to Application	.NTA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to novel methods for producing isocyanate free synthetic materials such as plastics polymers and/or modified polyurethanes comprising melt extrusion processing of combinations of thermoplastic polyurethane and nanoclays.

No. of Pages: 71 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :15/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: MOORING SYSTEM AND CONNECTOR 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 	:17/08/2012 :WO 2013/027036 :NA :NA	(71)Name of Applicant: 1)AXIS ENERGY PROJECTS LTD. Address of Applicant: Suite No 1 Centurion Business Centre North Esplanade West Aberdeen Aberdeenshire AB11 5QH U.K. (72)Name of Inventor: 1)COLQUHOUN Robin Stuart
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.566/KOLNP/2014 A

(57) Abstract:

A mooring system and connector assembly which in a preferred embodiment is a vessel mooring and fluid transfer system. The connector assembly has a first portion (2A) configured to be coupled to one or more mooring lines (1) and a second portion (2B) configured to be coupled to a vessel. The first and second portions are rotatable with respect to one another to permit a vessel coupling on the second portion to swivel about the mooring coupling on the first portion. In a preferred embodiment the connector assembly comprises a guide (2E) for a conduit which may be a fluid transfer conduit such as flexible riser (6). The invention also provides methods of use of the mooring systems described.

No. of Pages: 41 No. of Claims: 79

(21) Application No.606/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: ANTIMICROBIAL IONOMER COMPOSITION AND USES THEREOF

(51) International classification :A01N25/24,A01N59/16 (71)Name of Applicant : (31) Priority Document No 1)ARGENLAB GLOBAL LTD :20115816 (32) Priority Date Address of Applicant: Vincenti Buildings 29/19 (Suite 1338) :22/08/2011 (33) Name of priority country Strait Street Valletta LVT 1432 MALTA :Finland (72)Name of Inventor: (86) International Application No :PCT/FI2012/050803 1)M..KI. Markus Filing Date :22/08/2012 (87) International Publication No :WO 2013/026961 2)NIEMINEN, Jyri (61) Patent of Addition to Application 3)LAAKSONEN, Harri :NA 4)AREVA, Sami :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention concerns a polymeric antimicrobial composition, a method of producing the same and the uses thereof. The ionomer composition comprises an amine functional polymer compound reacted with silver halide, optionally together with a stabilizing component, such as an organic substance carrying a sulfonamide functional group. The ionomer composition can be obtained by reacting together (i) at least one polyamine and silver halide and optionally at least one organic stabilizer substance or; (ii) at least one polyamine, at least one non-halide silver salt or silver complex, hydrogen halide and/or alkaline metal halide salt and optionally at least one organic stabilizer substance. The present ionomer composition is suitable for use as an antimicrobial coating, antimicrobial finish, antimicrobial additive and as antimicrobial component for formation of new antimicrobial materials.

No. of Pages: 33 No. of Claims: 34

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD FOR SEPARATING AND PURIFYING 1 4 DIAMINOBUTANE FROM FERMENTED **SOLUTION**

(51) International classification :C12P5/02,C12P13/02,C12N1/20 (71) Name of Applicant: (31) Priority Document No :1020110084728 (32) Priority Date :24/08/2011 (33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2012/006761 :24/08/2012 Filing Date

(87) International Publication No:WO 2013/028030

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

Number :NA Filing Date

1)CJ CHEILJEDANG CORPORATION

Address of Applicant: (Ssangnim dong) 330 Dongho ro Jung

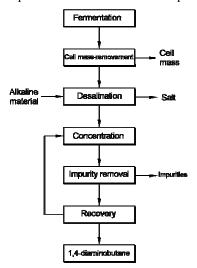
gu Seoul 100 400 Republic of Korea

(72)Name of Inventor: 1)GWAK Won Sik 2)HONG Soon Won 3)SHIN Soo An

4)LEE Han Won

(57) Abstract:

The present invention relates to a method for separating and purifying 1 4 diaminobutane of a high purity and high yield from a 1 4 diaminobutane fermented solution produced by fermentation through the steps of strain separation salt removal concentration removal of impurities and recovery. In addition the present invention relates to a method for separating and purifying 1 4 diaminobutane of a high purity and high yield from a 1 4 diaminobutane fermented solution produced by fermentation through the steps of strain separation salt removal low temperature concentration crystallization filtration high temperature concentration and distillation.



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

(22) Date of filing of Application :30/10/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: IMAGE DISPLAY UTILIZING A VARIABLE MASK TO SELECTIVELY BLOCK IMAGE DATA.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:U.S.A.	MCLEAN, VIRGINIA 22102 U.S.A. (72)Name of Inventor:
(86) International Application No	:NA	1)DAVID B.KAPLAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A display apparatus includes a beam combiner receiving a first image projected by a source, and a second image. The beam combiner combines the first image and the second image into a third image. A variable mask is configured to mask portions of the second image from the beam combiner. A controller is configured to shape the variable mask according to the content of the first image.

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

(21) Application No.1235/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: AIR CLEANER FOR VEHICLES

(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 (10) Signature (11) Signature (12) Signature (13) Sig	(71)Name of Applicant: 1)SANYANG INDUSTRY CO. LTD. Address of Applicant: 184 KENG TZU KOU,SHANG KENG VILLAGE, HSIN FONG SHIANG, HSINCHU. Republic of Korea (72)Name of Inventor: 1)WANG YU-YING 2)KAO YUNG-FU 3)HSIEH JUNG-LING 4)CHENG HSIEN-LUNG 5)CHAN CHING-CHI
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(57) Abstract:

An air cleaner for vehicles includes a housing, an outlet tube, a filter element, a casing, an inlet tube, and a cover. The casing is fastened to the housing, and is provided therein with the filter element. The housing is connected with the outlet tube. The casing is provided with an intake port, and is connected with the inlet tube. The cover is disposed on the intake port of the casing, and covers the inlet tube. An intake opening is formed between the casing and the housing. The inlet tube, due to being covered by the cover, can prevent, effectively, outside dust and water from coming into the inlet tube directly. Further, since the intake opening is positioned toward a central portion of the vehicle, dust and water from outside of the vehicle can be prevented from being introduced directly into the inlet tube during riding of the vehicle such will result in malfunction of the engine or adversely affecting life of the engine.

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

(21) Application No.502/KOLNP/2014 A

1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)

Address of Applicant :S 164 83 Stockholm Sweden

(19) INDIA

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : A METHOD AND AN APPARATUS IN A USER EQUIPMENT FOR CONTROLLING TRANSMISSION POWER OF THE USER EQUIPMENT

(51) International classification :H04W52/24,H04W52/32 (71)Name of Applicant:

(31) Priority Document No :61/523689 (32) Priority Date :15/08/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/SE2012/050222

:NA

Filing Date :28/02/2012

(87) International Publication No :WO 2013/025144

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

012/050222 1)ANT Aram

2)JÖNGREN George 3)SORRENTINO Stefano

(72)Name of Inventor:

(57) Abstract:

Filing Date

Disclosed are methods and apparatuses in user equipments (1400) and network nodes (1410 420) for controlling transmission power of the user equipments when the user equipments are connected to a wireless network. The disclosed methods and apparatuses deals with independently controlling transmission power of SRS signals and signals comprising traffic data from the user equipment (1400). Thereby it is possible to use different power levels for SRS signals intended to e.g. a macro node and for traffic data intended to e.g. a pico node.

No. of Pages: 74 No. of Claims: 25

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR EDGE OF NETWORK VOLTAGE CONTROL OF A POWER GRID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/09/2012 :WO 2013/040490 :NA :NA	(71)Name of Applicant: 1)VARENTEC, INC. Address of Applicant: 1531 Atteberry Lane, San Jose, CA 95131 U.S.A. (72)Name of Inventor: 1)DIVAN, Deepakraj 2)DILLON, Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for an edge of network voltage control of a power grid are described. In some embodiments, a system comprises a distribution power network, a plurality of loads, and a plurality of shunt-connected, switch-controlled VAR sources. The loads may be at or near an edge of the distribution power network. Each of the loads may receive power from the distribution power network. The plurality of shunt-connected, switch-controlled VAR sources may be located at the edge or near the edge of the distribution power network where they may each detect a proximate voltage. Further, each of the VAR sources may comprise a processor and a VAR compensation component. The processor may be configured to enable the VAR source to determine whether to enable the VAR compensation component based on the proximate voltage and to adjust network volt-ampere reactive by controlling a switch to enable the VAR compensation component.

No. of Pages: 66 No. of Claims: 36

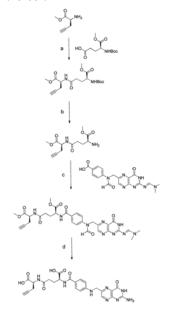
(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: 18F SACCHARIDE FOLATES

(51) International classification	:C07B59/00,C07H3/02	(71)Name of Applicant :
(31) Priority Document No	:11178260.3	1)MERCK & CIE
(32) Priority Date	:22/08/2011	Address of Applicant :Im Laternenacker 5 CH 8200
(33) Name of priority country	:EPO	Schaffhausen Switzerland
(86) International Application No	:PCT/EP2012/066236	(72)Name of Inventor :
Filing Date	:21/08/2012	1)SCHIBLI Roger
(87) International Publication No	:WO 2013/026842	2)MOSER Rudolf
(61) Patent of Addition to Application	:NA	3)MÜLLER Cristina Magdalena
Number	:NA	4)AMETAMEY Simon Mensah
Filing Date	.IVA	5)FISCHER Cindy Ramona
(62) Divisional to Application Number	:NA	6)GROEHN Viola
Filing Date	:NA	

(57) Abstract:

1818The present invention is directed towards new F folate radiopharmaceuticals wherein the Fisotope is linked via a prosthetic group more specifically via a prosthetic group having a saccharide group such as acyclic mono or oligosaccharide preferably based on a pyranoside or furanoside which is covalently linked to the glutamate portion of a folateor derivative thereof a method of their preparation as well as their use in diagnosis and monitoring of cancer and inflammatory and autoimmune diseases and therapy thereof.



No. of Pages: 101 No. of Claims: 28

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR HANDLING REFERENCE SIGNALS IN A CELLULAR NETWORK

(57) Abstract:

Methods and apparatuses for enabling a configured demodulation reference signal to be transmitted from a User Equipment UE (202) when served by a base station (200) in a cellular network. The base station sends (2:3) at least one configuration parameter to the UE which indicates a UE specific base sequence and/or a UE specific cyclic shift hopping pattern assigned (2:2) to the UE. The UE then uses the configuration parameters to generate (2:4) and transmit (2:5) the demodulation reference signal based on the UE specific base sequence and UE specific cyclic shift hopping pattern. Thereby orthogonality can be achieved between the transmitted demodulation reference signal and any demodulation reference signals transmitted by other UEs by using separate UE specific base sequences and/or UE specific cyclic shift hopping patterns.

No. of Pages: 34 No. of Claims: 28

(21) Application No.572/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : WEAR TIP HOLDER FOR VSI CRUSHER AND METHOD OF REDUCING WEAR OF VSI CRUSHER ROTOR

(51) International classification :B02C13/18,B020 (31) Priority Document No :11182565.9 (32) Priority Date :23/09/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/066745 Filing Date :29/08/2012

(87) International Publication No :WO 2013/041333

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
Signal Tublication To Service Signal Sign

:B02C13/18,B02C13/28 (71)Name of Applicant :

1)SANDVIK INTELLECTUAL PROPERTY AB
Address of Applicant :SE 811 81 Sandviken Sweden

(72)Name of Inventor:
1)DALLIMORE Rowan
2)KJAERRAN Knut
3)FORSBERG Andreas

(57) Abstract:

A wear tip holder for holding a wear tip adjacent to an outflow opening of a vertical rotor wall of a rotor of a VSI crusher comprises a mounting plate for mounting the wear tip holder (32) to said rotor wall the mounting plate having a mounting face for facing the rotor wall to which it is to be mounted; and opposite the mounting face a wear face for facing the interior of the rotor; a wear body connected to said mounting plate the wear body being provided with an elongate wear tip recess for holding the wear tip; and at least one material retention groove (58) extending along the wear tip recess at a position upstream as seen in a direction of an intended flow of material to be crushed of the wear tip recess the material retention groove (58) having an upstream groove wall and a downstream groove wall said downstream groove wall forming an acute angle with the wear face for retaining material (70) to be crushed.

No. of Pages: 23 No. of Claims: 12

(21) Application No.573/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: WEAR TIP HOLDER FOR VSI CRUSHER AND METHOD OF REDUCING WEAR OF VSI **CRUSHER ROTOR**

(51) International classification (31) Priority Document No :11182569.1 (32) Priority Date :23/09/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/066747 Filing Date :29/08/2012

(87) International Publication No :WO 2013/041334

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

:B02C13/18,B02C13/28 (71)Name of Applicant :

1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :S 811 81 Sandviken Sweden

(72)Name of Inventor: 1)DALLIMORE Rowan 2)KJAERRAN Knut 3)FORSBERG Andreas

(57) Abstract:

A wear tip holder for holding a wear tip adjacent to an outflow opening of a vertical rotor wall of a rotor of a VSI crusher comprises a mounting plate (44) for mounting the wear tip holder (32) to said rotor wall the mounting plate (44) having: a mounting face (56) for facing a segment of the rotor wall to which it is to be mounted; a wear face opposite to the mounting face (56) for facing the interior of the rotor; and a side wall (58 58a c) extending between said mounting face (56) and said wear face the side wall (58 58a c) comprising a material retention surface (62 62a c) facing when in use said rotor wall segment thereby allowing material to be trapped under the material retention face (62 62a c).

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :20/03/2014

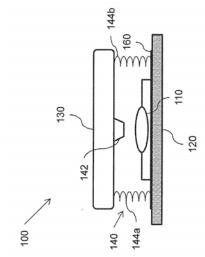
(43) Publication Date: 09/05/2014

(54) Title of the invention: IMPACT-RESISTANT SURFACE-MOUNTED ROOF SENSORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01L5/00,G01L1/16 :61/536,425 :19/09/2011 :U.S.A. :PCT/US2012/056117 :19/09/2012 :WO 2013/043724 :NA :NA	(71)Name of Applicant: 1)BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant: 201 West 7th Street, Austin, TX 78701 U.S.A. (72)Name of Inventor: 1)AYON, Arturo 2)HALLAM, Cory 3)GINN, Dylan
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(57) Abstract:

Various systems and techniques may be used to enhance the sensing loads on a roof surface. In some implementations, an impact-resistant surface-mounted roof sensor system may include a sensor, a protective cover, and a load transfer mechanism. The sensor may be adapted to sense a load incident thereon, and the protective cover may be configured to span at least the width of the sensor and adapted to withstand impacts from dense media and an direct incident load. The load transfer mechanism may be adapted to mechanically transfer a load applied on the protective cover to the sensor.



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

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: IMAGE DISPLAY UTILIZING PROGRAMMABLE AND MULTIPURPOSE PROCESSORS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:U.S.A. :NA :NA	(71)Name of Applicant: 1)EXELIS INC. Address of Applicant:1650 TYSONS BLVD.SUITE 1700 MCLEAN, VIRGINIA 22102.U.S.A. (72)Name of Inventor: 1)DAVID B.KAPLAN
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A display apparatus includes a programmable processor which receives sensor data and generates a first video signal. The apparatus further incudes a second processor configured to run an operating system and generates a second video signal. Video mixing logic of the display apparatus is configured to combine the first video signal and the second video signal into a third video signal which is displayed to the user on a display.

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

(22) Date of filing of Application :03/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : STORAGE AND ASSIGNMENT OF CONTROL TIMING CONFIGURATIONS IN A MULTIPLE CELL COMMUNICATIONS NETWORK

(51) International classification	:H04W72/04,H04L1/18	(71)Name of Applicant:
(31) Priority Document No	:61/522698	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:12/08/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/SE2012/050583	1)CHENG Jung Fu
Filing Date	:31/05/2012	2)LARSSON Daniel
(87) International Publication No	:WO 2013/025150	3)FRENNE Mattias
(61) Patent of Addition to Application	·NI A	4)BALDEMAIR Robert
Number	:NA	5)GERSTENBERGER Dirk
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Example embodiments are directed towards a network node and corresponding method for a configuration of scheduling or control timing for a user equipment in a multiple cell communications network. The configuration of scheduling or control timing being based on at least two ordered sets of timing configuration numbers each ordered set corresponding to a cell associated with the user equipment in the multiple cell communications network.

No. of Pages: 61 No. of Claims: 26

(21) Application No.476/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: A METHOD FOR PRODUCING TRIACYLGLYCEROL OIL

(51) International classification (31) Priority Document No	:C11B15/00,C11B7/00,A23D9/02 :PI2011004268	(71)Name of Applicant: 1)SIME DARBY MALAYSIA BERHAD
(32) Priority Date	:09/09/2011	Address of Applicant :19th Floor Wisma Sime Darby Jalan
(33) Name of priority country	:Malaysia	Raja Laut 50350 Kuala Lumpur Malaysia
(86) International Application No Filing Date	:PCT/MY2012/000118 :12/06/2012	(72)Name of Inventor:1)BIN MD.NOOR Ahmadilfitri2)BINTI OTHMAN Noor Hidayu
(87) International Publication No	:WO 2013/036096	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a method for producing a triacylglycerol oil containing 96.5% or more of triacylglycerol from refined palm oil. The method comprises the steps of heating an oil source containing triacylglycerol at a temperature between 45°C and 100°C rapidly cooling the oil source to a temperature in the range of 0°C to 35°C to form a solid fraction within the oil source holding the solid fraction and the oil source at the same temperature for a period between 5 and 500 minutes and separating the solid fraction from the oil source by filtration.

No. of Pages: 14 No. of Claims: 11

(21) Application No.521/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEM FOR ABATEMENT OF NOXIOUS EMISSIONS IN THE ATMOSPHERE FROM AN INDUSTRIAL OR NUCLEAR POWER PLANT

(51) International classification :G21D1/00,G21D1/02,G21D3/06 (71)Name of Applicant:

(31) Priority Document No :TO2011A000763 (32) Priority Date :11/08/2011

(33) Name of priority country :Italy

(86) International Application :PCT/IB2012/053858

:27/07/2012 Filing Date

(87) International Publication No:WO 2013/021308

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MARCOPOLO ENGINEERING S.P.A. SISTEMI

ECOLOGICI

Address of Applicant : Via XI Settembre 37 I 12011 Borgo San

Dalmazzo (Cuneo) Italy (72)Name of Inventor: 1)BERTOLOTTO Antonio

(57) Abstract:

A system for the abatement of noxious emissions from an industrial or nuclear power plant (1) or the like in the event of accident comprises: a structure for impermeabilization of the ground (10) which extends at least in an annular area (A1) that surrounds the plant (1); a plurality of water sprinkling towers (20 22) which are arranged around the plant (1) and sprinkle water in the atmosphere preferably added with chemical and/or biological and/or mineral substances; and a peripheral collection structure (50) configured for receiving water withheld by the impermeabilization structure (10).

No. of Pages: 44 No. of Claims: 15

(21) Application No.522/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ANTIMICROBIAL FORMULATIONS WITH PELARGONIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61L2/16,A61L101/32 :61/549661 :20/10/2011 :U.S.A. :PCT/US2012/059169 :08/10/2012 :WO 2013/059012 :NA :NA	(71)Name of Applicant: 1)ANITOX CORPORATION Address of Applicant:1055 Progress Circle Lawrenceville GA 30043 U.S.A. (72)Name of Inventor: 1)PIMENTEL Julio 2)RICHARDSON Kurt
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antimicrobial composition for extending the shelf life of water feed or feed ingredients comprising: water a mixture of CrC18 organic acids a mixture of CrC24 aldehydes 5 25 wt. % pelargonic acid and 5 30 wt. % trans 2 hexenal.

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

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ADAPTING A TRIGGERING THRESHOLD FOR CELL RE SELECTION MEASUREMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W48/16 :61/527381 :25/08/2011 :U.S.A. :PCT/SE2012/050891 :22/08/2012 :WO 2013/028128 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)TEYEB Oumer 2)DIMOU Konstantinos 3)MÜLLER Walter
- 1 000000	:NA :NA :NA	

(57) Abstract:

A base station (12) and a method therein for adapting a triggering threshold for cell re selection measurements performed by a mobile terminal (20) served by a macro cell (14). The macro cell (14) is supported by the base station (12) and the base station (12) and the mobile terminal (20) are comprised in a wireless communications network (10). The base station determines a serving cell signal strength threshold to be used for triggering cell re selection measurements by the mobile terminal (20) in dependence on the availability of small cells (18a 18b) within or neighboring the macro cell (14). The base station(12) further transmits the determined serving cell signal strength threshold to the mobile terminal (20).

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

(22) Date of filing of Application :08/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: MOTORIZED DRUM SHELL ARRANGEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02K21/22 :61/522587 :11/08/2011 :U.S.A. :PCT/US2012/050501	(71)Name of Applicant: 1)MOL BELTING SYSTEMS INC. Address of Applicant: 2532 Waldorf Court Grand Rapids MI 49544 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:13/08/2012 :WO 2013/023203 :NA	1)PAULIDES Johan H. 2)DEGROOT Michael Hendrik 3)HULSHOF Gerko 4)POPESCU Mircea
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)FOFESCU MIRCEA

(57) Abstract:

A motorized drum having a drum shell with a motor therein the motor having a stationary shaft stator windings and a stator support structure that is affixed to the stationary shaft. A rotor rotates coaxially around the stator and a cycloidal reducer has an output that rotates at a reduced rate. The reducer output is rotationally fixed to and is disposed within the drum shell. An input gear of the reducer received a hollow eccentric input shaft and is urged into eccentric motion as the input shaft rotates. The output gear urges the drum shell into rotation at same rate of rotation as the output gear. An harmonic drive speed reducer that has an input shaft provides rotatory motion to a wave generator that is disposed against a flexible splined member. The flexible splined member engages a rigid circular spline member at two radially opposed zones. Induction and permanent magnet forms of operation are used.

No. of Pages: 90 No. of Claims: 36

(21) Application No.534/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: PROGRESS BAR IS ADVERTISEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q30/02 :13/210,034 :15/08/2011 :U.S.A. :PCT/US2012/050792 :14/08/2012 :WO 2013/025716	3)STATCHURA,Greg 4)STATCHURA, Jean
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$\boldsymbol{\varepsilon}$:14/08/2012	, ,
(87) International Publication No	:WO 2013/025716	4)STATCHURA, Jean
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)DEVREE, Todd
Filing Date	.INA	2)DEVREE, Emily
(62) Divisional to Application Number	:NA	3)STATCHURA, Greg
Filing Date	:NA	4)STATCHURA, Jean

(57) Abstract:

A progress bar for a multi media device, such as a television or a computer, can depict digital media streaming or otherwise where a progress bar operates during the media playback function. One embodiment of the present invention includes the progress bar as an advertisement including company logos. The progress bar is the advertisement and is operable to morph into various positions allowing the advertisement to develop during the playing of the video. Marketers promote their logo as the progress bar to increase brand exposure.

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

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CONTROL VALVE SEALS AND CONTROL VALVES COMPRISING A CONTROL VALVE SEAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:B60T15/02,B60T15/18,B60T11/232 :10 2011 112 553.5 :06/09/2011 :Germany :PCT/DE2012/100266 :05/09/2012 :WO 2013/034148 :NA :NA	(71)Name of Applicant: 1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH Address of Applicant: Moosacher Str. 80, 80809 München, Germany (72)Name of Inventor: 1)HELLER, Martin 2)CZYPIONKA, Simon 3)PETTER, Thomas 4)HESSELBARTH, Udo 5)KRYLOV, Vladimir 6)ROMANOV, Sergey 7)SIMON, Timm
Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for braking a rail vehicle (2) having at least two wheels (8), comprising a central control device (12) for specifying a common control variable (14) for both wheels (8) and a decentralized control device (10) for each wheel (8) in order to control the wheels (8) individually on the basis of an individual control variable (32) that is dependent on the common control variable (14), said method comprising the steps: - receiving the common control variable (14) from the central control device (12) in one of the decentralized control devices (10); - determining (30) the individual control variable (32) on the basis of the common control variable (14); and - braking (38) the wheel (8) associated with the decentralized control device (10) on the basis of the individual control variable (32).

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR DETERMINING A ROLLING MATERIAL VELOCITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21B37/46 :11185033.5 :13/10/2011 :EPO :PCT/EP2012/067333 :05/09/2012 :WO 2013/053549 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)FELKL Hans Joachim
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(57) Abstract:

1w1GKKIn a method for determining an outlet side rolling material velocity (v) from a roll velocity (v) and a forward slip (s) associated therewith in a roll stand (4) having a mass flow controller (10) that processes the rolling material velocity (v) the forward slip (s) is calculated from a base value (s) and a correction value (s) and the correction value (s) is determined using a measured value (M) determined during the rolling process.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: DRIVE SYSTEM FOR A WIND TURBINE

:30/08/2012

(51) International classification :F03D9/00,F03D11/02,F16H1/28 (71)Name of Applicant:

(31) Priority Document No :11182708.5 (32) Priority Date :26/09/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/066864

No

Filing Date (87) International Publication No:WO 2013/045199

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

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor:

1)BÖING Alfons

2)DINTER Ralf Martin 3)DRABER Jürgen

4)KLEIN HITPASS Arno 5)KRETSCHMANN Frank 6)REIMERS Jan Dirk

7)SCHÖBERL Friedrich 8)ZEICHFÜSSL Roland

(57) Abstract:

The invention relates to a drive system having an integrated transmission and motor/generator unit for a wind turbine comprising a transmission output shaft designed as a hollow shaft which receives a sun shaft of an output side planetary gear stage and is connected thereto. The transmission output shaft comprises a transmission side end section of an insert shaft which is concentrically arranged within a rotor hollow shaft. The transmission output shaft additionally has a bearing for receiving radial and axial forces. The motor/generator unit has two dedicated bearings. One bearing thereof is a transmission side bearing. In addition a rear side generator bearing is provided.

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

(19) INDIA

(22) Date of filing of Application :08/03/2014

(21) Application No.487/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: WRISTWATCH KEYBOARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/08/2012 :WO 2013/025755 :NA :NA :NA	(71)Name of Applicant: 1)SCHAFFER Mark Address of Applicant: 196 Mt. Pleasant Avenue Rockaway NJ 07866 U.S.A. (72)Name of Inventor: 1)SCHAFFER Mark
Filing Date	:NA	

(57) Abstract:

The present invention discloses a data entry device to be worn on a person s wrist similar to a wrist watch. Dimples are arrayed around the periphery of a digital display on the device. The dimples provide both a locating means for finger placement and a boundary for sensing the shift of a pressure point within the shift in a preferred direction indicating a selection from a displayed menu to be made by lifting the finger from contact. A novel way of holding the device by its wrist band while fingering the dimples leads to a fluid method of keying functionalities for use as a phone and as an internet enabled device.

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

(21) Application No.540/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 09/05/2014

:WO 2013/024258

(54) Title of the invention: COMMUNICATION BUOY AND METHOD OF DEPLOYMENT

(51) International classification :B63B22/00,I (31) Priority Document No :1114233.8 (32) Priority Date :18/08/2011

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

(86) International Application No
Filing Date

(61) Patent of Addition to Application
Number :NA

(87) International Publication No

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

:B63B22/00,B63B22/18 (71)Name of Applicant :

1)ATLAS ELEKTRONIK UK LTD

Address of Applicant :Meadows Road Queensway Meadows Newport South Wales NP19 4SS U.K.

(72)Name of Inventor:

1)POINTER Stephen

2)PURNELL Daryl

(57) Abstract:

A buoy (20) for providing communications between an underwater craft or installation (10) and (5) remote radio communication apparatus (40) comprises a surface module (23) comprising radio communication apparatus and a submergible module (21) comprising acoustic communication apparatus. The surface module (23) is hermetically sealed on launch to the submergible module so that the buoy ascends to the water surface under its own buoyancy when launched from the underwater craft or installation. Flotation means are deployed from the buoy at the water 10 surface. The surface module is then separated from the submergible module at least partially to flood the submergible module to cause the submergible module to become negatively buoyant and to descend to a predetermined depth on an umbilical communication cable mechanically and operably linking the surface module to the submergible module.

No. of Pages: 21 No. of Claims: 28

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: CUTTING TOOL MADE OF CUBIC BORON NITRIDE-BASED SINTERED MATERIAL

(51) International classification :B23B27/14,B23B27/20,C04B41/87

(31) Priority Document No :2011-198016 (32) Priority Date :12/09/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/073292

Filing Date :12/09/2012

(87) International Publication :WO 2013/039093

(61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant:

1)MITSUBISHI MATERIALS CORPORATION

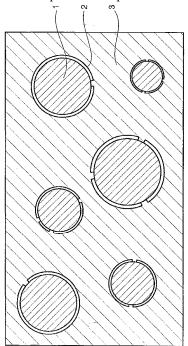
Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku,

Tokyo 1008117 JAPAN (72)Name of Inventor: 1)YANO Masahiro

2)OHASHI, Tadakazu 3)MIYASHITA Yosuke

(57) Abstract:

Provided is a cutting tool made of a cubic boron nitride-based sintered material which exhibits excellent resistance to chipping and resistance to defects in intermittent cutting of high hardness steel. The average diameter of cubic boron nitride particles in the cutting tool made of the cubic boron nitride based sintered material is 0.5 to 8 μ m. The surface of the cubic boron nitride particles is covered by an aluminum oxide film with an average thickness of 10 to 90 nm, said film having partially formed gaps therein. The average formation ratio (h/H) of the gaps satisfies $0.02 \le h/H \le 0.08$. Here, h represents the lengths of the gaps of the aluminum oxide film, and H represents the perimeter of the cubic boron nitride particles.



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

(12) THE INTERVITATE DETITION TO BETON

(21) Application No.585/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: ADHESIVE PATCH

(51) International classification :A61K9/70,A61K31/325,A61K47/32

:Japan

(31) Priority Document No :2011-189967 (32) Priority Date :31/08/2011 (33) Name of priority

country

(86) International

Application No :PCT/JP2012/072267

Filing Date (87) International

Publication No :WO 2013/031992

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

(71)Name of Applicant:

1)SEKISUI MEDICAL Co., Ltd.

Address of Applicant :13-5, Nihombashi 3-chome, Chuo-ku,

Tokyo 1030027 JAPAN (72)Name of Inventor: 1)KOMODA Toshikazu

(57) Abstract:

Provided is an adhesive patch which offers excellent rivastigmine storage stability and increase the skin permeability of rivastigmine to such an extent that the amount of percutaneous absorption needed to treat Alzheimers disease is obtained. This adhesive skin patch is characterized in comprising: a support; and an adhesive layer containing rivastigmine and a (meth)acrylic acid alkyl ester-based copolymer which does not contain any acrylic monomer component having a carboxy group, the adhesive layer being layered and integrated onto one side of the support.

No. of Pages: 36 No. of Claims: 7

(21) Application No.630/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD FOR PRODUCING PEPTIDE FRACTIONS AND USE THEREOF

(51) International classification :A23J3/34,C07K1/12,C07K1/16 (71)Name of Applicant :

(31) Priority Document No :10 2011 114 198.0 (32) Priority Date :22/09/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/DE2012/000931 Filing Date :21/09/2012

(87) International Publication No :WO 2013/041080

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

1)HOCHSCHULE OSTWESTFALEN-LIPPE Address of Applicant :Liebigstraße 87, 32657 Lemgo

Germany

(72)Name of Inventor: 1)DANNEEL, Hans-Jürgen

(57) Abstract:

Filing Date

The invention relates to a method for producing enriched peptide fractions from protein-containing raw materials, in which protein hydrolysates are separated using chromatography, according to the physiochemical properties thereof, by means of stationary phases with an aqueous solution as an elution agent.

No. of Pages: 17 No. of Claims: 19

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: HIGH STRENGTH STEEL PLATE AND MANUFACTURING METHOD THEREOF

(51) International classification: C22C38/38,C21D8/02,C21D9/46 (71) Name of Applicant: (31) Priority Document No 1)JFE STEEL CORPORATION :NA (32) Priority Date Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chivoda :NA (33) Name of priority country ku Tokyo 1000011 Japan :NA (86) International Application (72)Name of Inventor: :PCT/JP2011/072908 1)ONO Yoshihiko :28/09/2011 Filing Date 2)TAKAHASHI Kenji (87) International Publication 3)OKUDA Kaneharu :WO 2013/046476 4)FUSHIWAKI Yusuke (61) Patent of Addition to 5)SAKURAI Michitaka :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A high strength steel plate having excellent anti chipping low YP high BH and high El and further having reduced material variability in the coil and a manufacturing method thereof are provided. This high strength steel plate contains in mass% C: more than 0.015 and less than 0.100 Si: less than 0.50 Mn: more than 1.0 and less than 2.0 P: 0.05 or less S: 0.03 or less soluble Al: 0.01 0.3 N: 0.005 or less Cr: less than 0.35 B: 0.0010 0.0050 Mo: less than 0.15 Ti: less than 0.030 fulfills 2.1=[Mneq]=3.1 the remaining part being iron and unavoidable impurities and has ferrite and a second phase wherein the volume ratio of the second phase is 2.0 12.0% the volume ratio of martensite and residual gamma in the second phase is 60% or higher the number of carbides present in the ferrite particles and having an aspect ratio of 3.0 or less and a diameter of 0.25 0.90 μ m is 10000/mm or less. Represented by [Mneq]=[%Mn]+1.3[%Cr]+3.3[%Mo]+8[%P]+150B with B=[%B]+[%Ti]/48× 10.8×0.9+[%Al]/27×10.8×0.025 when B0.0022 then B is set to B=0.0022.

No. of Pages: 64 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: COMPOUNDS FOR TREATING CELL PROLIFERATION DISORDERS

(51) International classification	:C07D 213/00	(71)Name of Applicant:
(31) Priority Document No	:60/639,834	1)KINEX PHARMACEUTICALS, LLC.
(32) Priority Date	:28/12/2004	Address of Applicant :1207 DELAWARE AVENUE,
(33) Name of priority country	:U.S.A.	BUFFALO, NY 14209 U.S.A.
(86) International Application No	:PCT/US2005/047333	(72)Name of Inventor:
Filing Date	:28/12/2005	1)HANGAUER, DAVID, G.
(87) International Publication No	:WO/2006/071960	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 V /1	
(62) Divisional to Application Number	:2504/KOLNP/2007	
Filed on	.05/07/2007	

(21) Application No.549/KOLNP/2014 A

The present invention relates to compounds for treating cell proliferation disorders.

No. of Pages: 122 No. of Claims: 3

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD FOR PRODUCING DRY EXTRACTS

(51) International :A61K36/185,A61K36/515,A61K36/70 classification

(31) Priority Document :11178206.6

(32) Priority Date :19/08/2011

(33) Name of priority :EPO

country

(19) INDIA

(86) International :PCT/EP2012/066212 Application No

:20/08/2012 Filing Date

(87) International :WO 2013/026830

Publication No

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

(61) Patent of Addition to

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

(71)Name of Applicant:

(21) Application No.591/KOLNP/2014 A

1)BIONORICA SE

Address of Applicant: Kerschensteinerstrasse 11 15 92318

Neumarkt Germany

(72)Name of Inventor: 1)POPP Michael

(57) Abstract:

Rumicis herbaVerbena officinalisSambucus nigraPrimula verisGentiana luteaThe invention relates to a method for producing dry extracts of plants and to pharmaceutical preparations containing the same more particularly phytopharmaceuticals which contain at least one ethanolic/aqueous extract of a plant (drug) the plants being selected from the group consisting of: ;;;; and and mixtures thereof. The invention further relates to a pharmaceutical for treating inflammatory and/or infectious diseases of the nose and throat area and/or the nasal sinuses as well as the use thereof.

No. of Pages: 45 No. of Claims: 16

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : SYSTEM AND METHODS FOR CONTROLLING NETWORK TRAFFIC THROUGH VIRTUAL SWITCHES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04L12/24 :13/237,806 :20/09/2011 :U.S.A. :PCT/US2012/055923 :18/09/2012 :WO 2013/043604 :NA	(71)Name of Applicant: 1)BIG SWITCH NETWORKS, INC. Address of Applicant: 430 Cowper St., Suite 250, Palo Alto, CA 94301 U.S.A. (72)Name of Inventor: 1)ADAMS, Robert, Edward 2)DHAMI, Mandeep, Singh 3)TALAYCO, Daniel, E.
		1 ,

(57) Abstract:

A network may include network switches with network switch ports that may be coupled to end hosts. The network switches may be controlled by a controller such as a controller server. Virtual switches may be formed using the controller from groups of the network switch ports and the end hosts. Each virtual switch may include virtual interfaces associated with end hosts or network switches. Virtual links may be formed that define network connections between the virtual interfaces and end hosts or between two virtual interfaces. Virtual network policies such as selective packet forwarding, packet dropping, packet redirection, packet modification, or packet logging may be implemented at selected virtual interfaces to control traffic through the communications network. The controller may translate the virtual network policies into network switch forwarding paths that satisfy the virtual network policies.

No. of Pages: 65 No. of Claims: 24

(22) Date of filing of Application :23/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FAST DEGRADABLE POLYESTER POLYMER AND PREPARATION METHOD AND USE **THEREOF**

(51) International classification :C08G63/60,C08G63/78 (71)Name of Applicant : (31) Priority Document No :61/627430 :12/10/2011 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application No :PCT/CN2012/082770 Filing Date :11/10/2012

(87) International Publication No :WO 2013/071802

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

1)MOLECON (SUZHOU) NOVEL MATERIALS CO. LTD. Address of Applicant: 18 Zhanye Road Suite D 614 Suzhou

Industrial Park Suzhou Jiangsu 215122 China

(72)Name of Inventor: 1)HUANG Bin

(57) Abstract:

Disclosed are a fast degradable polyester polymer and a preparation method and the use thereof wherein the polymer is obtained by polycondensation of a non degradable segment A and a degradable segment B. The preparation method comprises: a) reacting a halogenated alkanoic acid (or ester)(such as methyl bromoacetate or methyl chloroacetate) or hydroxyl (or amino) alkanoic acid (or ester) with an aliphatic dicarboxylic acid (such as butanedioic acid) to synthetise the degradable segment B and then b) performing a polycondensation reaction of the non degradable segment A (such as bis(2 hydroxyalkyl) terephthalate BHET) with the degradable segment B. The polyester polymer not only has the property of ease processing but is also able to degrade quickly in the appropriate environment particularly ensuring the use thereof in beverage bottles food wrapping film shopping bags and other food packaging containers.

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

(21) Application No.490/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: MIXING DEVICE FOR MIXING AGGLOMERATING POWDER IN A SUSPENSION

(51) International classification :B01F3/12,B01F5/04,B01F5/06 (71)Name of Applicant : (31) Priority Document No :10 2011 082 862.1

(32) Priority Date :16/09/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/065990 Filing Date :16/08/2012

(87) International Publication No :WO 2013/037592

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

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor: 1)BLENDINGER Stefan 2)HARTMANN Werner

(57) Abstract:

Filing Date

The invention relates to a mixing device for mixing agglomerating powder (21) into a suspension consisting of a carrier fluid and particles suspended in said carrier fluid comprising a nozzle (4) for generating a suspension jet (20) a feeding device (12 13) for introducing the powder (21) into the suspension jet (20) a mixing chamber (7) which is designed to mix the particles with the powder (21) such that the powder (21) adheres to the particles and a diffuser (16) for stabilizing the suspension such that the particles in the suspension form agglomerates (22) said particles being attached by means of the powder (21).

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

(21) Application No.547/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: WAVE GRIPPING CORE SLEEVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/09/2012 :WO 2013/039987 :NA :NA :NA	(71)Name of Applicant: 1)HUBBELL INCORPORATED Address of Applicant: 40 Waterview Drive, P.O. Box 1000, Shelton, Connecticut 06484-1000 U.S.A. (72)Name of Inventor: 1)HOXHA, Vladimir
Filing Date	:NA	

(57) Abstract:

A wave gripping core sleeve for containing compression or crimping energy in bare conductor transmission power lines in full tension joints or dead end joints. The wave gripping core sleeve includes a plurality of interlocking members having a first end and a second end with a groove adjacent at least one of the ends. The first side of each interlocking member is engaged with the second side of an adjacent interlocking member. At least one resilient member wraps around the circumference of the interlocking members and is received in a channel formed by the aligned grooves. The interlocking members include a first set of ribs to engage the conductor in a first direction and a second set of ribs to engage the conductor in a second direction, opposite from the first direction.

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

(21) Application No.548/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRICYCLIC COMPOUNDS AS ANTICANCER AGENTS

(51) International classification :C07D417/06,C07D279/28,A61K31/5415

(31) Priority Document :61/523,897

No (32) Priority Date :16/08/2011 (33) Name of priority H.G.A.

country :U.S.A.

(86) International Application No :PCT/US2012/051097

Filing Date :16/08/2012

(87) International Publication No :WO 2013/025882

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

1)MT. SINAI SCHOOL OF MEDICINE

Address of Applicant :One Gustave L. Levy Place, Box 1675,

New York, NY 10029 U.S.A.

(72)Name of Inventor:

1)OHLMEYER, Michael 2)NARLA, Goutham 3)DHAWAN, Neil

4)KASTRINSKY, David

(57) Abstract:

Tricyclic chemical modulators of FOXO transcription factor proteins are disclosed. The compounds are useful to treat cancer, ageonset proteotoxicity, stress-induced depression, inflammation, and acne. The compounds are of phenothiazine, dibenzoazepine and annulene and similar genera.

No. of Pages: 152 No. of Claims: 43

(19) INDIA

(22) Date of filing of Application :18/03/2014

(21) Application No.590/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD OF GENERATING QUANTIZED BLOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/11/2012 :WO 2013/064098 :NA :NA	(71)Name of Applicant: 1)INFOBRIDGE PTE. LTD. Address of Applicant:10 ANSON ROAD #23-140 INTERNATIONAL PLAZA SINGAPORE 079903 SINGAPORE (72)Name of Inventor: 1)OH, SOO MI 2)YANG, MOONOCK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a method that derives an intra prediction mode of a prediction unit, selects an inverse scan pattern of a current transform unit among a diagonal scan, a vertical scan and a horizontal scan based on the intra prediction mode and a size of the transform unit, and generates a quantized block by inversely scanning significant flags, coefficients signs and coefficient levels according to the selected inverse scan pattern. If the transform unit is larger than a predetermined size, multiple subsets are generated and inversely scanned. Therefore, the amount of coding bits of the residual block is reduced by determining the scan pattern based on the size of the transform unit and the intra prediction mode, and by applying the scan pattern to each subset. Also, the signaling bits decreases by generating MPM group adaptively according to the neighboring intra prediction modes.

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

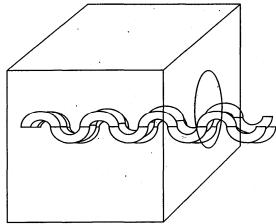
(22) Date of filing of Application :22/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CRYSTALLINE GRAPHENE AND METHOD OF MAKING CRYSTALLINE GRAPHENE

(51) International classification	:C01B31/04,C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:61/533045	1)BOARD OF TRUSTEES OF NORTHERN ILLINOIS
(32) Priority Date	:09/09/2011	UNIVERSITY
(33) Name of priority country	:U.S.A.	Address of Applicant :Office of General Counsel Altgeld Hall
(86) International Application No	:PCT/US2011/063548	330 DeKalb IL 60115 U.S.A.
Filing Date	:06/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2013/036272	1)HOSMANE Narayan S.
(61) Patent of Addition to Application	:NA	2)CHAKRABARTI Amartya
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of producing graphene comprises forming a composition comprising magnesium and carbon and isolating graphene from the composition. The isolated graphene is crystalline.



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

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ROLL CASTING METHOD WITH CRYOGENIC COOLING OF THE CASTING ROLLS

(51) International classification :B22D11/06,B22D11/22 (71)Name of Applicant : (31) Priority Document No 1) SIEMENS AKTIENGESELLSCHAFT :11184849.5 (32) Priority Date Address of Applicant: Wittelsbacherplatz 2 80333 München :12/10/2011 (33) Name of priority country :EPO Germany (86) International Application No (72)Name of Inventor: :PCT/EP2012/063451 Filing Date :10/07/2012 1)DAGNER Johannes (87) International Publication No :WO 2013/053506 2)MATSCHULLAT Thomas (61) Patent of Addition to Application 3)WINTER Günther :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A molten metal (4) is poured into a mold region (1) which is delimited on at least one side by a first casting roll (2) that rotates about a first rotational axis (3). A metal strand (4) which is produced by the solidification of the molten metal (4) is conveyed out of the mold region (1). A liquid coolant (7) is applied to the surface of the first casting roll (2) by a first cooling device (5) by means of a number of first coolant applying devices (6). The coolant (7) is fed to the first coolant applying devices (6) via first coolant lines (8). The coolant is inert with respect to the molten metal (4) said coolant having a standard boiling point below 20 °C in particular below 20 °C with respect to a normal air pressure and an operating temperature which lies at an operating boiling point or lower. The operating boiling point relates to an operating pressure (p) at which the coolant (7) is supplied. An actual property of the first casting roll (2) or an actual property of the metal strand (4) is detected by means of at least one sensor (15). The actual property is fed to a control device (14) of the first cooling device (5). The control device (14) automatically ascertains a control state of the first cooling device (5) dependent on the actual property fed to said control device and a corresponding target property and controls the first cooling device (5) in a corresponding manner.

No. of Pages: 23 No. of Claims: 11

(21) Application No.597/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: POWER GENERATING APPARATUS USING FLOWING WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1020110082573 :19/08/2011 :Republic of Korea :PCT/KR2011/007907 :21/10/2011 :WO 2013/027888 :NA :NA	(71)Name of Applicant: 1)HAN YoungTae Address of Applicant:431 902 Jugong Apt. Dunchon DongKangdong Gu Seoul 134 774 Republic of Korea (72)Name of Inventor: 1)HAN YoungTae
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a power generating apparatus using flowing water which converts the energy from the flow speed of the water for generating power to the rotational driving force of a rotating shaft wherein a plurality of blades (120) are mounted at a certain distance apart from each other on a chain of a chain circulating device (110) a first straight section (S1) and a second straight section (S2) in which the chain (111) moves in a straight line are formed on the chain circulating device (110) the blades (120) mounted on the chain circulating device (110) are immersed in water water passes through the blades (120a) in the first straight section (S1) and then passes through the blades (120b) in the second straight section (S2) the blades (120) are caught on a stopper (130) provided on the chain (111) so that the blades (120a) in the first straight section (S1) and the blades (120b) in the second straight section (S2) are maintained in an oblique line with respect to the chain (111) a first and second direction adjusting device (140 and 150) are arranged in a first and second curved section (C1 and C2) at which the chain (111) of the chain circulating device (110) passes sprockets (115 and 116) the oblique directions of the blades (120a) in the first straight section (S1) and the blades (120b) in the second straight section (S2) are arranged in mutual opposition by means of the first and second direction adjusting devices (140 and 150) the energy from the flow speed of water changes the circulating power of the chain (111) by means of the blades (120a) in the first straight section (S1) and the blades (120b) in the second straight section (S1) and the blades (120b) in the second straight section (S2) the sprockets (115 and 116) are driven by the chain (111) and the sprockets (115 and 116) drive rotating shafts (117 and 118).

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

(21) Application No.598/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : PRINTER FOR MINIMIZING ADVERSE MIXING OF HIGH AND LOW LUMINANCE INKS AT NOZZLE FACE OF INKJET PRINTHEAD

(51) International classification (31) Priority Document No	:B41J2/155,C09D11/40 :61/537063	(71)Name of Applicant: 1)ZAMTEC LIMITED
(32) Priority Date	:21/09/2011	Address of Applicant :61/62 Fitzwilliam Lane Dublin 2
(33) Name of priority country	:U.S.A.	Ireland
(86) International Application No	:PCT/EP2012/068206	(72)Name of Inventor:
Filing Date	:17/09/2012	1)PRASHAR Jognandan Kumar
(87) International Publication No	:WO 2013/041473	2)BISSON Adrian Peter
(61) Patent of Addition to Application	:NA	3)BROWN Brian Robert
Number	:NA	4)JARAMILLO Galo David
Filing Date	.1171	5)JURCEVIC Mile
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An inkjet printer includes an inkjet printhead having a plurality of color planes (1 5) for ejecting a plurality of different inks. Each color plane (1 5) has a nozzle row defined in a nozzle face of the printhead and each nozzle in a respective color plane is supplied with a same ink. The printhead is plumbed such that a first color plane ejecting a first ink having a relatively low luminance is sandwiched between second and third color planes ejecting respective second and third inks having a relatively high luminance. A plurality of ink reservoirs are in fluid communication with the printhead the ink reservoirs containing the first second and third inks. An amount of surfactant in the first ink is at least 0.4 wt% greater than an amount of surfactant in the second and third inks.

No. of Pages: 46 No. of Claims: 18

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: RECESS PLATE AND METHOD FOR DETECTING MEMBRANE LEAKAGE

(51) International classification :B01D25/12,B01D25/28,B01D35/143

(31) Priority Document No :11188604.0 (32) Priority Date :10/11/2011 (33) Name of priority

:EPO

country

(86) International :PCT/EP2012/071099

Application No Filing Date :25/10/2012

(87) International

Publication No :WO 2013/068235

(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)OUTOTEC OYJ

Address of Applicant : Riihitontuntie 7 D FIN 02201 Espoo

Finland

(72)Name of Inventor: 1)KILGUS Michael

(57) Abstract:

The invention relates to a recess plate for a membrane filter device the filter device having a stack of essentially identical recess plates the recess plates having recesses and the recesses forming filter chambers (3) between adjacent recess plates of the stack into which filter chambers (3) a suspension can be supplied on a cake side of a filter cloth and the suspension can permeate the filter cloth to a filtrate side thereof such that a solid content of the suspension deposits on the filter cloth as a filter cake each filter chamber (3) having a movable membrane the membrane and the recess plate enclosing a squeezing chamber the recess plate having an inlet duct (6) for inserting a pressurizing medium into the squeezing chamber for mechanical pressing out of the respective filter cake. The invention further relates to a method for detecting membrane leakage in such membrane filter device. According to the invention it is suggested that for each of the filter chambers (3) a shut off valve (7) is provided for shutting the duct and a measuring device (8) for measuring pressure inside the squeezing chamber and that the pressurizing medium is supplied into the respective squeezing chamber is monitored and detecting a decrease in the pressure is considered as evidence for a leakage of the respective membrane.

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

(21) Application No.595/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: TRANSMISSION OF AN ELECTRICAL CURRENT VIA A SLIDING CONTACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60L5/20 :11 58554 :26/09/2011 :France :PCT/FR2012/052157 :26/09/2012 :WO 2013/045824 :NA :NA :NA	(71)Name of Applicant: 1)MERSEN FRANCE AMIENS SAS Address of Applicant:10 avenue Roger Dumoulin F 80080 Amiens France (72)Name of Inventor: 1)FARDEL Guillaume
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(57) Abstract:

The invention relates to the transmission of an electrical current via a sliding contact. The invention likewise relates to a device (100) for transmitting an electrical current between two elements that are movable relative to each other by means of a strip (30) containing carbon which extends in a longitudinal direction and is designed to rub against one of said elements so as to transmit an electrical current said transmission device including: a strip holder (6) and bearing means (10) designed to exert force on the strip (30) which urges same against the holder (6) said force being transverse relative to the longitudinal direction wherein the bearing means (10) and/or the holder (6) are shaped so as to occupy only a portion of the length of the strip (30) in the longitudinal direction.

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

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : MATERIAL DISTRIBUTION APPARATUS AND MATERIAL DISTRIBUTION CONTROL METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:07/12/2012 :WO 2014/029179	(71)Name of Applicant: 1)ZOOMLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY CO. LTD. Address of Applicant: NO.361 Yinpen South Road Yuelu District Changsha Hunan 410013 China (72)Name of Inventor: 1)HUANG Ke 2)WU Binxing
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	2)WU Binxing 3)GUO Gang 4)KUANG Hao 5)WU Dezhi
Filing Date	:NA	

(57) Abstract:

A material distribution control method for a material distribution apparatus; the material distribution boom (1) of the material distribution apparatus comprises at least two boom sections; the method comprises the following steps: firstly controlling the first boom section (2) of the material distribution boom (1) to move to a vertical state and maintaining the first boom section (2) in the vertical state; and secondly controlling the other boom section of the material distribution boom (1) to move so as to distribute materials. Also provided is a material distribution apparatus comprising at least two boom sections sequentially hinged and capable of folding and extending relative to each other; the first boom section (2) of the material distribution boom (1) is hinged on the supporting base of the material distribution apparatus; the material distribution apparatus further comprises a locking device for locking the first boom section (2) in the vertical locking position. The material distribution control method relatively reduces the supporting span and supporting strength of a retractable stabilizer (3) while ensuring the material distribution stability of the material distribution apparatus.

No. of Pages: 38 No. of Claims: 14

(21) Application No.641/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CONNECTING PIECE OF A TRANSPORT LINE

(51) International :F16K17/16,F16K17/40,F28F27/00

classification .F10K1//10,F10K1//40,F (31) Priority Document No :11179847.6

(31) Priority Document No :1117/9847.6 (32) Priority Date :02/09/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/067086

Filing Date :03/09/2012

(87) International Publication :WO 2013/030405

No .w

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

(62) Divisional to Application
Number: NA
:NA

Filing Date

(71)Name of Applicant: 1)AUROTEC GMBH

Address of Applicant :Wartenburgerstrae 1a A 4840

Vöcklabruck Austria (72)Name of Inventor : 1)ZIKELI Stefan 2)ECKER Friedrich

(57) Abstract:

The invention relates to a tempered connecting piece (1) for transporting a viscous fluid comprising an excess pressure release component (2) which separates the inside of the connecting piece from a discharge line (4) and is fixed to an outer edge (5) on the discharge line. The invention is characterized in that the excess pressure release component is designed to release the discharge line in the event of predetermined excess pressure and a mixing element which thoroughly mixes a fluid flow in the region of the excess pressure release component is arranged in the inside of the connecting piece.

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

(22) Date of filing of Application :23/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: HEAT EXCHANGER PIPE SYSTEM

(51) International classification :F28D7/00,F28D7/08,F28F13/08 (71)Name of Applicant:

(31) Priority Document No :11179852.6 (32) Priority Date :02/09/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/067080

Filing Date :03/09/2012

(87) International Publication No: WO 2013/030402

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

(62) Divisional to Application :NA Number :NA

Filing Date

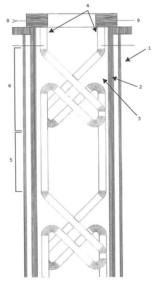
1)AUROTEC GMBH

Address of Applicant : Wartenburgerstrae 1a A 4840

Vöcklabruck Austria (72)Name of Inventor: 1)ZIKELI Stefan 2) ECKER Friedrich

(57) Abstract:

The present invention relates to a heat exchanger pipe system for transporting viscous fluids comprising a plurality of individual heat exchangers designed as pipe elements and having a predefined control temperature and/or pressure distribution along the pipe system and in the cross section of the pipes. The invention in characterized in that heat exchangers which are in the form of pipe elements are arranged at regular distances in the pipe system. The regular distances are selected in such a manner that a predetermined temperature and/or pressure distribution is maintained along the pipe system tempering means of a viscous fluid transported in the heat exchanger pipe are arranged in the heat exchangers and optional mixing elements which are used to maintain in accordance with the pipe cross section a predetermined temperature and pressure distribution in the cross section of the pipes and at least 30% of the length of the heat exchanger pipe system is equipped with heat exchangers. The invention also relates to a method for transporting viscous fluids by means of heat exchanger pipes.



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

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR THE SAFE SPONTANEOUS TRANSMISSION OF CONFIDENTIAL DATA OVER UNSECURE CONNECTIONS AND SWITCHING COMPUTERS

(21) Application No.601/KOLNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L9/08 :102011083062.6 :20/09/2011 :Germany :PCT/EP2012/068115 :14/09/2012 :WO 2013/041460 :NA :NA	(71)Name of Applicant: 1)HOCCER GMBH Address of Applicant: Molkenmarkt 2 10179 Berlin Germany (72)Name of Inventor: 1)MAYER Pavel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and system for the transmission of data using a) at least a first stationary and/or mobile communications transmitting device; b) at least one additional second communications transmitting device; c) a switching unit that can be reached from all communications end devices through a data network characterised in that d) the communications end devices transmit data to the switching unit which is encrypted with a symmetric encryption process and e) transmit the symmetric key encrypted with a public key of a key pair to the switching unit enabling the switching unit to send it to other communications end devices f) which are capable of accessing the information saved by the switching unit and decrypting it when in possession of a corresponding private key.

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: NON MELT AND PARTIAL MELT TYPE ENTRAINED FLOW BED GASIFIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10J3/48,C10J3/00 :1020120047535 :04/05/2012 :Republic of Korea :PCT/KR2013/003598 :26/04/2013 :WO 2013/165122 :NA :NA	(71)Name of Applicant: 1)INSTITUTE FOR ADVANCED ENGINEERING Address of Applicant:526 Namdaemunno 5 ga Jung gu Seoul 100 095 Republic of Korea (72)Name of Inventor: 1)CHUNG Seok Woo 2)LEE Seung Jong 3)KIM Dae Sung 4)YUN Yong Seung 5)LEE Jin Wook
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(57) Abstract:

The present invention relates to a cylindrical non melt and partial melt type entrained flow bed gasifier with one or more burners mounted on the top thereof for supplying pulverized raw coal and oxidizer thereto wherein each of the burners comprises three or four pipes so as to form a central supplying line for injecting the pulverized coal with a carrier gas into the gasifier a primary oxidizer annular region around the central supplying line having a plurality of primary oxidizer supplying bores for injecting primary oxidizer vertically or at an angle to the injection region of the pulverized coal supplied through the central supplying line so as to direct the pulverized coal to the central region and an outer cooling annular region around the primary oxidizer annular region for flowing cooling water which is operated preferably at a temperature range of 1 2501 450°C or of 1 1501 500°C according to the properties of the coal. According to the present invention the pulverized coal and oxidizer are properly mixed and the pulverized coal is directed towards the middle of the gasifier so that the reaction is completed with the ash being wholly non melted or partially melted.

No. of Pages: 46 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.648/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: METHOD FOR PREPARING A TUBULAR MANUFACTURE SUCH AS A HOSIERY ITEM OR THE LIKE FOR AUTOMATED PICK UP AT THE END OF ITS FORMATION ON A DOUBLE CYLINDER CIRCULAR MACHINE WITH AT LEAST ONE FEED OR DROP AND DOUBLE CYLINDER CIRCULAR MACHINE FOR PERFORMING THE 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 	:MI2011A001683 :19/09/2011 :Italy	(71)Name of Applicant: 1)LONATI S.P.A. Address of Applicant: Via Francesco Lonati 3 I 25124 Brescia Italy (72)Name of Inventor: 1)LONATI Ettore 2)LONATI Tiberio 3)LONATI Fausto
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(57) Abstract:

A method for preparing a tubular manufacture such as a hosiery item or the like for automated pick up at the end of its formation on a double cylinder circular machine with at least one feed or drop and a double cylinder circular machine for performing the method. The method includes at least the following steps: a first step which consists in transferring or retaining all the needles (8) in the lower needle cylinder (4) with the loops of the last formed row of knitting of the manufacture engaged in the upper head (9a) of the needles (8) tensioning the manufacture downward inside the lower needle cylinder (4); a second step which consists in moving all the needles (8) to the tuck stitch position; a third step which consists in pushing upward the portion of the manufacture engaged with the needles (8); a fourth step which consists in disengaging the sinkers (33) from the manufacture so that said manufacture due to the upward thrust moves so that the loops of its last row of knitting (80) are in the upper head (9a) of the needles (8); a fifth step which consists in lifting the needles (8) into the dropped stitch position keeping the manufacture pushed upward in order to keep the loops of the last row of knitting (80) in the upper head (9a) of the needles (8).

No. of Pages: 50 No. of Claims: 10

(21) Application No.562/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD FOR DATA MAINTENANCE

(51) International classification (31) Priority Document No	:G06F17/30 :13/224415	(71)Name of Applicant: 1)COMPUVERDE AB
(32) Priority Date(33) Name of priority country	:02/09/2011 :U.S.A.	Address of Applicant :Ö Vittusgatan 36 S 371 33 Karlskrona Sweden
(86) International Application No		(72)Name of Inventor :
Filing Date	:29/08/2012	1)BERNBO Stefan
(87) International Publication No	:WO 2013/030217	2)MELANDER Christian
(61) Patent of Addition to Application Number	:NA	3)PERSSON Roger 4)PETERSSON Gustav
Filing Date	:NA	4)I ETERSSON Gustav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for data storage implemented in a data storage system is disclosed. Data storage nodes may be interconnected by means of a communications network. The method may include sending a request for a first data item to a plurality of storage nodes. The first data item may include a reference to a second data item stored in the storage system. The method may include receiving the first data item from at least one storage node and sending a request for the second data item to the plurality of storage nodes based on the reference included in the first data item.

No. of Pages: 27 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: LAPAROSCOPIC DEVICE

(51) International classification	:A61B1/00,A61B1/06	(71)Name of Applicant :
(31) Priority Document No	:215106	1)CLEANOSCOPE INC.
(32) Priority Date	:12/09/2011	Address of Applicant :Nevis Business Corporation c/o Michel
(33) Name of priority country	:Israel	Van Wymersch Moons Jan Van Rijswijcklaan 164/14 B 2020
(86) International Application No	:PCT/IL2012/000337	Antwerpen Belgium
Filing Date	:10/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/038401	1)SHERWIN Daniel
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.563/KOLNP/2014 A

(57) Abstract:

The invention is a laparoscopic device comprising an internal light source located at the distal end of the handle section a central core comprising an optical system and a light guide in the form of a cylindrical tube that is slipped over the central core. The light guide is adapted to cause the light emitted by the internal light source to propagate through it by internal reflection until light exits the light guide at the distal end of the laparoscope.

No. of Pages: 16 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: PROGRAMMABLE ARRAYS

(51) International classification :B01J19/00,C12N15/10,C40B40/08

(31) Priority Document No :61/551,128 (32) Priority Date :25/10/2011

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

(86) International Application :PCT/US2012/061702

Filing Date :24/10/2012

(87) International Publication :WO 2013/063126

No

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

(62) Divisional to Application
Number
:NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

(21) Application No.604/KOLNP/2014 A

1)ARIZONA BOARD OF REGENTS, a body corporate of the state of arizona, acting for and on behalf of ARIZONA

STATE UNIVERSITY

Address of Applicant :1475 N. Scottsdale Road, Suite 200,

Scottsdale, AZ 85257 U.S.A. (72)Name of Inventor:

1)WIKTOR, Peter 2)LABAER, Joshua 3)KAHN, Peter

4)TAKULAPALLI, Bharath

5)QIU, Ji 6)BRUNNER, Al 7)MAGEE, Mitch

Biomolecule arrays on a substrate are described which contain a plurality of biomolecules, such as coding nucleic acids and/or isolated polypeptides, at a plurality of discrete, isolated, locations. The arrays can be used, for example, in high throughput genomics and proteomics for specific uses including, but not limited molecular diagnostics for early detection, diagnosis, treatment, prognosis, monitoring clinical response, and protein crystallography.

No. of Pages: 73 No. of Claims: 36

(21) Application No.605/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: LED ILLUMINATION DEVICE

(51) International classification :F21V29/00,F21S2/00,F21Y101/02

(31) Priority Document No :2011-205587 (32) Priority Date :21/09/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/005943

Filing Date :19/09/2012

(87) International Publication :WO 2013/042351

No

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

(62) Divisional to Application
Number
Siling Date
:NA

Filing Date (57) Abstract :

(71)Name of Applicant: 1)SOLECO CO., LTD.

Address of Applicant :1-7-1, Nakase, Mihama-ku, Chiba-shi,

Chiba 2610023 JAPAN (72)Name of Inventor:
1)PARK, Jongkook
2)OKAMOTO, Taro
3)KATOU, Kazuhiro

4) ISHIKAWA, Mitsuyoshi

Disclosed is an LED illumination device of a straightforward construction, in which thermal resistance can be suppressed to a low level and in which heat generated from the LED element can be efficiently radiated. Rigidity of a mounting plate (16A) is guaranteed by a high wall (1622), making it possible to withstand the saturated vapour pressure of the working fluid (28) for cooling that acts on the mounting plate (16A) and also the vacuum condition or reduced-pressure condition close to vacuum when the working fluid (28) for cooling is introduced, without deformation of the mounting plate (16A). Consequently, the rigidity of the mounting plate (16A) is secured by the wall (1622), so the wall (1620) constituting the bottom face (1610A) of the recess (1610) can be made thin, which is extremely advantageous for efficient cooling of the LED element (14), by efficient conduction of the heat generated from the LED element (14) to the working fluid (28) for cooling.

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : DOUBLE BED CIRCULAR KNITTING MACHINE WITH DEVICE FOR CORRECTING AUTOMATICALLY VARIATIONS OF THE DISTANCE BETWEEN THE NEEDLE CYLINDER AND THE DIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:D04B9/06 :MI2011A001657 :15/09/2011 :Italy :PCT/EP2012/067096 :03/09/2012 :WO 2013/037654 :NA :NA	(71)Name of Applicant: 1)SANTONI S.P.A. Address of Applicant: Via Carlo Fenzi 14 I 25135 Brescia Italy (72)Name of Inventor: 1)LONATI Ettore 2)LONATI Fausto 3)LONATI Tiberio
Number		3)LONATI Tiberio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A double bed circular knitting machine with device for correcting automatically variations of the distance between the needle cylinder and the dial. The machine comprises a supporting structure (2) which supports so that it can rotate about its own vertically oriented axis (3) a needle cylinder (4) and a dial (5) which is arranged above and coaxially to the needle cylinder (4). The needle cylinder (4) has on its lateral surface a plurality of axial slots (6) each of which accommodates slidingly a needle (7) that can be actuated with an alternating motion along the corresponding axial slot (6) to form knitting. The dial (5) has a plurality of radial slots (10) each of which accommodates slidingly a needle (11) that can be actuated with alternating motion along the corresponding radial slot (10) to form knitting. Means (14) are provided for feeding threads (15) to the needles (7 11). The machine comprises a device (16) for correcting automatically the variations of the distance between the needle cylinder (4) and the dial (5). The device comprises: means (17) for detecting the tension of n threads (15) fed to the needles (7 11) of the machine to form knitting; movement means (18) which are connected to the dial (5) and can be actuated to actuate the movement of the dial (5) along its axis (3) with respect to the needle cylinder (4); an actuation and control element (19) of the electronic type which is functionally connected to the tension detection means (17) and is adapted to actuate the movement means (18) as a function of the tension of the threads (15) detected by the tension detection means (17).

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

(22) Date of filing of Application: 17/03/2014

(21) Application No.576/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: ADDITIVES FOR HYDROGEN/ BROMINE CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M8/18 :61/537 622 :22/09/2011 :U.S.A. :PCT/IL2012/000349 :23/09/2012 :WO 2013/042110 :NA :NA :NA	(71)Name of Applicant: 1)BROMINE COMPOUNDS LTD. Address of Applicant: P.O. Box 180 84101 Beer Sheva Israel (72)Name of Inventor: 1)MAGNES Ben Zion 2)LANCRY Eli 3)BERGSTEIN FREIBERG Mira
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(57) Abstract:

(19) INDIA

The invention relates to the use of 1 alkyl 2 alkyl pyridinium halide (e.g. 1 ethyl 2 methyl pyridinium bromide) 1 alkyl 3 alkyl pyridinium halide (e.g. 1 ethyl 3 methyl pyridinium bromide) or 1 alkyl 3 alkyl imidazolium halide (e.g. 1 butyl 3 methyl imidazolium bromide) as additives in an electrolyte used in hydrogen/bromine cells for complexing the elemental bromine formed in such cells. The invention also provides an electrolyte comprising aqueous hydrogen bromide and said additives and processes for operating an electrochemical flow cell selected from the group consisting of hydrogen/bromine or vanadium/bromine cells.

No. of Pages: 24 No. of Claims: 10

(21) Application No.577/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: A METHOD OF OPERATING METAL BROMINE CELLS

(51) International classification(31) Priority Document No(32) Priority Date	:H01M2/40,H01M10/36,H01M12/08 :NA :NA	(71)Name of Applicant: 1)BROMINE COMPOUNDS LTD. Address of Applicant: P.O.Box 180 84101 Beer Sheva Israel (72)Name of Inventor:
(33) Name of priority country	:NA	1)BERGSTEIN FREIBERG Mira 2)BEN DAVID Iris
(86) International Application No Filing Date	:PCT/IL2011/000747 :21/09/2011	3)MAGNES Ben Zion 4)LANCRY Eli
(87) International Publication No	:WO 2013/042103	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for generating elemental bromine in bromide containing electrolyte solution suitable for use in a metal bromine cell comprising chemically oxidizing bromide (Br) in said electrolyte solution in an acidic environment to produce elemental bromine. The invention also provides a method for operating metal bromine cell.

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

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: REGENERATOR FOR CATALYTIC CRACKING UNIT WITH EXTERNAL CYCLONES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1157665 :31/08/2011 :France	(71)Name of Applicant: 1)TOTAL RAFFINAGE FRANCE Address of Applicant: 2 Place Jean Millier La Dfense F 92400 Courbevoie France (72)Name of Inventor: 1)LLAMAS Juan David 2)BERRIC Guillaume
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(57) Abstract:

Regenerator for catalytic cracking unit comprising a first part occupied by a dense fluidised bed of catalyst particles and a second part arranged above the first occupied by a low density fluidised bed of catalyst particles said second part comprising a liner covering by projecting on the plane of the section of said regenerator container at least 80% of said section said regenerator being provided with at least a cyclone for the gas / solids separation of the mixture from the low density bed said cyclone being positioned outside said container of the regenerator.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: SYSTEM AND METHOD FOR CLOUD-BASED IMPLEMENTATION OF CONTROL OF FOCUSED OVERLOAD OF NETWORK ELEMENT (COFO-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 	:H04L 12/24 :61/541,381 :30/09/2011 :U.S.A. :PCT/US2012/057783 :28/09/2012 :WO 2012/049480 A3 :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, GUANGDONG, SHENZHEN, 518057 PEOPLE'S REPUBLIC OF CHINA 2)ZTE (USA) INC. (72)Name of Inventor: 1)KHASNABISH, BHUMIP
- 1 000000	:NA :NA :NA	1)KHASNABISH, BHUMIP

(57) Abstract:

A system and method for cloud-based implementation of control of focused overload of network elements is disclosed. Resource blocks are obtained for a signaling part of a network element from a variety of networked resources. The resource blocks are integrated into a pool and a unified view is presented to applications and services communicating with the signaling part of the network element. The signaling part of the network element controls allocation of resources from a media part of the network element via instructions over virtual private network links. Resource blocks for the media part of the network element are obtained from a variety of networked resources, wherein the resource blocks are integrated into a pool and a unified view is presented to the signaling part of the network element. The media part of the network element uses the resource blocks for the applications and services for a duration of time, and additional borrowed resources are released after successful utilization.

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

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: OPTICAL SYSTEM AND METHOD TO MIMIC ZERO-BORDER DISPLAY

(51) International classification	:G06G 3/00	(71)Name of Applicant :
(31) Priority Document No	:13/251,103	1)APPLE INC.
(32) Priority Date	:30/09/2011	Address of Applicant :1 INFINITE LOOP, M/S 36-2PAT,
(33) Name of priority country	:U.S.A.	CUPERTINO, CA 95014 U.S.A.
(86) International Application No	:PCT/US2012/058131	(72)Name of Inventor:
Filing Date	:28/09/2012	1)RAPPOPORT, BENJAMIN M.
(87) International Publication No	:WO 2013/049729	2)ROTHKOPF, FLETCHER R.
(61) Patent of Addition to Application	:NA	3)TERNUS, JOHN P.
Number	*	4)DRZAIC, PAUL S.
Filing Date	:NA	5)SCOTT, ANDREW MYERS
(62) Divisional to Application Number	:NA	6)LYNCH, STEPHEN BRIAN
Filing Date	:NA	v)2 11, 011, 0 121 1221, 2 1221,
1 ming Bute	.1 17 1	

(57) Abstract:

A system and methods to extending the overall display area for a device. At or near the borders of a device, pixel pitch between adjacent pixels may be increased such that overall pixel placement may be provided closer to a border of a display of a device. In one embodiment, pixel drive circuitry may be located in the spacing between adjacent pixels. Additionally, various optical systems and techniques may be utilized to provide an appearance of a lack of a border around the display such as decreasing the size of border pixels, overdriving the border pixels, or utilizing a light pipe on a surface above the border pixels.

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

(21) Application No.587/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : INFUSION DEVICE FOR MAKING BEVERAGES USING CARTRIDGES, SUCH AS CAPSULES OR PODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:VR2011A000180 :19/09/2011 :Italy :PCT/IB2012/054762 :13/09/2012 :WO 2013/042016 :NA	(71)Name of Applicant: 1)CAFFITALY SYSTEM S.P.A. Address of Applicant: Via Panigali 38 I-40041 Gaggio Montano (Bologna) ITALY (72)Name of Inventor: 1)DEGLI ESPOSTI VENTURI, Roberto
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An infusion device for making beverages using cartridges, such as capsules or pods, comprises an infusion unit (3) comprising at least two parts, at least one of which is able to move between a home position in which a cartridge (2) can be inserted in the unit (3) and an operating position, a motor (13) operatively connected to the mobile part (4) for moving it between the operating position and the home position, and a device (1) operation check and control unit (35), connected to a detection sensor (49, 50) combined with a cartridge (2) insertion section (34), for detecting respectively something approaching it from the outside of the unit (3) or the insertion of something in it; the check and control unit (35) being programmed to bring at least the mobile part (4) to the home position and/or to the operating position when it receives or, respectively, after having received from the detection sensor (50) a signal indicating the presence of something approaching or, respectively, inserted.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: OPTIMIZED ULTRA LARGE AREA OPTICAL FIBERS

(51) International classification	:G02B6/02,G02B6/036	(71)Name of Applicant:
(31) Priority Document No	:13/239,121	1)OFS FITEL, LLC
(32) Priority Date	:21/09/2011	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/US2012/050562	(72)Name of Inventor:
Filing Date	:13/08/2012	1)LINGLE, Robert, L.
(87) International Publication No	:WO 2013/043275	2)PECKHAM, David, W.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Certain embodiments of the invention may include optimized trench-assisted ultra large area (ULA) optical fibers. According to an example embodiment of the invention, a trench-assisted optical fiber, optimized for microbending and figure -of-merit (FOM) performance is provided. The optical fiber includes a core region having a longitudinal axis, a shelf region surrounding said core region, a cladding region surrounding said shelf region, said core and shelf and cladding regions configured to support and guide the propagation of signal light in a fundamental transverse mode in said core and shelf regions in the direction of said axis, the cladding region including an inner trench and an outer trench. The optical fiber further includes a core effective area (Aeff) of between 135 $\mu\mu$ 2 and about 170 $\mu\mu$ 2; a figure of merit (FOM) frontier distance less than about 0.8 dB; and a microbend frontier (MBF) distance of less than about 90%.

No. of Pages: 49 No. of Claims: 22

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: METHOD OF DRIVING A CAPACITIVE LOAD AND DRIVE CIRCUIT 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 	:28/08/2012 :WO 2013/030560 :NA :NA :NA	(71)Name of Applicant: 1)GLOBAL INKJET SYSTEMS LIMITED Address of Applicant: The Jeffreys Building, Cowley Road, Cambridge, Cambridgeshire, CB4 0DS U.K. (72)Name of Inventor: 1)PENBERTH, Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for driving a capacitive load using a target voltage waveform having a peak voltage and an average rise and fall slew rate wherein the average rise and fall slew rates comprise at least one voltage step the method comprising supplying power from an input to an output for charging a capacitive load to obtain a peak voltage and average rise slew rate in response to the target waveform; discharging the capacitive load to obtain an average fall slew rate in response to the target waveform and returning the discharged power from the capacitive load to the input.

No. of Pages: 29 No. of Claims: 24

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: RESIDUAL QUANTITY REDUCTION MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D83/38 :2011-187222 :30/08/2011 :Japan :PCT/JP2012/070802 :16/08/2012 :WO 2013/031546 :NA :NA :NA	(71)Name of Applicant: 1)TOYO AEROSOL INDUSTRY CO., LTD. Address of Applicant: 18-1, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022 JAPAN (72)Name of Inventor: 1)HANAI Nobuyuki 2)OGATA Ken 3)SHIMIZU Hirokazu
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(57) Abstract:

The present invention relates to a residual quantity reduction member with which a space with a circumference closed by a pressurized fluid is prevented from being generated and a final residual quantity of a discharged content is reduced. The residual quantity reduction member of the present invention has a simple structure, is manufactured with ease, easily installed at an inner side of an inner bag, and capable of discharging the content smoothly. The residual quantity reduction member (110), which is installed at the inner side of the flexible inner bag (102) disposed in an aerosol container (100) to reduce the final residual quantity of the discharged content (F), comprises a mounting portion (120) formed of a solid rod-shaped body and installed in such a manner that the content (F) may flow into an inlet (103) of the inner bag (102), and a guiding portion (130) where a plurality of guide grooves (131) are formed in an outer circumferential longitudinal direction.

No. of Pages: 38 No. of Claims: 13

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: BEND LIMITED FLEXIBLE OPTICAL INTERCONNECT DEVICE FOR SIGNAL DISTRIBUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/46 :13/230117 :12/09/2011 :U.S.A. :PCT/US2012/054263 :07/09/2012 :WO 2013/039790 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS CORPORATION Address of Applicant:1050 Westlakes Drive Berwyn PA 19312 U.S.A. (72)Name of Inventor: 1)EBERLE JR. James Joseph
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(57) Abstract:

The invention relates to a bend limiting structure for preventing a flexible optical circuit from being bent too sharply. More particularly the invention involves adding a bend limiting layer or layers to the flexible optical circuit and/or any housing or other structure within which it is enclosed or to which it is attached. The bend limiting layer may comprise a plurality of blocks arranged in a line or plane and joined by a flexible film that is thinner than the blocks with the blocks positioned close enough to each other so that if that plane of blocks is bent a predetermined amount the edges of the blocks will interfere with each other and prevent the plane from being bent any further. The blocks may be resilient also to provide a less abrupt bend limiting stop.

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

(21) Application No.594/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DYE COMPOSITION COMPRISING A CATIONIC PARA AMINOPHENOL OXIDATION BASE

(51) International classification (31) Priority Document No	:A61K8/41,A61Q5/10,C07D295/135 :1158216	(71)Name of Applicant: 1)LOREAL Address of Applicant: 14 rue Royale F 75008 Paris France
(32) Priority Date	:15/09/2011	(72)Name of Inventor:
(33) Name of priority country	:France	1)FADLI Aziz
(86) International Application No Filing Date	:PCT/EP2012/067984 :13/09/2012	
(87) International Publication	ⁿ :WO 2013/037907	
(61) Patent of Addition to Application Number Filing Date (62) Divisional to	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a para aminophenol compound of formula (I) the addition salts thereof with an acid and the solvates thereof dye composition comprising the latter and a dyeing process.

No. of Pages: 55 No. of Claims: 13

(21) Application No.639/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: EXTRUSION METHOD AND DEVICE

(51) International classification :D01D5/088,D01F2/00,C08J5/18 (71)Name of Applicant: (31) Priority Document No :11179865.8

(32) Priority Date :02/09/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/067078

No :03/09/2012 Filing Date

(87) International Publication No:WO 2013/030400

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

:NA Number :NA 1)AUROTEC GMBH

Address of Applicant: Wartenburgerstrae 1a A 4840

Vöcklabruck Austria (72)Name of Inventor: 1)ZIKELI Stefan 2) ECKER Friedrich

Filing Date

(57) Abstract:

The invention relates to a method for producing solid material filaments or films from a fluid of the material by extruding the fluid by means of one or more extrusion openings and by solidifying the material in a precipitation bath. The formed material is guided between the extrusion openings and the precipitation bath by a lateral gas flow. The invention is characterized in that the gas flow is subdivided into a hot partial flow and a cold partial flow. The material is initially brought into contact with the hot partial flow and subsequently with the cold partial flow prior to it being introduced into the precipitation bath. The invention also relates to a device for extruding and forming materials.

No. of Pages: 35 No. of Claims: 15

(21) Application No.640/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: EXTRUSION METHOD

:NA

:NA

(51) International classification :D01D5/06,D01F2/00,C08J3/09 (71)Name of Applicant : (31) Priority Document No 1)AUROTEC GMBH :11179844.3 (32) Priority Date Address of Applicant: Wartenburgerstrae 1a A 4840 :02/09/2011 (33) Name of priority country Vöcklabruck Austria :EPO (72)Name of Inventor: (86) International Application No :PCT/EP2012/067077 1)ZIKELI Stefan Filing Date :03/09/2012 (87) International Publication No :WO 2013/030399 2) ECKER Friedrich (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The invention relates to a method for producing solid cellulose filaments or films from a solution of cellulose NMMO (N methylmorpholine N oxide) and water by pressure extruding the solution by means of one or more extrusion openings and by solidifying the filaments or films in a precipitation bath. The solution is guided between the extrusion opening and the precipitation bath by an air gap the temperature of the solution on the extrusion opening being lower than 105°C and the pressure difference in the air gap between the pressure of the solution immediately prior to extrusion and after extrusion is between 8 und 40 bar.

No. of Pages: 39 No. of Claims: 15

(21) Application No.682/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: TWIP AND NANO TWINNED AUSTENITIC STAINLESS STEEL AND METHOD OF PRODUCING THE SAME

(51) International

:C22C38/00,C22C38/40,C22C38/42

classification (31) Priority Document No

:11183207.7

(32) Priority Date

:29/09/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/068815

No

Filing Date

:25/09/2012

(87) International Publication :WO 2013/045414

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

Filing Date (62) Divisional to Application :NA

Number

:NA

:NA

Filing Date

(71)Name of Applicant:

1)SANDVIK INTELLECTUAL PROPERTY AB

Address of Applicant :SE 811 81 Sandviken Sweden

(72)Name of Inventor:

1)MAGNUSSON Ulrika

2)CHAI Guocai

(57) Abstract:

The invention relates to a method of producing a TWIP and nano twinned austenitic stainless steel. The austenitic steel should not contain more than 0.018 wt% C 0.25 0.75 wt% Si 1.5 2 wt% Mn 17.80 19.60 wt% Cr 24.00 25.25 wt% Ni 3.75 4.85 wt% Mo 1.26 2.78 wt% Cu 0.04 0.15 wt% N and the balance of Fe. In order to form nano twins in the material the austenitic stainless steel should be brought to a temperature below 0°C and imparted a plastic deformation to such a degree that the desired nano twins are formed e.g. to a plastic deformation of around 30%. The invention also relates to the thus produced austenitic stainless steel.

No. of Pages: 32 No. of Claims: 13

(21) Application No.609/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention : PROCESSES FOR PREPARING N ETHYL 2 METHYLPYRIDINIUM BROMIDE AND N ETHYL 3 METHYLPYRIDINIUM BROMIDE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) Priority Date (32) International Application No (31) Priority Document No (32) International Application No (31) Priority Document No (31) Priority Document No (32) International Application No (38) International Application No (39) International Application No (30) International Application No (31) International Application No (31) International Application No (32) International Application No (31) International Application No (31) International Application No (32) International Application No (31) International Application No (31) International Application No (32) International Application No (33) Name of priority country (34) International Application No (35) International Application No (36) International Application No (37) International Application No (39) International Application No (30) International Application No (31) International Application No (32) International Application No (33) International Application No (34) International Application No (35) International Application No (37) International Application No (38) International Application No (39) International Application No (30) International Application No (30) International Applicati	(71)Name of Applicant: 1)BROMINE COMPOUNDS LTD. Address of Applicant: P.O. Box 180 84101 Beer Sheva Israel (72)Name of Inventor: 1)BEN DAVID Iris 2)MIASKOVSKI Gershon 3)KOMPANIETS Igor
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(57) Abstract:

The invention provides processes for preparing concentrated aqueous solutions of N ethyl 2 methylpyridinium bromide and N ethyl 3 methylpyridinium bromide which solutions are useful as additives in the electrolyte of hydrogen/bromine electrochemical cells. Also provided are concentrated aqueous solutions of N ethyl 2 methylpyridinium bromide N ethyl 3 methylpyridinium bromide and their mixtures.

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: HIGH STRENGTH HOT ROLLED STEEL SHEET HAVING EXCELLENT BENDING CHARACTERISTICS AND LOW TEMPERATURE TOUGHNESS AND METHOD FOR PRODUCING SAME

(51) International classification: C22C38/06, C22C38/58, C21D8/02 (71) Name of Applicant:

:WO 2013/065298

(31) Priority Document No :2011240051 (32) Priority Date :01/11/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/006975

:31/10/2012 Filing Date

(87) International Publication

No

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

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

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72)Name of Inventor:

1)KAMI Chikara

2)YAMAZAKI Kazuhiko

(57) Abstract:

Provided is a high strength hot rolled steel sheet that is suitable for structural members of large construction/industrial machinery. A steel material having a composition that comprises 0.08 to 0.25% of C 0.01 to 1.0% of Si and 0.8 to 2.1% of Mn and in which the contents of P S and Al are adjusted to appropriate ranges is: heated to a temperature of 1100 to 1250°C; subjected to rough rolling; subjected to finish rolling such that the value found by dividing the cumulative rolling reduction rate in the partially recrystallized region and the non recrystallized region by the cumulative rolling reduction rate in the recrystallized region is from 0 to 0.2; immediately cooled after completion of said finish rolling and cooled to a cooling stop temperature which is lower than or equal to 150°C above the Ms point within 30 seconds from the start of cooling at a cooling rate that is higher than or equal to the martensite generating critical cooling rate in terms of average cooling rate within the temperature range of 750°C to 500°C; kept for 5 to 60 seconds within the temperature range of $\pm 100^{\circ}$ C of said cooling stop temperature; and wound up into a coil shape at a winding temperature within the range of ± 100 °C of said cooling stop temperature. Thus it is possible to obtain a hot rolled steel sheet that: comprises a tempered martensite phase or a low temperature transformation bainite phase as the main phase; has a structure in which the average grain size of prior grains in a cross section parallel to the rolling direction is 20 µm or less and the average grain size of prior grains in a cross section orthogonal to the rolling direction is 15 µm or less; and has high toughness and high strength with a yield strength YS of 960 MPa or higher and also has excellent bending characteristics.

No. of Pages: 52 No. of Claims: 10

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: MULTI-REGION CONFECTIONERY AND METHOD OF PRODUCTION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A23G 3/00 :61/536,652 :20/09/2011 :U.S.A. :PCT/IB2012/054906 :17/09/2012 :WO 2013/042028 :NA	(71)Name of Applicant: 1)MONDELEZ JAPAN LIMITED Address of Applicant :IK BLDG 24-9 KAMIOSAKI 2CHOME SHINAGAWA-KU, TOKYO 141 8656 JAPAN (72)Name of Inventor: 1)KOSEKI, TAKAYA 2)SAKANISHI, HIDEKI
(87) International Publication No	:WO 2013/042028	1 '
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi-region confection includes a first and a second confectionery material. The body portion of the multi-region confection includes an extruded first confectionery material, and a plurality of capillaries is disposed in the extruded body portion. The plurality of capillaries includes the second confectionery material. The second confectionery material includes about 47 to about 95 weight percent of a sugar alcohol, about 1 to about 15 weight percent water, and about 0.1 to about 1.5 weight percent of a slow-set pectin; wherein all weight percent values are based on the total weight of the second confectionery material. A method of making the multi-region confection is also described.

No. of Pages: 40 No. of Claims: 23

(21) Application No.613/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CYNARA SCOLYMUS EXTRACTS FOR THE TREATMENT OF DYSLIPIDAEMIA

(51) International classification	:A61K36/28,A61P3/10,A61P9/12	(71)Name of Applicant:
(31) Priority Document No	:MI2011A001670	1)INDENA S.P.A.
(32) Priority Date	:16/09/2011	Address of Applicant : Viale Ortles, 12, I-20139 Milano
(33) Name of priority country	:Italy	ITALY
(86) International Application	:PCT/EP2012/067889	(72)Name of Inventor:
No	:13/09/2012	1)BOMBARDELLI, Ezio
Filing Date	.13/09/2012	
(87) International Publication	:WO 2013/037857	
No	. W O 2013/03/03/	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

The present invention relates to the preparation of Cynara scolymus leaf extracts, which are useful for the prevention and treatment of dyslipidaemia, in particular to increase HDL cholesterol in patients at cardiovascular risk. Said extracts are useful to normalise the lipid and carbohydrate balances and significantly increase the value of HDL cholesterol by favourably changing the LDL/HDL ratio, especially in post-infarction patients with drug-induced dyslipidaemia.

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DRY SORBENT INJECTION DURING NON-STEADY STATE CONDITIONS IN DRY SCRUBBER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No Filing Date (52) Signature Signatur	(71)Name of Applicant: 1)BABCOCK & WILCOX POWER GENERATION GROUP, INC. Address of Applicant: 20 S. Van Buren Avenue, Barberton, OH 44203 U.S.A. (72)Name of Inventor: 1)JANKURA, Bryan, J 2)SILVA, Anthony, A 3)CAMPOBENEDETTO, Edward, J
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(57) Abstract:

Methods of reducing emissions levels during upset periods such as startup are disclosed for use with a dry scrubber desulfurization system. A dry calcium hydroxide powder is injected into the gas flowpath and hydrated in the spray dryer absorber. The resulting hydrated powder is then deposited on the filter bags in the baghouse. This can be done at lower temperatures than the spray dryer absorber would otherwise be operable, enabling desulfurization to occur earlier in the combustion process, such as during startup of a cold combustion system at ambient temperature. The operation of the combustion system can also be backed up, made up, trimmed, or augmented depending on various operating scenarios.

No. of Pages: 27 No. of Claims: 24

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: OPTIMIZED ULTRA LARGE AREA OPTICAL FIBERS

(51) International classification	:G02B6/02	(71)Name of Applicant :
· /		
(31) Priority Document No	:13/239,125	1)OFS FITEL, LLC
(32) Priority Date	:21/09/2011	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/US2012/050555	(72)Name of Inventor:
Filing Date	:13/08/2012	1)LINGLE, Robert, L
(87) International Publication No	:WO 2013/043274	2)PECKHAM, David, W.
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Certain embodiments of the invention may include optimized trench-assisted ultra large area (ULA) optical fibers. According to an example embodiment of the invention, a trench- assisted optical fiber, optimized for figure -of-merit (FOM) performance is provided. The optical fiber includes a core region having a longitudinal axis, a shelf region surrounding said core region, a cladding region surrounding said shelf region, said core and shelf and cladding regions configured to support and guide the propagation of signal light in a fundamental transverse mode in said core and shelf regions in the direction of said axis. The optical fiber further includes a core effective area (Aeff) of between 135 μ m2 and about 170 μ m2; a relative effective index difference (Neff) of greater than about 0.08%; a loss at 1550 nm of less than 0.185 dB/km; and an index profile having a figure of merit (FOM) frontier distance less than about 0.5 dB.

No. of Pages: 49 No. of Claims: 25

(22) Date of filing of Application :05/07/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: MEASURING ARRANGEMENT FOR DETERMINING A MEASURED QUANTITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Germany :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)KROHNE MESSTECHNIK GMBH Address of Applicant: LUDWIG-KROHNE-STRASSE 5, 47058 DUISBURG, Germany (72)Name of Inventor: 1)VINCENT PICHOT
* *		

(57) Abstract:

A measuring arrangement (1) for determining at least one measured quantity with a sensor device (2) and a transmitter device (3). The sensor device (2) generates a measurement signal from which the transmitter device (3) generates an output signal. The object of the invention is to propose a measuring arrangement which passes into a protected state in case of a fault. The object is achieved in the measuring arrangement under discussion in that the transmitter device (3) has a control device (4), a switch device (5) and a signal output setting device (6). The control device (4) is connected to the signal output setting device (6) in the case in which the switch device (5) is in the first state. The signal output setting device (6) generates a fault signal as an output signal when the switch device (5) is in the second state and/or that the signal output setting device (6) is free of a connection to the control device (4). The sensor device (2) keeps the switch device (5) in the first state when the sensor device (2) is supplied with energy above a definable minimum value. The control device (4) reduces the power supply of the sensor device (2) to a definable boundary value when it recognizes the presence of a fault state.

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DRY SORBENT INJECTION DURING STEADY-STATE CONDITIONS IN DRY SCRUBBER

	(71)Name of Applicant: 1)BABCOCK & WILCOX POWER GENERATION GROUP, INC. Address of Applicant: 20 S. Van Buren Avenue, Barberton,
	OH 44203 U.S.A. (72)Name of Inventor: 1)JANKURA, Bryan, J. 2)SILVA, Anthony, A. 3)CAMPOBENEDETTO, Edward, J.
NA NA	S)CAMIT OBENEDE I TO, Edward, J.
6 2 1 1 1 1 1	51/540,795 19/09/2011 J.S.A. PCT/US2012/057070 25/09/2012 WO 2013/049036 NA

(57) Abstract:

Methods of reducing emissions levels during steady-state conditions are disclosed for use with a dry scrubber desulfurization system. A dry calcium hydroxide powder is injected into the gas flowpath and watered in the spray dryer absorber. The resulting slurry is then deposited on the filter bags in the baghouse. This can be done at lower temperatures than the spray dryer absorber would otherwise be operable, enabling desulfurization to occur earlier in the combustion process, particularly during startup of a cold boiler at ambient temperature. The operation of the boiler can also be backed up, made up, trimmed, or augmented depending on various operating scenarios.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(21) Application No.756/KOL/2013 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: BAILER

(51) International classification	:A01F 15/00	(71)Name of Applicant: 1)ASIA TECHNOLOGY CO., LTD
(31) Priority Document No	:10-2012- 0126061	Address of Applicant :11, 96 GA BISUL-RO, YUGA-MYEON, DALSEONG-GUN, DAEGU-SHI, Republic of Korea
(32) Priority Date	:08/11/2012	(72)Name of Inventor:
(33) Name of priority country	:Republic of Korea	1)LEE, WANG DON 2)CHO, HYUNG HO
(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	
(55) 11		·

(57) Abstract:

A baler includes: a connecting unit installed at a front side of a frame, to which an axle frame, to which wheels are mounted, is connected to be moved freely, to be connected to a farming implement; a hay collecting unit installed at a rear side of the connecting unit to collect hay for producing a dummy; and a forming unit installed at a rear side of the hay collecting unit and having dummy rollers circularly disposed therein to form the collected hay into a cylindrical dummy, wherein a discharge door hingedly connected to a rear side of the forming unit installed at a rear side of the frame is opened and closed by a pair of discharge cylinders installed at opposite side surfaces of the frame and the discharge door.

No. of Pages: 23 No. of Claims: 2

(21) Application No.520/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ROLLER POSITIONING DEVICE FOR A STEERING ASSISTANCE SYSTEM

:E01B7/02 :1157407 :18/08/2011 :France :PCT/FR2012/051905 :16/08/2012 :WO 2013/024232 :NA :NA	(71)Name of Applicant: 1)VOSSLOH COGIFER (SOCIETE ANONYME) Address of Applicant: 21 avenue de Colmar F 92500 Rueil Malmaison France (72)Name of Inventor: 1)BARRESI Francesco
:NA :NA :NA	
	:1157407 :18/08/2011 :France :PCT/FR2012/051905 :16/08/2012 :WO 2013/024232 :NA :NA

(57) Abstract:

Roller positioning device for a steering assistance system comprising: a first member (1) having at least a roller (2) to support a switch point and a second member forming an arm (3) comprising at its end an attachment interface (4) intended for fitting on a switch plate of the switch point the arm (3) being suitable for withstanding a deformation in a plane comprising the bearing axis of the switch point on at least one roller (2).

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

(21) Application No.559/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : POLYCRYSTALLINE DIAMOND COMPACTS HAVING IMPROVED WEAR CHARACTERISTICS AND METHODS OF MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/09/2012 :WO 2013/044027 :NA :NA	(71)Name of Applicant: 1)DIAMOND INNOVATIONS INC. Address of Applicant: Diamond Innovations Inc. Maria C. Gasaway 6325 Huntley Road Worthington Ohio 43085 U.S.A. (72)Name of Inventor: 1)VAUGHN Joel 2)WEBB Steven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of making a polycrystalline diamond compact includes mixing a diamond particle feed with a binder to form a mixture forming the mixture into a precompact heating the pre compact in a non oxidizing atmosphere to substantially drive off the binder oxidizing the pre compact in an oxidizing atmosphere at a temperature and for a time sufficient to burn off non diamond carbon without overoxidizing diamond and sintering the pre compact at high pressure and high temperature to form a polycrystalline diamond compact. The method may also include oxidizing the diamond particle feed prior to mixing with the binder.

No. of Pages: 35 No. of Claims: 30

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 09/05/2014

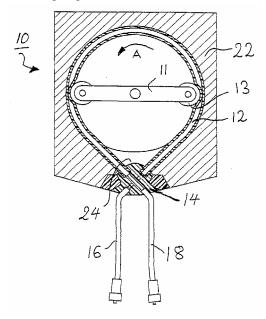
(71)Name of Applicant:

(54) Title of the invention: A ROLLER PUMP

		1) EDECENHIC MEDICAL CADE DELITICALIAND CMDIL
		1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
		Address of Applicant :ELSE-KRÖNER-STRASSE 1, 61346
		BAD HOMBURG, Germany
(51) International classification	:A61G 7/00	(72)Name of Inventor:
(31) Priority Document No	:10 2004 024 102.3	1)BAUMANN, MANFRED
(32) Priority Date	:14/05/2004	2)BREITKOPF, BERTHOLD
(33) Name of priority country	:Germany	3)HÜGEL, ELMAR
(86) International Application No	:PCT/EP2005/005191	/ · /
Filing Date	:12/05/2005	5)NÜRNBERGER, THOMAS
(87) International Publication No	:WO/2005/111424	6)SCHNEIDER, JOCHEN
(61) Patent of Addition to Application	:NA	7)SPENGLER, GERHARD
Number	:NA	8)WAMSIEDLER, RALF
Filing Date	.11/1	9)BIESEL, WOLFGANG
(62) Divisional to Application Number	:3195/KOLNP/2006	10)BUSSE, CHRISTIAN
Filed on	:02/11/2006	11)CARONNA, MARCO
		12)JONAS, JÖRG
		13)REITER, REINHOLD
		14)APEL, JÖRN
		15)LAUER, MARTIN

(57) Abstract:

The invention relates to a roller pump consisting of a stator with a pump bed formed therein and a rotor for acting on a hose inserted into the pump bed in arcuate form. In accordance with the invention, the ends of the tube guided out of the pump bed cross.



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

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 09/05/2014

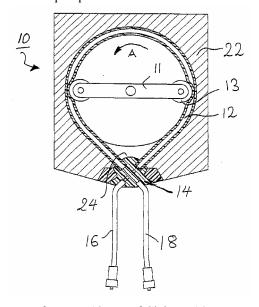
(71)Name of Applicant:

(54) Title of the invention: A ROLLER PUMP

		1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
		Address of Applicant :ELSE-KRÖNER-STRASSE 1, 61346
		BAD HOMBURG, Germany
(51) International classification	:A61G 7/00	(72)Name of Inventor :
(31) Priority Document No	:10 2004 024 102.3	1)BAUMANN, MANFRED
(32) Priority Date	:14/05/2004	2)BREITKOPF, BERTHOLD
(33) Name of priority country	:Germany	3)HÜGEL, ELMAR
(86) International Application No	:PCT/EP2005/005191	
Filing Date	:12/05/2005	5)NÜRNBERGER,THOMAS
(87) International Publication No	:WO/2005/111424	6)SCHNEIDER, JOCHEN
(61) Patent of Addition to Application	:NA	7)SPENGLER, GERHARD
Number	:NA	8)WAMSIEDLER, RALF
Filing Date	.11/1	9)BIESEL, WOLFGANG
(62) Divisional to Application Number	:3195/KOLNP/2006	10)BUSSE, CHRISTIAN
Filed on	:02/11/2006	11)CARONNA, MARCO
		12)JONAS, JÖRG
		13)REITER, REINHOLD
		14)APEL, JÖRN
		15)LAUER, MARTIN

(57) Abstract:

The invention relates to a roller pump consisting of a stator with a pump bed formed therein and a rotor for acting on a hose inserted into the pump bed in arcuate form. In accordance with the invention, the ends of the tube guided out of the pump bed cross.



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

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CHEWING ENHANCED FOOD

(51) International classification	:A23L1/30,A23G3/50	(71)Name of Applicant :
(31) Priority Document No	:2011190661	1)Meiji Co. Ltd.
(32) Priority Date	:01/09/2011	Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1368908 Japan
(86) International Application No	:PCT/JP2012/071311	2)SHOWA UNIVERSITY
Filing Date	:23/08/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/031636	1)NAKAMURA Yoshitaka
(61) Patent of Addition to Application	:NA	2)KANNO Takahiro
Number	:NA	3)IGAWA Megumu
Filing Date	.11/11	4)TAKAHASHI Takeshi
(62) Divisional to Application Number	:NA	5)MUKAI Yoshiharu
Filing Date	:NA	6)UTSUMI Akemi

(57) Abstract:

The present invention addresses the problem of providing a chewing enhanced food that has the hardness viscosity and other characteristics suitable for the mouth of a small child aged 1 year to five years 11 months and particularly a young child aged about 18 months who has been weaned and is using teeth for chewing. This chewing enhanced food contains: at least one main ingredient selected from wheat flour rice flour starch or other powder; and an auxiliary ingredient composed of sorbitol and/or glycerol. This chewing enhanced food preferably has a breaking stress breaking strain brittleness stress and cohesiveness that are within a predetermined range.

No. of Pages: 36 No. of Claims: 14

(21) Application No.654/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FISH ANESTHETIC AND METHOD

(51) International :A61K31/01,A61P23/00,A61K31/045 classification

(31) Priority Document No :61/527163 (32) Priority Date :25/08/2011

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

(86) International :PCT/IB2012/054246

Application No :22/08/2012 Filing Date

(87) International

:WO 2013/027184 Publication No

:NA

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

:NA

Filing Date

(71)Name of Applicant:

1)AQUA MOR TECHNOLOGIES LTD.

Address of Applicant: 17 HaMefalsim St. P.O.B. 3517 Petach

Tikva 4951447 Israel (72)Name of Inventor: 1)NEIFELD Dani

(57) Abstract:

This invention relates to a method of sedating anaesthetising or euthanising an aquatic organism comprising the step of contacting said organism with linalool a compositions a body of water containing thereof and a method of transporting an aquatic organism.

No. of Pages: 31 No. of Claims: 130

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention : HIGH STRENGTH HOT DIPPED GALVANIZED STEEL SHEET HAVING EXCELLENT FORMABILITY AND IMPACT RESISTANCE AND METHOD FOR PRODUCING SAME

(51) International classification: C22C38/14,C22C38/58,C21D8/02 (71) Name of Applicant: (31) Priority Document No 1)JFE STEEL CORPORATION (32) Priority Date Address of Applicant: 2 3Uchisaiwai cho 2 chome Chiyoda ku :NA (33) Name of priority country :NA Tokyo 1000011 Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/073755 1)HASEGAWA Hiroshi :07/10/2011 Filing Date 2)NAKAGAITO Tatsuya (87) International Publication 3)KANEKO Shinjiro :WO 2013/051160 No 4)NAGATAKI Yasunobu (61) Patent of Addition to 5)SUZUKI Yoshitsugu :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided are: a high strength hot dipped galvanized steel sheet which has a good balance between formability and impact resistance; and a method for producing the high strength hot dipped galvanized steel sheet. This hot dipped galvanized steel sheet has a composition that contains in mass% 0.05 0.5% (inclusive) of C 0.01 2.5% (inclusive) of Si 0.5 3.5% (inclusive) of Mn 0.003 0.100% (inclusive) of P 0.02% or less of S 0.010 0.5% (inclusive) of Al 0.0002 0.005% (inclusive) of B and 0.05% or less of Ti with the balance made up of Fe and unavoidable impurities while satisfying Ti > 4N. The hot dipped galvanized steel sheet has a structure which contains tempered martensite in an area ratio of 60 95% (inclusive) and residual austenite in an area ratio of 5 20% (inclusive) while optionally containing ferrite in an area ratio of 10% or less (including 0%) and/or martensite in an area ratio of 10% or less (including 0%). The average particle diameter of the tempered martensite is 5 μm or less.

No. of Pages: 59 No. of Claims: 11

(21) Application No.632/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: DOUBLE GLAZING SYSTEM WITH INTEGRATED BLIND

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E06B3/663,E06B9/264,E06B3/67 :BO2011A000568 :05/10/2011 :Italy	(71)Name of Applicant: 1)PELLINI S.P.A. Address of Applicant: Via Angelo Fusari 19 I 26845 Codogno (lodi) Italy
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to	:PCT/IB2012/055358 :05/10/2012 :WO 2013/050969	(72)Name of Inventor : 1)NICOLOSI Giovanni
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

A double glazing system comprising a first sheet of glass (3) a second sheet of glass (5) a spacer element (1) comprising a first surface (2) for coupling with the first sheet of glass (3) and a second surface (4) for coupling with the second sheet of glass (5) a blind (8) or a screen or the like the spacer element (1) comprising support means (7) comprising a housing (10) made up of a substantially T shaped groove. The support means (7) comprise two lateral sections (13a 13b) for guiding said blind (8) screen having respective substantially T shaped portions (14) and being able to be engaged in said housing (10) the lateral guiding sections comprising respective free ends (19) for supporting respective end portions (20) of said blind (8).

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

(21) Application No.583/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: POLYMER WORKPIECE FOR FLOW COATING

(51) International classification	:B05D1/30,B05D7/02	(71)Name of Applicant:
(31) Priority Document No	:11193449.3	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:14/12/2011	Address of Applicant :18, avenue d'Alsace, F-92400
(33) Name of priority country	:EPO	Courbevoie, FRANCE
(86) International Application No	:PCT/EP2012/071712	(72)Name of Inventor:
Filing Date	:02/11/2012	1)FLEISCHMANN, Wolfgang
(87) International Publication No	:WO 2013/087290	2)GULDAN, Marcus
(61) Patent of Addition to Application	:NA	3)GÜLDNER, Dominic
Number	:NA	4)LUX, Thomas
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a polymer workpiece (I), at least comprising an upper main surface (1), a lower main surface (2), an injection-mould separating surface (3) and a flow attack edge surface (4), wherein the flow attack edge surface (4) is formed in the region (5) between the injection-mould separating surface (3) and the lower main surface (2) as a planar surface (5) with an angle α with respect to the injection-mould separating surface (3) of 20° to 70°, and/or deviates by an amount a of 0.0 mm to 0.5 mm from the planar surface (5).

No. of Pages: 28 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :21/03/2014

(21) Application No.629/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: CENTRIFUGAL FAN

(51) International classification	· ·	(71)Name of Applicant:
(31) Priority Document No	:BO2011A000543	1)SPAL AUTOMOTIVE S.r.l.
(32) Priority Date	:23/09/2011	Address of Applicant :Via per Carpi, 26/B, 42015 Correggio
(33) Name of priority country	:Italy	ITALY
(86) International Application No	:PCT/IB2012/001865	(72)Name of Inventor:
Filing Date	:21/09/2012	1)DE FILIPPS, Pietro
(87) International Publication No	:WO 2013/041954	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described is a centrifugal fan (1) comprising a centrifugal impeller (4) rotatable around an axis of rotation (R); a drive motor (3) of the centrifugal impeller (4); a casing (2) comprising a central portion (17) for housing the motor (3) and the centrifugal impeller (4) and a tangential outlet channel (18) in communication with the central portion (17); the casing (2) has an inlet opening (15) in the central portion (17) and an outlet opening (16) in the tangential outlet channel (18); the fan (1) comprises a system (4, 14, 28, 29) for cooling the motor (3) comprising the impeller (4), a ventilation channel (31) operating between the tangential outlet channel (18) and the central portion (17) for generating a flow of cooling air, a collar (28) integral with the centrifugal impeller (4) extending axially from the centrifugal impeller (4) around the motor (3) and a plurality of blades of the motor (3) for generating a tangential cooling component which combines with the flow of cooling air generating as a resultant a helical vortex around the motor (3).

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

(22) Date of filing of Application :25/06/2013 (43) Publication Date : 09/05/2014

(54) Title of the invention: WRAPPER FOR BALER AND METHOD OF CONTROLLING 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 	:A01F 15/00 :10-2012- 0126055 :08/11/2012 :Republic of Korea :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ASIA TECHNOLOGY CO., LTD Address of Applicant:11, 96 GA BISUL-RO, YUGA-MYEON, DALSEONG-GUN, DAEGU-SHI, Republic of Korea (72)Name of Inventor: 1)LEE, WANG DON 2)CHO, HYUNG HO
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(57) Abstract:

A wrapper for a baler includes: a frame having a connecting member connected to a farming implement at a front side thereof; a table installed at a central portion of the frame to rotate a bale to be wrapped; wrapping arms installed in arm supporters fixed to opposite front sides of the frame; wrap stretchers installed in the wrapping arms to extend a wrap such that the wrap performs a wrapping operation properly; loaders installed at opposite sides of the table to supply a bale to be wrapped and discharge the wrapped bale from the wrapper; and film holders installed at opposite sides of the frame to cut the wrapped wrap and holding an end of the wrap until the next wrapping operation.

No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: WIRELESS LOCAL AREA NETWORK ACCESS METHOD STATION AND ACCESS POINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/06/2012 :WO 2013/063942 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)YAO Zongming 2)BARBER Philip 3)WANG Xuehuan
Filing Date	:NA	

(57) Abstract:

Embodiments of the present invention provide a wireless local area network access method a station and an access point. The method comprises: a station receiving from an access point a beacon frame or a probe response frame the beacon frame or the probe response frame carrying configuration version information; and the station performing GAS query according to the configuration version information carried in the beacon frame or probe response frame. In the embodiment of the present invention the access point sends the configuration version information to the station so that the station performs the GAS query according to the configuration version information thereby improving access efficiency.

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

(21) Application No.652/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : METHODS AND DEVICES FOR CONFIGURING UPLINK TRANSMISSION DIVERSITY DURING A SERVING CELL CHANGE

Filing Date :06/09/2012 :087) International Publication No :WO 2013/051990 :NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/543008 :04/10/2011 :U.S.A. :PCT/SE2012/050943 :06/09/2012 :WO 2013/051990 :NA :NA	
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(57) Abstract:

Methods and devices are described whereby the UE and the Node B are configured to align the UL CLTD status of the UE and the NodeB during serving cell change involving a new Node B.

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

(21) Application No.619/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : A METHOD AND NODE FOR MEASURING PROCESSING POWER IN A NODE IN A COMMUNICATIONS NETWORK

(57) Abstract:

The embodiments herein relate to a method in a first network node (105) for measuring processing power in a second network node (103) in a communications network (100). The first network node (105) obtains a signaling load value associated with a procedure which procedure is triggered by a message. Based on the obtained signaling load value the first network node (105) measures the processing power of the second network node (103).

No. of Pages: 40 No. of Claims: 24

(21) Application No.603/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: AN APPARATUS FOR FILLING A CONFECTIONARY ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A23G 3/00 :61/538,183 :23/09/2011 :U.S.A. :PCT/US2012/056215 :20/09/2012	(71)Name of Applicant: 1)INTERCONTINENTAL GREAT BRANDS LLC Address of Applicant:100 DEFOREST AVENUE EAST HANOVER NEW JERSEY 07936 U.S.A. (72)Name of Inventor: 1)PETRE, GABRIEL
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/043793 :NA :NA :NA :NA	

(57) Abstract:

Disclosed is a reservoir connector for usage with plurality of nozzles and at least one conduit, the reservoir connector including a connector body including a conduit association surface configured to associate the connector body with the at least one conduit and a reservoir surface disposed opposite the conduit surface, at least one reservoir wall extending beyond the reservoir surface in a direction opposite the conduit association surface, the at least one reservoir wall delimiting at least one reservoir cavity, and at least one opening defined by the connector body, wherein the at least one opening extends from the conduit association surface to the reservoir surface such that the at least one opening and the reservoir cavities are in fluid communication.

No. of Pages: 62 No. of Claims: 23

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: FUNNEL PART AND PACKAGING CONTAINER USING FUNNEL PART

(51) International :B65D83/06,B65D77/20,B65D77/30 classification

(31) Priority Document No :2011197665 (32) Priority Date :09/09/2011

(33) Name of priority country: Japan

(86) International :PCT/JP2012/005675 Application No

:07/09/2012 Filing Date

(87) International Publication :WO 2013/035339 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)TOPPAN PRINTING CO. LTD.

Address of Applicant :1 5 1 Taito Taito ku Tokyo 1108560

(72)Name of Inventor: 1)TERAYAMA Takashi

2)SAITO Takeshi 3)SASAKI Norivuki 4)GOTO Masashi 5)SADA Jyun

(57) Abstract:

This invention provides a funnel part and a packaging container using the funnel part. The funnel part is provided with a funnel section in which the diameter increases from a narrow opening side towards a wide opening side a cylindrical discharge section connecting to the narrow opening side edge and a cylindrically shaped side wall section surrounding the opening section of the wide opening side of the funnel section and connecting to the funnel section to fit to a container main body; the funnel part is integrally formed using sheet material comprising paper and a sealant layer and a cuff section in which the sheet material is folded back and welded over the entire circumference is provided in the opening section of the discharge section. The packaging container is configured fitting the funnel part to the cylindrically shaped container main body having an open end a bottom section and a side wall.

No. of Pages: 96 No. of Claims: 25

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: SAFETY BRAKING APPARATUS FOR AN AUTOMATED 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 	:10-2011- 0084969	(71)Name of Applicant: 1)KANG, SEOUNG SAM Address of Applicant: 450-138, DONGMYEONG-DONG SOKCHO-SI, GANGWON-DO 217-809 REPUBLIC OF Republic of Korea (72)Name of Inventor: 1)KANG, SEOUNG SAM
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(57) Abstract:

Disclosed is a safety braking apparatus to be applied to an automated vehicle. The disclosed safety braking apparatus has the objective of preventing accidents by detecting other vehicles or objects to the front and rear of the vehicle when same is moving slowly while the accelerator thereof is not depressed. The safety braking apparatus comprises: an actuator (10) capable of compulsorily tightening the brake pedal in order to stop the vehicle; and a control circuit (20) for controlling and manipulating the actuator. The control circuit (20) comprises separate circuits for speed detection and object detection, and is configured to provide sequential control using a plurality of relays so that the control circuit can be simply and additionally installed without the need to change programs in other electronic control devices such as the engine control unit of the vehicle.

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: FLEXIBLE ELECTRONIC 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 	:G06F 1/16 :13/250,227 :30/09/2011 :U.S.A. :PCT/US2012/056817 :24/09/2012 :WO 2013/048925 :NA :NA :NA	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 INFINITE LOOP, M/S 36-2PAT, CUPERTINO, CA 95014 United States of America U.S.A. (72)Name of Inventor: 1)FRANKLIN, Jeremy, C. 2)MYERS, SCOTT, A. 3)RAPPOPORT, BENJAMIN, M. 4)LYNCH, STEPHEN, BRIAN 5)TERNUS, JOHN, P. 6)WODRICH, JUSTIN, R.
Filing Date	*	6)WODKICH, JUSTIN, K.

(57) Abstract:

Flexible electronic devices may be provided. A flexible electronic device may include a flexible display, a flexible housing and one or more flexible internal components configured to allow the flexible electronic device to be deformed. Flexible displays may include flexible display layers, flexible touch-sensitive layers, and flexible display cover layers. The flexible housing may be a multi-stable flexible housing having one or more stable positions. The flexible housing may include a configurable support structure that, when engaged, provides a rigid support structure for the flexible housing. The flexible internal components may include flexible batteries, flexible printed circuits or other flexible components. A flexible battery may include flexible and rigid portions or may include a lubricious separator layer that provides flexibility for the flexible battery. A flexible printed circuit may include flexible and rigid portions or openings that allow some rigid portions to flex with respect to other rigid portions.

No. of Pages: 73 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.669/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: TURF TREATMENT

(51) International classification	:A01B45/00,A01B45/02	(71)Name of Applicant:
(31) Priority Document No	:1114723.8	1)RICHARD CAMPEY LIMITED
(32) Priority Date	:25/08/2011	Address of Applicant :The Old Dairy, Marton Hall Lane,
(33) Name of priority country	:U.K.	Marton, Macclesfield, Cheshire SK11 9HG UNITED KINGDOM
(86) International Application No	:PCT/GB2012/000678	U.K.
Filing Date	:23/08/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/027005	1)CAMPEY, Richard, John
(61) Patent of Addition to Application	:NA	2)GUMBRILL, Simon, Jonathan
Number	:NA	
Filing Date	.11/21	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for the treatment of turf (11) comprising grass (12) growing in a matrix (15, 16) comprising removing matrix (15, 16) including any thatch and other infestation by blading (18) moving through the matrix (15, 16) to a predetermined depth (d). The method may be used to treat turf (11) reinforced with artificial grass (13). Equipment for carrying out the treatment comprises a bladed rotor (17) rotating about a horizontal axis.

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

(21) Application No.611/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: REFRIGERATION DEVICE

(51) International classification	:F25B1/00	(71)Name of Applicant:
(31) Priority Document No	:2011218390	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:30/09/2011	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2012/075095	(72)Name of Inventor:
Filing Date	:28/09/2012	1)YURA Yoshinori
(87) International Publication No	:WO 2013/047754	2)KASAHARA Shinichi
(61) Patent of Addition to Application	:NA	3)KIBO Kousuke
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided at a low cost is a refrigeration device with which an appropriate oil concentration or oil viscosity can easily be maintained for lubricating oil in the compressor and with which the standby power consumption can be reduced. A compressor (40) compresses a refrigerant circulating between an indoor heat exchanger (21) and an outdoor heat exchanger (31). A crankcase heater (46) heats the lubricating oil in the compressor (40). A control device (50) controls the crankcase heater (46) such that the temperature of the lubricating oil in the compressor (40) reaches a target oil temperature value which is obtained by adding an oil temperature offset value to the saturation temperature of the refrigerant in the compressor (40).

No. of Pages: 34 No. of Claims: 8

(21) Application No.644/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 09/05/2014

(54) Title of the invention: CURABLE COMPOSITION AND CURED PRODUCT THEREOF

:WO 2013/042702

(51) International classification :C09K3/10,C08K5/57,C08L33/06 (71)Name of Applicant:

(31) Priority Document No :2011207951 (32) Priority Date :22/09/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/073990 No :20/09/2012

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)KANEKA CORPORATION

Address of Applicant: 3 18 Nakanoshima 2 chome Kita ku

Osaka shi Osaka 5308288 Japan

(72)Name of Inventor:

1)YANO Avako

2)FUKUNAGA Atsushi 3)KAWAKAMI Atsushi

4)OGAWA Akira

(57) Abstract:

The purpose of the present invention is to provide a sealing material composition which contains an organic polymer having a reactive silicon group and which does not undergo the occurrence of wrinkling or cracking on the surface of a cured product thereof and has a low modulus in spite of a fact that a tetravalent tin compound which has been believed to cause the deterioration in restoration properties is used as a curing catalyst in the sealing material composition. A one component type curable sealing material composition comprising (A) an organic polymer which has a number average molecular weight of 11 000 to 30 000 has an ethanol elimination type reactive silvl group at the terminal of a molecular chain thereof and has a linear structure (B) a tetravalent tin compound and (C) a plasticizer.

No. of Pages: 87 No. of Claims: 18

(22) Date of filing of Application :20/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention : SORBENT COMPRISING ON ITS SURFACE AN ALIPHATIC UNIT HAVING AN ANIONIC OR DEPROTONIZABLE GROUP FOR THE PURIFICATION OF ORGANIC MOLECULES

(51) International classification :B01J20/32,B01J20/288,A61K31/133 (31) Priority Document No :11181411.7 (32) Priority Date :15/09/2011

(33) Name of priority :EPO

country (86) International

Application No :PCT/EP2012/068199 :17/09/2012

Filing Date

(87) International Publication No :WO 2013/037995

(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)INSTRACTION GMBH

Address of Applicant : Janderstr. 3 68199 Mannheim Germany

(72)Name of Inventor:
1)ARENDT Markus
2)DEGEL Björn
3)SCHWARZ Thomas
4)STUMM Gerhard
5)WELTER Martin

(57) Abstract:

The present invention relates to a sorbent comprising a solid support material the surface of which comprises a residue of a general formula (I) wherein the residue is attached via a covalent single bond to a functional group on the surface of either the bulk solid support material itself or of a polymer film on the surface of the solid support material. Furthermore the present invention relates to the use of the sorbent according to the invention for the purification of organic molecules in particular pharmaceutically active compounds preferably in chromatographic applications.

No. of Pages: 62 No. of Claims: 13

(21) Application No.663/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: APPARATUS FOR MIXING AND PUMPING

:NA

(51) International classification :B01F3/12,B01F7/02,B01F5/10 (71)Name of Applicant : (31) Priority Document No 1)ALFA LAVAL CORPORATE AB :11183495.8 (32) Priority Date Address of Applicant : P.O. Box 73, S-22100 Lund, SWEDEN :30/09/2011 (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No :PCT/EP2012/068742 1)STÖPPLER, Andreas Filing Date :24/09/2012 (87) International Publication No :WO 2013/045381 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

An apparatus for mixing and pumping, the apparatus comprising a housing (220) with an inlet (201) and an outlet (202) for receiving and expelling liquid (L) and a material (P). The apparatus has a shear rotor (60) and a stator (70) for mixing the liquid (L) and material (P) and an impeller (50) for pumping the liquid (L) and material from the inlet (201), via an annular clearance (71) between the shear rotor (60) and the stator (70) and to the outlet (202). The apparatus has a return conduit (413) configured to return to the inlet (201) a part (M2) of the liquid (L) and material (P) pumped via the annular clearance (71) and openings (72) in the stator (70).

No. of Pages: 22 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.664/KOLNP/2014 A

(43) Publication Date: 09/05/2014

(54) Title of the invention: COATED CHEWABLE CONFECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A23G 3/00 :60/704704 :02/08/2005 :U.S.A. :PCT/US2006/029891 :01/08/2006 :WO/2007/016549	(71)Name of Applicant: 1)INTERCONTINENTAL GREAT BRANDS LLC Address of Applicant:100 DEFOREST AVENUE, EAST HANOVER, NJ 07936 U.S.A. (72)Name of Inventor: 1)ROBINSON, MARY, K.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:NA :NA :887/KOLNP/2008 :28/02/2008	

(57) Abstract:

According to the invention there is provided a sequential flavor delivery system comprising (a) a dissolvable tablet core or chewable candy core, said core comprising (i) at least one sugarless bulk sweetener; (ii) at least one intense sweetener; (iii) a first flavor selected from the group consisting of fruit, cinnamon and mint flavors; and (iv) a lubricant; and (b) a coating surrounding said dissolvable tablet core or chewable candy core, said coating comprising (i) at least one sugarless bulk sweetener; (ii) at least one intense sweetener; (iii) a coloring agent; and (iv) a second flavor selected from the group consisting of fruit, cinnamon and mint flavors, wherein said first flavor is different from said second flavor.

No. of Pages: 28 No. of Claims: 5

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: OPTICAL COHERENCE TOMOGRAPHY TECHNIQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01B9/02 :NA :NA :NA :NA :PCT/EP2011/004813 :26/09/2011 :WO 2013/044932 :NA :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)VOGLER Klaus 2)WISWEH Henning
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(57) Abstract:

OpgateA technique for optical coherence tomography is provided. As to a device aspect of the technique a device (100b) comprises a light generator (110) a dispersive medium (120) an optical coupler (130) and a detector (140). The light generator is adapted to generate a series of input pulses (202 204 206) of coherent light each input pulse of the series having an input pulse width (t). The dispersive medium has an input (122) that is optically coupled to the light generator and an output (124) for output pulses (302 304 306). The dispersive medium is adapted to stretch the input pulse width to an output pulse width (t) of each of the output pulses by means of chromatic dispersion. The optical coupler is adapted to couple the output pulses from the output into a reference arm (160) and into a sample arm (170). The optical coupler is further adapted to superimpose light returning from the reference arm and from the sample arm. The detector is adapted to detect an intensity of interference of the superimposed light with a temporal resolution of a fraction (dt) of the output pulse width.

No. of Pages: 31 No. of Claims: 19

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: PROCEDURE LATENCY BASED ADMISSION CONTROL NODE 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 	:H04W28/02,H04W24/10 :NA :NA :NA :PCT/SE2011/051025 :25/08/2011 :WO 2013/028112 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)SANDBERG Pontus 2)MÜLLER Walter 3)ÖSTRUP Peter 4)JOHANSSON Stefan
Filing Date (62) Divisional to Application Number Filing Date		

(57) Abstract:

A wireless telecommunication system (100). a node (102a. 102b. 102c) (e.g., eNodeB BSC RNC) a procedure latency monitor unit (204) and a method (300 500) are described herein for measuring the latency of a procedure (214. 214) (e.g., radio network procedure core network procedure) where the results of the measured latency may be used for admission control of user equipment (UE) sessions and to guarantee that admitted UEs are served according to their requested Quality of Service (QoS).

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

(21) Application No.638/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: PIPE COMPRISING A PRESSURE RELIEF VALVE

(51) International classification :F16K17/04,F16K17/40,F16K49/00

(31) Priority Document No :11179880.7 (32) Priority Date :02/09/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/067074

No Filing Date :03/09/2012

(87) International Publication :WO 2013/030397

No

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

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant: 1)AUROTEC GMBH

Address of Applicant :Wartenburgerstrae 1a A 4840

Vöcklabruck Austria (72)Name of Inventor: 1)ZIKELI Stefan 2)ECKER Friedrich

(57) Abstract:

The invention relates to a pipe (1) for transporting a viscous fluid comprising a pressure relief valve (2) provided with a sealing element which separates the inside of the pipe from a discharge line (4) and is designed to release the discharge line in the event of predetermined excess pressure. The invention is characterized in that a surface of the sealing element facing the inner chamber of the pipe is associated with the pipe in such a manner that said surface is flown around by a flow of the viscous fluid circulating through the pipe when in operation and said sealing element is fixed in the closed position by a rod said rod being displaced by the predetermined excess pressure such that the thus connected sealing element releases the discharge pipe.

No. of Pages: 41 No. of Claims: 18

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: FLEXIBLE LENSED OPTICAL INTERCONNECT DEVICE FOR SIGNAL DISTRIBUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/46 :13/230094 :12/09/2011 :U.S.A. :PCT/US2012/054249 :07/09/2012 :WO 2013/039788 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS CORPORATION Address of Applicant:1050 Westlakes Drive Berwyn PA 19312 U.S.A. (72)Name of Inventor: 1)EBERLE James Joseph Jr. 2)BARRY Bruce Eltringham
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(57) Abstract:

The invention relates to a method and device for interconnecting optical components such as optical fibers and optical circuits in a flexible repeatable and cost effective manner. The invention can be implemented in optical cassettes patch panels and patch panel enclosures. It may be used to replace patch cables in data centers and the like. It may be applied in virtually any optical interconnectivity application. In accordance with the invention two or more optical components are optically interconnected by a flexible optical circuit substrate bearing one or more embedded optical fibers with a lens at each end of each fiber the lens also embedded in the flexible optical circuit substrate. The flexible optical circuit may be incorporated into a housing bearing apertures for receiving the optical connectors of the optical components that are to be interconnected with the device such as the optical connectors at the ends of optical cables or at the interfaces of optical or electro optical circuits. The lensed ends of the fibers embedded in the flexible optical circuit are positioned adjacent to the apertures for optically connecting to the fibers within the connectors installed in the apertures without the need for mating connectors inside of the housing.

No. of Pages: 30 No. of Claims: 38

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: OPTIMIZED ULTRA LARGE AREA OPTICAL FIBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/02 :13/239,127 :21/09/2011 :U.S.A. :PCT/US2012/050546 :13/08/2012 :WO 2013/043273 :NA :NA	(71)Name of Applicant: 1)OFS FITEL, LLC Address of Applicant:2000 Northeast Expressway, Norcross, GA 30071 U.S.A. (72)Name of Inventor: 1)LINGLE, Robert, L. 2)PECKHAM, David, W.
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(57) Abstract:

Certain embodiments of the invention may include optimized trench assisted ultra large area (ULA) optical fibers. According to an example embodiment of the invention, a trench- assisted optical fiber, optimized for figure-of-merit (FOM) performance, is provided. The optical fiber includes a core region having a longitudinal axis, a shelf region surrounding said core region, a cladding region surrounding said shelf region, said core and shelf and cladding regions configured to support and guide the propagation of signal light in a fundamental transverse mode in said core and shelf regions in the direction of said axis. The optical fiber further includes a core effective area (Aeff) of between 135 μ m2 and about 170 μ m2; and an index profile having a figure of merit (FOM) frontier distance less than about 0.7 dB.

No. of Pages: 48 No. of Claims: 21

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: CELL CULTURE SUBSTRATE COMPRISING A LAMININ AND A CADHERIN

(51) International (71)Name of Applicant: :C07K14/78,C07K14/705,C12N5/00 classification 1)TRYGGVASON, Karl Address of Applicant :Lokevagen 8A, S-18261 Djursholm (31) Priority Document No :61/537.940 (32) Priority Date :22/09/2011 **SWEDEN** (33) Name of priority country:U.S.A. 2) RODIN, Sergey (86) International (72)Name of Inventor: :PCT/IB2012/002214 Application No 1)TRYGGVASON, Karl :19/09/2012 Filing Date 2) RODIN, Sergey (87) International Publication :WO 2013/041961 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract:

The present disclosure related to isolated laminin-521, methods for making recombinant laminin-521, host cells that express recombinant laminin-521, and compositions containing laminin-521. Laminin-521 can maintain stem cells in vitro pluripotency, enable self-renewal, and enable single cell survival of human embryonic stem cells. When pluripotent human embryonic stem cells are cultured on plates coated with recombinant laminin-521 (laminin-11), in the absence of differentiation inhibitors or feeder cells, the embryonic stem cells proliferate and maintain their pluripotency. It has also been discovered that human recombinant laminin-521 (laminin-11) provides single cell survival of stem cells after complete dissociation into a single cell suspension. Useful cell culture mediums containing at most 3.9 ng/ml of beta fibroblast growth factor (bFGF) are also described herein.

No. of Pages: 84 No. of Claims: 71

(21) Application No.645/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 09/05/2014

(54) Title of the invention: REINFORCING FIBERS AND THEIR USE FOR CONCRETE REINFORCEMENT

(51) International :C03C25/26,C03C25/32,C03C25/40 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/IB2011/002624

:23/09/2011 Filing Date

(87) International Publication :WO 2013/041902 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:

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Address of Applicant : One Owens Corning Parkway Toledo

OH 43659 U.S.A.

(72)Name of Inventor:

1)TARDY Grard

2)GIL Daniel 3)MAZZI Julie

4)ANTEPAZO Leticia

5)RICO MART NEZ Mariano

6)FONCUBIERTA ARIAS Jos Antonio

(57) Abstract:

The present invention relates to a sizing composition for reinforcing glass fiber strands which comprises a silane coupling agent a polyurethane film forming agent including a blocked isocyanate and water. The invention also relates to glass fiber strands onto which the sizing composition has been applied and to concrete reinforced with said glass fiber strands.

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

(21) Application No.646/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/05/2014

(54) Title of the invention: ORGANIC SEMICONDUCTOR FORMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:28/07/2012 :WO 2013/029733 :NA :NA	(71)Name of Applicant: 1)MERCK PATENT GMBH Address of Applicant: Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor: 1)CULL Toby 2)CARRASCO OROZCO Miguel
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a formulation comprising p type and n type organic semiconductors (OSC) and one or more organic solvents its use for the preparation of organic electronic (OE) devices especially for bulk heterojunction (BHJ) organic photovoltaic (OPV) devices to a process for preparing an OE device especially a BHJ OPV device using the formulation and an OE device especially a BHJ OPV device prepared using such a process or formulation.

No. of Pages: 67 No. of Claims: 24

AMENDMENT UNDER SEC.57 (KOLKATA)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD TO PANASONIC CORPORATION in respect of Patent No.198570(1302/KOLNP/2003) was filed. Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent	Applicants	Title	Date of	Appropriate
No.			Cessation	Office
244525	INDIAN INSTITUTE OF	A process for preparation of a	19/12/2012	KOLKATA
	TECHNOLOGY	herbal skin nourishing gel.		

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropr iate Office
1	260501	10175/DELNP/2007	21/06/2006	07/07/2005	METHOD OF IMPARTING NON-STICK PROPERTY TO METAL SURFACE	NOVELIS INC.	20/06/2008	DELHI
2	260502	6739/DELNP/2006	25/04/2005	14/05/2004	A METHOD OF LOCATING ONE OF MORE TRANSMITTERS ON THE BASIS OF AN ARRAY OF SENSORS	THALES	31/08/2007	DELHI
3	260503	108/DELNP/2009	06/07/2007	07/07/2006	FLAVORS FOR ORAL COMPOSITIONS	THE PROCTER & GAMBLE COMPANY	12/06/2009	DELHI
4	260504	2737/DELNP/2006	15/10/2004	17/10/2003	A VULCANIZED TOOTHED BELT COMPRISING A FABRIC TREATED WITH A FLUORINATED PLASTOMER	DAYCO EUROPE S.R.L	10/08/2007	DELHI
5	260506	2335/DELNP/2004	10/02/2003	12/02/2002	A RECORDING SYSTEM	THOMSON LICENSING S.A.	02/10/2009	DELHI
6	260508	2477/DELNP/2006	22/04/2004	03/11/2003	METHOD FOR AUTOMATICALLY DELLETING RECORDS STORED IN A DATA STRUCTURE OF A WRITE-ONCE-READ- MANY STORAGE SYSTEM	NETWORK APPLIANCE,INC	10/08/2007	DELHI
7	260514	589/DEL/2005	17/03/2005	22/03/2004	EFFICIENT DATA TRANSFER TO/FROM STORAGE MEDIUM OF COMPUTING DEVICE	MICROSOFT CORPORATION	19/02/2010	DELHI
8	260517	701/DELNP/2004	26/08/2003	27/08/2002	SIDE RAILS USED FOR COMBINED OIL- CONTROL RING AND THEIR NITRIDING METHOD	KABUSHIKI KAISHA RIKEN	30/10/2009	DELHI
9	260518	5292/DELNP/2005	22/06/2004	30/06/2003	A SYSTEM FOR CONTROLLING NOTIFICATIONS TO USERS AND METHOD THEREOF	MICROSOFT CORPORATION	05/10/2007	DELHI

10	260519	5846/DELNP/2005	27/07/2004	28/07/2003	GRID MANAGEABLE APPLICATION PROCESS MANAGEMENT SCHEME	SAP AKTIENGESELLSCHAFT	15/01/2010	DELHI
11	260520	7147/DELNP/2008	13/02/2006	13/02/2006	PROCESS FOR THE PRODUCTION OF HYDROGEN OF HYDROGEN	UOP LLC	03/10/2008	DELHI
12	260521	1060/DEL/2003	28/08/2003	19/09/2002	A METHOD FOR PREPARING CRYSTALLINE ADIPIC ACID SALT OF AMLODIPINE	CJ CHEILJEDANG CORPORATION	27/05/2005	DELHI
13	260522	2898/DELNP/2005	14/11/2003	30/12/2002	A LOADER FOR AGRICULTURAL TRACTORS	SCHAGER, STAFFAN	05/01/2007	DELHI
14	260523	170/DEL/2005	27/01/2005	31/01/2004	OPTICAL RECORDING MEDIUM, RECORDING/REPRODUC ING APPARATUS, AND RECORDING/REPRODUC ING METHOD	SAMSUNG ELECTRONICS CO. LTD.	29/12/2006	DELHI
15	260533	3642/DELNP/2004	17/06/2003	28/06/2002	LINK ADAPTATION	INTERNATIONAL BUSINESS MACHINE CORPORATION	20/11/2009	DELHI
16	260537	4525/DELNP/2005	27/04/2004	06/05/2003	METHOD OF AUTHENTICATING A CONSUMALBE	LEXMARK INTERNATIONAL, INC.	07/12/2007	DELHI
17	260547	1454/DELNP/2006	22/10/2004	24/10/2003	HIGH EFFICIENCY GENE TRANSFER AND EXPRESSION IN MAMMALIAN CELLS BY A MULTIPLE TRANSFECTION PROCEDURE OF MAR SEQUENCES	SELEXIS S.A.	30/09/2011	DELHI
18	260549	2001/DELNP/2007	15/09/2005	16/09/2004	OXIDASE POLYPEPTIDE AND NUCLEIC ACID ENCODING THE SAME, AND VECTOR AND TRANSFORMED HOST CELL COMPRISING THE NUCLEIC ACID, AND USES OF THE OXIDASE POLYPEPTIDE	PURATOS NV	17/08/2007	DELHI
19	260553	2134/DEL/2008	10/09/2008 14:59:58		A PROCESS FOR COMMERCIAL MANUFACTURE OF KRADI	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)	02/04/2010	DELHI
20	260557	7671/DELNP/2006	30/06/2005	30/06/2004	A FOOD OR BEVERAGE PRODUCT	CARGILL, INC.,.	17/08/2007	DELHI
21	260558	2942/DELNP/2007	14/09/2006	22/09/2005	A METHOD OF MANUFACTURING A FOLDABLE DATA CARD ASSEMBLY AND DATA CARD ASSEMBLY THEREOF	e2interactive,Inc., d/b/a e2interactive,Inc.	17/08/2007	DELHI

22	260562	3161/DEL/2005	25/11/2005		A PROCESS FOR PREPARATION OF NANOPARTICLES OF HIGHER MOLECULAR WEIGHT OF POLYETHELENE	INDIAN INSTITUTE OF TECHNOLOGY	31/08/2007	DELHI
23	260563	7841/DELNP/2006	25/05/2005	25/05/2004	AN ANTIBODY OR AN ANTIGEN-BINDING FRAGMENT THEREOF THAT BINDS TO uPAR COMPOSITION AND ASSAY METHOD	TACTIC PHARMA, LLC	17/08/2007	DELHI
24	260564	2825/DELNP/2006	19/12/2003	19/12/2003	INTRAMEDULLARY NAIL	SYNTHES GmbH	13/07/2007	DELHI
25	260565	2115/DELNP/2007	13/10/2005	26/10/2004	SYSTEM FOR ALLOCATING AND DISTRIBUTING END USER INFORMATION IN A NETWORK ENVIRONMENT	CISCO TECHNOLOGY, INC.	03/08/2007	DELHI
26	260566	262/DEL/2006	01/02/2006	02/02/2005	A CONNECTOR	SUMITOMO WIRING SYSTEMS, LTD.	17/08/2007	DELHI
27	260568	3742/DELNP/2007	24/11/2005	26/11/2004	LEPTIN ANTAGONISTS	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM ,UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6),INSTITUTE NATIONALE DE LA RECHERCHE AGRONOMIQUE (INRA)	24/08/2007	DELHI
28	260569	1907/DEL/2005	12/12/1996	11/01/1996	ELECTRIC LAMP CAPPED WITHOUT CEMENT	PATENT - TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH.	31/08/2007	DELHI
29	260570	4355/DELNP/2008	03/12/2002	03/12/2001	A MESH CONTAINER	DESIGN IDEAS, LTD	15/08/2008	DELHI
30	260572	5812/DELNP/2007	15/11/2001	17/11/2000	METHOD OF OPERATING A FURNACE UTILISING A HYDROGEN-RICH GAS AS FURNANCE FUEL	DAVY PROCESS TECHNOLOGY LIMITED	17/08/2007	DELHI
31	260573	4391/DELNP/2006	13/01/2005	20/01/2004	BRAZED PLATE FIN HEAT EXCHANGER.	LUVATA GRENADA LLC,	15/06/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	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)	Appropria te Office
1	260524	2189/MUMNP/2008	16/02/2007	29/03/2006	POWER TRANSFER FIELD DEVICE	ROSEMOUNT INC.	26/06/2009	MUMBAI
2	260545	1030/MUM/2005	29/08/2005	27/09/2004	CONDUCTIVE BUS STRUCTURE FOR INTERFEROMETRIC MODULATOR ARRAY	QUALCOMM MEMS TECHNOLOGIES, INC.	22/06/2007	MUMBAI
3	260546	1255/MUMNP/2008	08/03/2007	15/03/2006	ELECTRONIC BALANCE WITH AN INTEGRATED COMPUTER	SARTORIOUS LAB INSTRUMENTS GMBH & CO.KG	19/09/2008	MUMBAI
4	260548	1044/MUM/2006	30/06/2006		A PLASMA PROCESS FOR SURFACE MODIFICATION OF BRASS FOR BRASS TO RUBBER BONDING	INSTITUTE FOR PLASMA RESEARCH	29/08/2008	MUMBAI
5	260551	1295/MUMNP/2006	03/05/2005	04/05/2004	ELECTROCHEMICAL CELLS HAVING CURRENT-CARRYING STRUCTURES UNDERLYING ELECTROCHEMICAL REACTION LAYERS	ANGSTROM POWER INCORPORATED	06/04/2007	MUMBAI
6	260561	1966/MUMNP/2008	10/07/2007	19/07/2006	METHOD AND DEVICE FOR INITIAL SYNCHRONIZATION BETWEEN GSM SYSTEM AND TD- SCDMA SYSTEM	CHINA ACADEMY OF TELECOMMUNICATIO NS	16/01/2009	MUMBAI
7	260574	2259/MUM/2008	20/10/2008 14:58:14	30/10/2007	ELEVATOR DRIVING INVERTER SYSTEM WITHOUT ELECTROLYTIC CAPACITOR	HYUNDAI ELEVATOR CO LTD	12/06/2009	MUMBAI

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Seri al Nu mbe r	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	260505	6026/CHENP/2008	04/05/2007	08/05/2006	THERMAL INSULATION COMPOSITIONS CONTAINING ORGANIC SOLVENT AND GELLING AGENT AND METHODS OF USING THE SAME	BJ SERVICES COMPANY	27/03/2009	CHENNAI
2	260507	4318/CHENP/2008	21/02/2007	22/02/2006	A METHOD OF ESTABLISHING CRYPTOGRAPHIC SESSION KEY	VIACCESS	13/03/2009	CHENNAI
3	260509	1450/CHENP/2008	26/09/2006	26/09/2005	CASSETTE CONTAINING GROWTH MEDIUM	RAPID MICRO BIOSYSTEMS, INC.	28/11/2008	CHENNAI
4	260510	3212/CHENP/2007	28/11/2005	23/12/2004	POLYOLEFINIC COMPOSITIONS HAVING GOOD WHITENING RESISTANCE	BASELL POLIOLEFINE ITALIA S.R.L	12/10/2007	CHENNAI
5	260511	4075/CHENP/2008	11/09/2006	05/01/2006	POWER BACKUP PROCESSOR	CONSTRUCTIONS ELECTRONIQUES + TELECOMMUNICATIO NS	13/03/2009	CHENNAI
6	260512	2366/CHENP/2008	10/11/2006	14/11/2005	CATALYST COMPOSITIONS AND PROCESS FOR OXYCHLORINATION	OXYVINYLS, LP	06/03/2009	CHENNAI
7	260513	4530/CHENP/2008	23/02/2007	31/01/2006	RECEIVER AND INTEGRATED AM- FM/IQ DEMODULATORS FOR GIGABIT-RATE DATE DETECTION	INTERNATIONAL BUSINESS MACHINES CORPORATION	13/03/2009	CHENNAI
8	260515	3581/CHENP/2008	27/03/2006	27/03/2006	METHOD FOR PROVISIONING A MOBILE WIRELESS COMMUNICATIONS DEVICE, INCLUDING INDICATORS REPRESENTATIVE OF IMAGE AND SOUND DATA	TEAMON SYSTEMS INC.	13/03/2009	CHENNAI

9	260516	3478/CHENP/2007	07/02/2006	09/02/2005	ACRYLATO- FUNCTIONAL POLYSILOXANE COMPOSITIONS	HUNTSMAN TEXTILE EFFECTS (GERMANY) GmbH	16/11/2007	CHENNAI
10	260525	1337/CHENP/2007	23/11/2004	01/10/2004	METHOD AND APPARATUS FOR PROCESSING ROUTING REQUESTS	TELECOMCIA PROPERTIES LIMITED	31/08/2007	CHENNAI
11	260526	3366/CHENP/2006	17/03/2004	17/03/2004	A METHOD OF PERFORMING SEISMIC ACQUISITION	WESTERNGECO SEISMIC HOLDINGS ,LTD	22/06/2007	CHENNAI
12	260527	1258/CHENP/2007	19/09/2005	27/10/2004	LEAK DETECTION STRUCTURE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	31/08/2007	CHENNAI
13	260528	4509/CHENP/2006	10/05/2005	10/05/2004	PALLADIUM ALLOY	DERINGER-NEY, INC.	29/06/2007	CHENNAI
14	260532	3186/CHENP/2007	20/12/2005	21/12/2004	FCC CATALYST, ITS PREPARATION AND USE	ALBEMARLE NETHERLANDS BV	07/09/2007	CHENNAI
15	260534	5228/CHENP/2008	28/03/2007	31/03/2006	POLYLACTIDE COMPOSITION AND A PROCESS OF MANUFACTURING THE SAME	TEIJIN LIMITED,MUSASHINO CHEMICAL LABORATORY LTD	20/03/2009	CHENNAI
16	260535	30/CHE/2007	05/01/2007		A CHIMERIC PROMOTER AND A METHOD THEREOF	METAHELIX LIFE SCIENCES LIMITED	28/11/2008	CHENNAI
17	260536	2538/CHENP/2007	05/12/2005	13/12/2004	MODULAR PROCESS TO MANUFACTURE AND ASSEMBLE AUTOMOTIVE VEHICLE STRUCTURE, FOR PASSENGER AND LOAD TRANSPORTATION, AND RESULTING BODY AND CHASSIS	MARCOPOLO S/A	07/09/2007	CHENNAI
18	260538	3263/CHENP/2008	25/12/2006	26/12/2005	METHOD FOR PRODUCING PRIMARY AMINE COMPOUND	SUMITOMO CHEMICAL COMPANY, LIMITED	06/03/2009	CHENNAI
19	260539	1975/CHE/2006	30/10/2006		A COST-EFFECTIVE CHROMATOGRAPHIC PROCEDURE FOR ENHANCED YIELD	BIOCON LIMITED	28/11/2008	CHENNAI
20	260542	3434/CHENP/2007	30/01/2006	04/02/2005	PROCESS AND APPARATUS FOR THE POLYMERIZATION OF ETHYLENE	BASELL POLYOLEFINE GMBH	16/11/2007	CHENNAI
21	260554	2481/CHE/2006	29/12/2006		METHOD OF RENDERING A MOBILE PHONE CAPABLE OF BEING OPERATED BY A USER IN ANY VERTICAL ORIENTATION WHILE RECEIVING/MAKING A CALL	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI

22	260555	6187/CHENP/2008	22/05/2007	22/05/2006	A METHOD FOR DERIVATION AND FEEDBACK OF A TRANSMIT STEERING MATRIX IN MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) TRANSMISSION	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
23	260571	1290/CHENP/2007	13/09/2005	28/09/2004	METHOD FOR OPERATING A FUNCTION MODULE MANAGEMENT SYSTEM	ROBERT BOSCH GMBH	31/08/2007	CHENNAI
24	260575	1220/CHENP/2009	26/07/2007	07/09/2006	SECURITY AUTHENTICATION AND KEY MANAGEMENT WITHIN AN INFRASTRUCTURE- BASED WIRELESS MULTI-HOP NETWORK	MOTOROLA SOLUTIONS, INC	26/06/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	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	260529	3701/KOLNP/2008	12/02/2007	15/02/2006	METHOD TO ELECTRODEPOSIT METALS USING IONIC LIQUIDS	AKZO NOBEL N.V.	20/02/2009	KOLKATA
2	260530	2860/KOLNP/2009	04/12/2007	12/01/2007	COMPOSITION AND METHOD FOR RESTORING AN ELECTRICAL CABLE AND INHIBITING CORROSION IN THE ALUMINUM CONDUCTOR CORE	UTILX CORPORATION	13/08/2010	KOLKATA
3	260531	4223/KOLNP/2009	08/11/2007	11/05/2007	PROCESS FOR PREPARATION OF ISOSULFAN BLUE	APICORE, LLC	09/04/2010	KOLKATA
4	260540	1708/KOL/2007	19/12/2007	09/01/2007	AXIAL ROTOR SECTION FOR A ROTOR OF A TURBINE	SIEMENS AKTIENGESELLSCH AFT	18/07/2008	KOLKATA
5	260541	632/KOL/2006	27/06/2006		AN ONLINE PROCESS FOR CONTINUOUS HEALTH MONITORING OF ELECTRICAL EQUIPMENT HOUSED IN A CHAMBER	TATA STEEL LIMITED.	10/04/2009	KOLKATA
6	260543	445/KOL/2008	05/03/2008	20/04/2007	MULTI-SPEED TRANSMISSION WITH FOUR PLANETARY GEAR SETS AND FIVE TORQUE- TRANSMITTING DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	07/11/2008	KOLKATA
7	260544	196/KOL/2005	22/03/2005		HIGH TEMPERATURE BULK SOLID RECIRCULATOR FOR HIGH PRESSURE FLUIDIZED BED GASIFICATION SYSTEM	BHARAT HEAVY ELECTRICALS LIMITED	12/01/2007	KOLKATA
8	260550	2944/KOLNP/2006	13/04/2005	14/04/2004	METHOD FOR PRODUCING EXTENSIBLE PAPER	CARTIERE CARIOLARO S.p.A,TRANI,GIORGI O	08/06/2007	KOLKATA
9	260552	3542/KOLNP/2006	28/01/2005	01/06/2004	SELF-ORIENTING CASTER FOR PIECES OF FURNITURE AND THE LIKE	EMILSIDER MECCANICA S.P.A.	15/06/2007	KOLKATA

10	260556	730/KOL/2009	12/05/2009		A PROCESS FOR SEPARATION OF CARBON DIOXIDE FROM FUEL GASIFICATION AND COMBUSTION PRODUCTS AND REGENERATION BY A THERMAL PROCESS	BHARAT HEAVY ELECTRICALS LIMITED	26/08/2011	KOLKATA
11	260559	3351/KOLNP/2007	02/02/2006	11/02/2005	LUBRICANT CONCENTRATE CONTAINING A PHOSPHATE TRIESTER	JOHNSONDIVERSEY INC.	18/01/2008	KOLKATA
12	260560	1001/KOLNP/2007	21/09/2005	27/09/2004	FINE NEEDLE ASPIRATION ARRANGEMENT FOR CELL SAMPLING	NEO DYNAMICS AB.,	31/08/2007	KOLKATA
13	260567	3774/KOLNP/2008	16/02/2007	21/02/2006	ZEOLITE MICRONEEDLES AND PREPARATION THEREOF	THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	27/02/2009	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

COPYRIGHT PUBLICATION

SL NO	CASE NUMBERS	RENEWED ON
1.	197564	21.04.2014
2.	197566	21.04.2014
3.	196766	21.04.2014
4.	196884	21.04.2014
5.	196885	21.04.2014
6.	196886	21.04.2014
7.	196993	21.04.2014
8.	196997	21.04.2014
9.	196999	21.04.2014
10.	197089	21.04.2014
11.	197620	10.04.2014
12.	197621	10.04.2014
13.	249356	25.04.2014
14.	249376	25.04.2014
15.	249378	25.04.2014

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of PHOENIX CONTACT GMBH & CO. KG registered under the Designs Act, 2000 has been assigned in the Register of Designs along with joint-proprietor's name is as follows:-

Design No. Class	Name
233365, 233366 13-03	NARI STATE GRID ELECTRIC POWER RESEARCH INSTITUTE, A TECHNOLOGY INSTITUTE ORGANIZED AND EXISTING UNDER THE LAWS OF THE PEOPLE'S REPUBLIC OF CHINA, OF NO. 8 NARI ROAD, NANJING 210003, PEOPLE'S REPUBLIC OF CHINA AND NARI TECHNOLOGY DEVELOPMENT CO., LTD., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE PEOPLE'S REPUBLIC OF CHINA, OF 20 GAOXIN ROAD, NANJING HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, NANJING 210061, PEOPLE'S REPUBLIC OF CHINA

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 253137			
CLASS	23-01		
1)KOHLER CO., A COMPANY OF OF USA, OF 444 HIGHLAND DRIVE, KOHLE AMERICA			
DATE OF REGISTRATION	12/04/2	2013	
TITLE	FAUC	CET	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/434,749	16/10/2012	U.S.A.	
DESIGN NUMBER	2548	808	
CLASS	15-0)9	
TECHNOLOGY, COIMBATORE-64	11004, TAMILNADU, INDI		4 11
	11004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, O TIONAL AND J. VISHNUU COIMBATORE DISTRICT	IA, INDIAN PLOT NO. 59, CHENNAI-73, U,	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEM TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI,	11004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, O TIONAL AND J. VISHNUU COIMBATORE DISTRICT	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001,	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEM TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NAT	11004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, O TIONAL AND J. VISHNUU COIMBATORE DISTRICT ONAL	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001,	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEM TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION	B1004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, C FIONAL AND J. VISHNUU COIMBATORE DISTRICT FONAL	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001,	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEN TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION TITLE	B1004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, C FIONAL AND J. VISHNUU COIMBATORE DISTRICT FONAL	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001, 2013 PER	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEN TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION TITLE PRIORITY NA	B1004, TAMILNADU, INDI B. AKARSHANA FLATS, IBAKKAM, SELAIYUR, C FIONAL AND J. VISHNUU COIMBATORE DISTRICT FONAL 26/06/2 GRIPE	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001, PER	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEN TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	1004, TAMILNADU, INDIB. AKARSHANA FLATS, IBAKKAM, SELAIYUR, CIONAL AND J. VISHNUU COIMBATORE DISTRICT ONAL 26/06/2 GRIPF 2564 12-1 A COMPANY INCORPORTS ITS OFFICE AT	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001, 2013 PER 24 16 RATED UNDER THE	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEN TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HERO MOTOCORP LIMITED, INDIAN COMPANIES ACT, HAVIN	1004, TAMILNADU, INDIB. AKARSHANA FLATS, IBAKKAM, SELAIYUR, CIONAL AND J. VISHNUU COIMBATORE DISTRICT ONAL 26/06/2 GRIPF 2564 12-1 A COMPANY INCORPORTS ITS OFFICE AT	1A, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001, 2013 PER 24 16 RATED UNDER THE LR, NEW DELHI-110057	
TECHNOLOGY, COIMBATORE-64 NATIONAL, B. ARAVIND, 1B, A.K. BAJANAI KOIL 2ND STREET, SEN TAMILNADU, INDIA, INDIAN NAT 69/193, BAZAAR ST, POLLACHI, TAMILNADU, INDIA, INDIAN NATI DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HERO MOTOCORP LIMITED, INDIAN COMPANIES ACT, HAVIN 34, COMMUNITY CENTRE, BAS	A COMPANY INCORPOR	IA, INDIAN PLOT NO. 59, CHENNAI-73, U, C-642001, 2013 PER 24 16 RATED UNDER THE LR, NEW DELHI-110057 2013	

DESIGN NUMBER	253587
CLASS	24-02

1)SANTEN PHARMACEUTICAL CO., LTD., OF

9-19, SHIMOSHINJO 3-CHOME, HIGASHIYODOGAWA-KU, OSAKA-SHI, OSAKA 5338651, JAPAN

DATE OF REGISTRATION	30/04/2013
TITLE	INTRAOCULAR LENS HOLDER



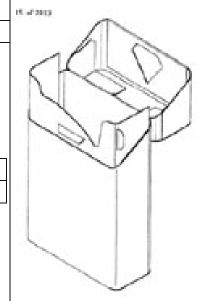
П	INOMII				
	PRIORITY NUMBER	DATE	COUNTRY		
	2012-026403	30/10/2012	JAPAN		



DESIGN NUMBER	254845	
CLASS	09-03	
1) IAPAN TORACCO INC. A IAPANESE CORPORATION		

)JAPAN TOBACCO INC., A JAPANESE CORPORATION, OF 2-1, TORANOMON 2-CHOME, MINATO-KU, TOKYO, JAPAN

DATE OF REGISTRATION	27/06/2013	
TITLE	CIGARETTE PACKAGING BOX	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2012-032157	28/12/2012	JAPAN

DESIGN NUMBER	254302	
CLASS	12-16	
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE		
DATE OF REGISTRATION	06/06/2013	

DATE OF REGISTRATION	06/06/2013	
TITLE	UNDERBODY OF VEHICLE BUMPERS	



DESIGN NUMBER		255291	
CLASS	23-04		
1)ZOBELE HOLDING S.P.A., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY OF VIA FERSINA 4, 38100 TRENTO, ITALY			
DATE OF REGISTRATION	17	7/07/2013	
TITLE		APORATOR OF ACTIVE BSTANCES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002168138-0001	17/01/2013	OHIM	
DESIGN NUMBER		255566	
CLASS		13-03	B
1)SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY, A GERMAN COMPANY			
DATE OF REGISTRATION		0/07/2013	
TITLE	SWITCHING DEVICE		
PRIORITY	T T		
PRIORITY NUMBER	DATE	COUNTRY	
EU 001359582	31/01/2013	OHIM	•
DESIGN NUMBER	256238		
CLASS		26-05	
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			
DATE OF REGISTRATION	05/09/2013		17/3
TITLE	WALL LAMP		4//
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	_
002200154-0008	11/03/2013 OHIM		

DESIGN NUMBER		255843	
CLASS	11-01		
1)R. R. JEWELLERS IS A PARTN PARTNERSHIP ACT, 1932 BETWE TEJAS RAMESHBHAI SHAH AND OFFICE IS AT 3RD FLOOR, "PANNA MANEK", ROAD, RAJKOT-360001, GUJARAT,	EN 1) JIGNESH RAM 3) ALPA JIGNESHBI OPP. MAA ASHAPUF	ESHBHAI SHAH 2) HAI SHAH WHOSE	
DATE OF REGISTRATION	16	5/08/2013	
TITLE	E.	ARRING	
PRIORITY NA			
DESIGN NUMBER		254294	
CLASS		12-16	
1)RENAULT TRUCKS, A COMPA FRANCE, OF 99 ROUTE DE LYON, 69800 S			
DATE OF REGISTRATION	06	5/06/2013	
TITLE	WIND DEFLECTORS FOR VEHICLES ROOF		
PRIORITY NA			
DESIGN NUMBER		253235	
CLASS	15-99		
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY			
DATE OF REGISTRATION	18/04/2013		
TITLE	CONE CRUSHER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001360325	11/02/2013 OHIM		

DESIGN NUMBER		256426	
CLASS		12-16	
1)HERO MOTOCORP LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057			Mon 6
DATE OF REGISTRATION	13	3/09/2013	161 161
TITLE		PILLION MEMBER OF A	
PRIORITY NA			
DESIGN NUMBER		256237	
CLASS		26-05	
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			T
DATE OF REGISTRATION		5/09/2013	
TITLE	CEII	LING LAMP	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
002200154-0007	11/03/2013	OHIM	
DESIGN NUMBER	<u> </u>	255669	
CLASS		04-01	
1)KIMBERLY-CLARK WORLDWIDE, INC., A CORPORATION OF THE STATE OF DELAWARE, USA, OF 2300 WINCHESTER ROAD, NEENAH, WISCONSIN 54956, USA			E .
DATE OF REGISTRATION	06/08/2013		
TITLE	MOP HEAD		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/446786	27/02/2013	U.S.A.	_

DESIGN NUMBER	255755
CLASS	12-05

1)M/S ESCORTS LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956),

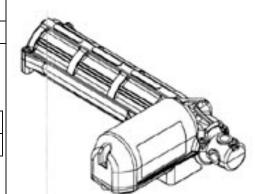
15/5, MATHURA ROAD, FARIDABAD-121003, HARYANA., (INDIA)

DATE OF REGISTRATION	12/08/2013	
TITLE	CRANE	



PRIORITY NA

DESIGN NUMBER	254854		
CLASS	08-05		
1)SIR SOCIETA ITALIANA RIDUTTORI S.R.L., VIA GASDOTTO, 65 36078 VALDAGNO (VI), ITALY			
DATE OF REGISTRATION 28/06/2013			
TITLE	LINEAR ACTUATOR		



PRIORITY

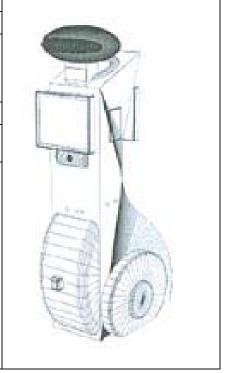
PRIORITY NUMBER	DATE	COUNTRY
EM 002160267	28/12/2012	EUROPEAN UNION

DESIGN NUMBER	255003	
CLASS	14-02	
1)DOLADIS FINANCIAL TECHNOLOCY LTD. HAVING DLACE OF BUSINESS		

1)POLARIS FINANCIAL TECHNOLOGY LTD, HAVING PLACE OF BUSINESS AT POLARIS HOUSE, 244 ANNA, SALAI, CHENNAI 600006, INDIA AND

GEEKY TECHNOLOGY AND CONSULTING PVT LTD, HAVING PLACE OF BUSINESS IN AT 52/4, 47TH STREET, ASHOK NAGAR, CHENNAI, 600083, INDIA

DATE OF REGISTRATION	04/07/2013	
TITLE	ROBOT FOR PROVIDING CUSTOMER SERVICE INFORMATION	



DESIGN NUMBER	256632	
CLASS	09-05	
INDIAN COMPANIES ACT, 1956),	COMPANY INCORPORATED UNDER THE L AREA, PHASE-1, DELHI-110064	
DATE OF REGISTRATION	20/09/2013	
TITLE	PACKAGING TUBE	
PRIORITY NA		
DESIGN NUMBER	255313	
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		The state of the s
DATE OF REGISTRATION	18/07/2013	
TITLE	BOWL	(11)
PRIORITY NA		and the same of th
DESIGN NUMBER	254819	
CLASS	12-05	
1)ACTION CONSTRUCTION EQU OF DHUDHOLLA LINK ROAD, V 121102, INDIA, AN INDIAN COMPA	/ILLAGE DHUDHOLLA, PALWAL, HARYANA-	
DATE OF REGISTRATION	26/06/2013	
TITLE	OUTRIGGER OF CRANE	
PRIORITY NA	•	

DESIGN NUMBER	255395	
CLASS	09-01	10.31
	TERN EXPRESS HIGHWAY, BORIVLI (E), INDIA OF SHRI PANKAJ KHANTILAL SHAH,	
DATE OF REGISTRATION	25/07/2013	海科南部
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	256431	
CLASS	12-16	
1)HERO MOTOCORP LIMITED, INDIAN COMPANIES ACT, HAVIN 34, COMMUNITY CENTRE, BAS.		
DATE OF REGISTRATION	13/09/2013	
TITLE	CASE FOR INSTRUMENT CLUSTER OF A TWO-WHEELED VEHICLE	
PRIORITY NA		
DESIGN NUMBER	255847	
CLASS	11-01	-
PARTNERSHIP ACT, 1932 BETWE TEJAS RAMESHBHAI SHAH AND OFFICE IS AT	ERSHIP FIRM REGISTERED UNDER THE EN 1) JIGNESH RAMESHBHAI SHAH 2) 3) ALPA JIGNESHBHAI SHAH WHOSE , OPP. MAA ASHAPURA TEMPLE, PALACE INDIA	
DATE OF REGISTRATION	16/08/2013	
TITLE	EARRING	6,000
PRIORITY NA		

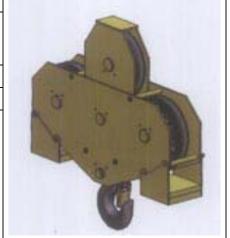
DESIGN NUMBER		2560	13	
CLASS		10-0)4	
1)DANAHER (SHANGHAI) INDU TECHNOLOGIES R&D CO., LTD. OF 4/F, NO. 6 BUILDING, LINHO SHANGHAI 200335, P.R. CHINA; N.	, ONG ROAD NO. 280), CHAN		
DATE OF REGISTRATION		23/08/2	2013	100 3/1/F
TITLE	DIGIT	ΓAL MU	LTIMETER	
PRIORITY				(°°° °° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
PRIORITY NUMBER	DATE		COUNTRY	
201330263248.3	19/06/2013		CHINA	
DESIGN NUMBER		2543	16	
CLASS		12-1	6	
FRANCE, OF 99 ROUTE DE LYON, 69800 DATE OF REGISTRATION TITLE PRIORITY NA	,	06/06/2	2013 R FOR VEHICLE	
DESIGN NUMBER		2553	85	
CLASS		15-0)1	
1)HONDA MOTOR CO., LTD., A OF 1-1, MINAMI-AOYAMA 2-C				
DATE OF REGISTRATION		24/07/2	2013	
TITLE	INTERNAL	COMBI	USTION ENGINE	10. 7
PRIORITY				TOTA THE
PRIORITY NUMBER	DATE		COUNTRY	ALC: NO.
2013-001413	25/01/2013		JAPAN	

DESIGN NUMBER	254817
CLASS	12-05

1)ACTION CONSTRUCTION EQUIPMENT LTD.,

OF DHUDHOLLA LINK ROAD, VILLAGE DHUDHOLLA, PALWAL, HARYANA-121102, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	26/06/2013
TITLE	HOOK BLOCK OF CRANE



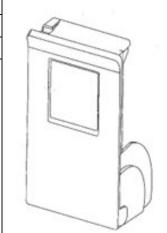
PRIORITY NA

DESIGN NUMBER	251947
CLASS	24-02

1)CEPHEID, A CORPORATION OF THE STATE OF CALIFORNIA OF

904 CARIBBEAN DRIVE, SUNNYVALE, CALIFORNIA 94089, UNITED STATES OF AMERICA

DATE OF REGISTRATION	28/02/2013
TITLE	DATA DOOR FOR AN ANALYSIS SYSTEM



PRIORITY

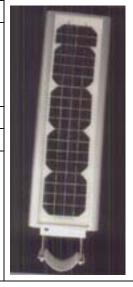
PRIORITY NUMBER	DATE	COUNTRY
29/431,292	05/09/2012	U.S.A.

DESIGN NUMBER	254858
CLASS	26-03

1)(1)FALGUN DEVENDRABHAI BHATT (2) SMT. RUJAL FALGUN BHATT BOTH INDIAN NATIONAL AND PARTNERS OF NEETY EURO ASIA SOLAR ENERGY (A PARTNERSHIP FIRM) HAVING THEIR PLACE OF BUSINESS AT

BUNGLOW NO. 4, SHREE NAGAR SOCIETY, OPP. GOLDEN TRIANGLE, S.P. STADIUM ROAD, AHMEDABAD-380014 GUJARAT (INDIA)

DATE OF REGISTRATION	28/06/2013
TITLE	SOLAR STREET LIGHT



DESIGN NUMBER	256633	
CLASS	09-07	
1)M/S. AISHWARYA ELECTRICA UNDER THE INDIAN COMPANIES F 1/C, SITE NO. 1, PANKI INDUST		
DATE OF REGISTRATION	20/09/2013	
TITLE	BOTTLE CAP	
PRIORITY NA		
DESIGN NUMBER	255314	
CLASS	07-01	and the state of t
1)MA DESIGN INDIA PRIVATE LI INDIA HAVING ITS PRINCIPAL PL A-41, SECTOR-80, PHASE-II, NOII		THE PROPERTY AND A SECOND PORTY OF THE PROPERTY OF THE PROPERT
DATE OF REGISTRATION	18/07/2013	
TITLE	DISH	0
PRIORITY NA		CONTRACTOR OF THE PARTY OF THE
DESIGN NUMBER	254820	
CLASS	12-05	
1)ACTION CONSTRUCTION EQUIPMENT OF DHUDHOLLA LINK ROAD, VI 121102, INDIA, AN INDIAN COMPAN	LLAGE DHUDHOLLA, PALWAL, HARYANA-	
DATE OF REGISTRATION	26/06/2013	
TITLE	UPPER BRACKET OF CRANE	
PRIORITY NA		

		271122	
DESIGN NUMBER		256432	
CLASS		12-16	
1)HERO MOTOCORP LIMITED, INDIAN COMPANIES ACT, HAVIN 34, COMMUNITY CENTRE, BAS	IG ITS OFFICE AT		
DATE OF REGISTRATION	1	3/09/2013	C
TITLE		R FOR A TWO-WHEELED /EHICLE	
PRIORITY NA			
DESIGN NUMBER		256406	
CLASS		24-99	
1)J. MITRA & CO. PVT. LTD., AN THE INDIAN COMPANIES ACT 19 A-180, OKHLA INDUSTRIAL AR	56,		0.00
DATE OF REGISTRATION	1:	2/09/2013	
TITLE		DEVICE FOR DENGUE ES AND ANTIGEN	
PRIORITY NA			
DESIGN NUMBER		256014	
CLASS		10-04	
1)DANAHER (SHANGHAI) INDU TECHNOLOGIES R&D CO., LTD., OF 4/F, NO. 6 BUILDING, LINHO SHANGHAI 200335, P.R. CHINA; NA	NG ROAD NO. 280, C	CHANGNING DISTRICT,	
DATE OF REGISTRATION	2	3/08/2013	
TITLE	DIGITAI	L MULTIMETER	
PRIORITY			C000///
PRIORITY NUMBER	DATE	COUNTRY	
201330263248.3	19/06/2013	CHINA	

DESIGN NUMBER	255086	
CLASS	09-07	
NO. 3, YANQI RIVER WEST RO	ACKAGING TECHNOLOGY LIMITED, DAD, YANQI ECONOMIC DEVELOPMENT AREA, 407, PEOPLES REPUBLIC OF CHINA	
DATE OF REGISTRATION	09/07/2013	
TITLE	FOIL CAP	A
PRIORITY NA		
DESIGN NUMBER	254323	
CLASS	12-16	
1)RENAULT TRUCKS, A COMP FRANCE, OF 99 ROUTE DE LYON, 69800 DATE OF REGISTRATION	SAINT PRIEST, FRANCE 06/06/2013	
TITLE	DECORATIVE FITTINGS FOR VEHICLES	
PRIORITY NA	DECORATIVE FITTINGS FOR VEHICLES	
DESIGN NUMBER	256639	
CLASS	04-01	
COMPANY, WHOSE ADDRESS IS	RIETOR OF FIRM: M/S SUPREME GLOBAL S AGAR, DELHI-110042, INDIA, INDIAN	
DATE OF REGISTRATION	20/09/2013	
TITLE	BRUSH	
PRIORITY NA		

		271022						
DESIGN NUMBER		254823						
CLASS		12-05						
1)ACTION CONSTRUCTI OF DHUDHOLLA LINK F PALWAL, HARYANA-12110	ROAD, VILLA	GE DHUDHOLI		-COM 1			A STATE OF	双
DATE OF REGISTRATION		26/06/2013		-	S Mary S	y con		
TITLE	JIB ASS	SEMBLY OF CR	ANE					
PRIORITY NA								
DESIGN NUMBER			254867					
CLASS			10-06					
EINDHOVEN, WHOSE POST-OFFICE A EINDHOVEN, THE NETHER DATE OF REGISTRATION			MPUS 5, 5656 8/06/2013	5 AE				
TITLE		MOBILE A						
THLE		MODILE A	LARM PEN	DANT				
PRIORITY								
		DATE	COUN	VTRY				
PRIORITY PRIORITY NUMBER				VTRY				
PRIORITY PRIORITY NUMBER		DATE 07/01/2013	COUN	VTRY				
PRIORITY PRIORITY NUMBER 002162610-001		DATE 07/01/2013	COUN	VTRY				
PRIORITY PRIORITY NUMBER 002162610-001 DESIGN NUMBER	A CITIZEN (DATE 07/01/2013 DF THAILAND	253629 23-03 OF THE AD	OTRY ODRESS:				
PRIORITY PRIORITY NUMBER 002162610-001 DESIGN NUMBER CLASS 1)MR. DHITI TOWIWAT 163/71, PHAHONYOTHIN	A CITIZEN O	DATE 07/01/2013 DF THAILAND ONG LAT YAO, K	253629 23-03 OF THE AD	OTRY ODRESS:				

DESIGN NUMBER		254332	
CLASS	12-16		(III)
1)RENAULT TRUCKS, A COMPA FRANCE, OF 99 ROUTE DE LYON, 69800 S			
DATE OF REGISTRATION	06	/06/2013	
TITLE	DECORATIVE FIT	TINGS FOR VEHICLES	
PRIORITY NA			
DESIGN NUMBER	2	255317	
CLASS		100 Co. 100 Co	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	3		
DATE OF REGISTRATION	18/07/2013		
TITLE	SPOON (FOR SALT)		- P. P.
PRIORITY NA	1		
DESIGN NUMBER	2	254897	
CLASS	15-99		
1)SANDVIK INTELLECTUAL PR SE-811 81 SANDVIKEN, SWEDE			
DATE OF REGISTRATION	01	/07/2013	
TITLE	MOTOR MOUNT FOR CRUSHER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001357495-0001	15/01/2013 OHIM		
•	-		1

DESIGN NUMBER	255328	
CLASS		
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	18/07/2013	
TITLE	COASTER (SET)	
PRIORITY NA		
DESIGN NUMBER	256470	
CLASS	07-03	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO		S
DATE OF REGISTRATION		
TITLE	SPOON	
PRIORITY NA		5
DESIGN NUMBER	256565	
CLASS		
1)NAVEEN SHARMA, A-4, PRAHLAD MARKET, KARO INDIAN NATIONAL OF ABOVE AD		
DATE OF REGISTRATION	713	
TITLE	13	
PRIORITY NA		

DESIGN NUMBER	255597	
CLASS 08-09		The state of the s
1)OZONE OVERSEAS PVT. LTD, EXISTING UNDER THE COMPANI H-40, BALI NAGAR, NEW DELHI		
DATE OF REGISTRATION	01/08/2013	1
TITLE	GLASS FITTING	
PRIORITY NA		
DESIGN NUMBER	253645	
CLASS	09-09	
ADDRESS AT 27, PRATHAMIKSHALA ROAD, N DIST: RAJKOT, GUJARAT, INDIA		
DATE OF REGISTRATION	03/05/2013	
TITLE	FOOD STICK	
PRIORITY NA		
DESIGN NUMBER	256794	
CLASS	\$0.00	
1)MEKO AUTO PVT. LTD., M-24, BAWANA, DELHI-110039, INDIA, AN INDIAN COMPANY REGISTE COMPANIES ACT, 1956, OF THE AB		
DATE OF REGISTRATION 26/09/2013		
TITLE	The same of the sa	
PRIORITY NA		

DESIGN NUMBER	255322
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	18/07/2013
TITLE	NAPKIN HOLDER



PRIORITY NA

DESIGN NUMBER	256435
CLASS	12-16

1)HERO MOTOCORP LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS OFFICE AT

34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI- 110057

DATE OF REGISTRATION	13/09/2013		
TITLE	MIRROR FOR A TWO WHEELED VEHICLE		

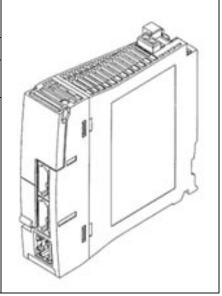


PRIORITY NA

DESIGN NUMBER 256613		
CLASS	13-03	
1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN.		

MANUFACTURERS AND MERCHANTS, OF THE ADDRESS 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN

DATE OF REGISTRATION 19/09/2013	
TITLE	PROGRAMMABLE CONTROLLER FOR PRODUCTION LINE IN A FACTORY



DESIGN NUMBER		256316	
CLASS		08-08	7
1)SPRINTQUIP PTY LTD., AN AU 1, ARAB ROAD, PADSTOW, NEV			
DATE OF REGISTRATION	(09/09/2013	
TITLE	MOUN	TING BRACKET	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	8
11189/2013	12/03/2013	AUSTRALIA	
DESIGN NUMBER		254898	
CLASS		15-99	
1)SANDVIK INTELLECTUAL PR SE-811 81 SANDVIKEN, SWEDE		PANY	
DATE OF REGISTRATION	(01/07/2013	A STATE OF THE PARTY OF THE PAR
TITLE	MOTOR MO	OUNT FOR CRUSHER	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001357495-0002	15/01/2013	OHIM	
DESIGN NUMBER		255119	
CLASS		24-03	1
1)BLUE BELT TECHNOLOGIES, EXISTING UNDER THE LAW OF OF 2828 LIBERTY AVENUE, SU UNITED STATES OF AMERICA			
DATE OF REGISTRATION		10/07/2013	
TITLE	KNI	EE IMPLANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/441,893	10/01/2013	U.S.A.	

DESIGN NUMBER		251612	
CLASS		06-04	
1)RABIRUN VINIMAY PVT. LT INDUSTRIAL PARK, (KHARAGPUR-WBIDC), VILL./ KHARAGPUR (L), DISTPASCHIM			
DATE OF REGISTRATION	13	3/02/2013	tionage
TITLE	MOVABLE K	LITCHEN COUNTER	
PRIORITY NA			
DESIGN NUMBER		256812	
CLASS		12-11	- 500
1)HERO MOTOCORP LIMITED INDIAN COMPANIES ACT, HAVI 34, COMMUNITY CENTRE, BA	The first of the second		
DATE OF REGISTRATION	20	5/09/2013	TO THE CAS
TITLE	MOTORCYCLE		
PRIORITY NA			
DESIGN NUMBER		255131	
CLASS		21-01	
1)VOLVO TRUCK CORPORATI OF 40508 GOTEBORG, SWEDE			
DATE OF REGISTRATION	TE OF REGISTRATION 11/07/2013		
TITLE	TO	Y TRUCK	
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
002179135-0001	06/02/2013	OHIM	P

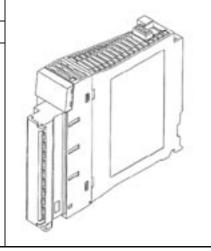
DESIGN NUMBER		255374	
CLASS		13-03	
1)T. G. KALIMUTHU, PROPRIET AT NO. 66, A.S. GINNING COMP TAMILNADU, INDIA, INDIAN-NATI	OUND, KANGEYAM	ROAD, TIRUPUR-641604,	
DATE OF REGISTRATION	22	2/07/2013	No. 11 Page 1
TITLE		EET LIGHT SWITCH NTROLLER	
PRIORITY NA			
DESIGN NUMBER		256479	
CLASS		11-02	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS	AT	2
DATE OF REGISTRATION	10	6/09/2013	-
TITLE	DECORATIVE ARTICLE		
PRIORITY NA			
DESIGN NUMBER		256530	
CLASS		26-05	9
1)FLOS S.P.A., AN ITALIAN COM VIA A. FAINI, 2, I-25073 BOVEZZ			
DATE OF REGISTRATION	1	7/09/2013	
TITLE	SUSPENSION LAMP		h
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
BS2013O000008	22/03/2013 ITALY		1
		•	6

DESIGN NUMBER	256573
CLASS	13-03

1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS

7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN

DA	TE OF REGISTRATION	18/09/2013
TIT	TLE	PROGRAMMABLE CONTROLLER



PRIORITY NA

DESIGN NUMBER	256323
CLASS	29-02

1)MAVIG GMBH, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF THE ADDRESS

STAHLGRUBERRING 5, 81829 MÜNCHEN, GERMANY

DATE OF REGISTRATION	09/09/2013
TITLE	DEVICE FOR PROTECTION AGAINST X- RAYS



ı	I MIUMII I		
	PRIORITY NUMBER	DATE	COUNTRY
	002201202-0001	12/03/2013	EUROPEAN UNION



002201202-0001	12/03/2013	EUROFEAN UNION	
DESIGN NUMBER		254924	
CLASS		09-01	

1)JAGATJIT INDUSTRIES LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, INDIAN COMPANY,

P.O. JAGATJIT NAGAR-144802, DISTRICT-KAPURTHALA, PUNJAB

DATE OF REGISTRATION	02/07/2013
TITLE	BOTTLE



DESIGN NUMBER		255324	
CLASS		07-06	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, No	PLACE OF BUSINESS	SAT	
DATE OF REGISTRATION	1	8/07/2013	
TITLE	SAI	LT CELLAR	
PRIORITY NA			
DESIGN NUMBER		255511	
CLASS		13-03	
1)SIEMENS AKTIENGESELLSO WITTELSBACHERPLATZ 2, 80 COMPANY		IANY, A GERMAN	
DATE OF REGISTRATION	26/07/2013		
TITLE	SWITCHING DEVICE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
EU 001359582	31/01/2013	OHIM	
DESIGN NUMBER		252222	
CLASS		07-99	
1)LA TERMOPLASTIC F.B.M. S OF THE ITALIAN REPUBLIC OF VIA DEL TORNAGO Z.I21010			N A A A A A A A A A A A A A A A A A A A
DATE OF REGISTRATION	0	8/03/2013	11/1
TITLE		OOKING UTENSILS AND PARATUS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002102491-0001	13/09/2012	OHIM	Print (1997)

DESIGN NUMBER	256454	
CLASS	07-01	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL I A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	16/09/2013	
TITLE	BOWL	Was Alle
PRIORITY NA		**
DESIGN NUMBER	256614	
CLASS	13-03	
ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN DATE OF REGISTRATION 19/09/2013 PROGRAMMABLE CONTROLLER FOR		
PRIORITY NA	PRODUCTION LINE IN A FACTORY	
DESIGN NUMBER	256200	
CLASS 15-99		_
148021, DISTT. SANGRUR (PUNJA	FIRM WHOSE PROPRIETOR IS:- HARJIT SINGH	
DATE OF REGISTRATION	E OF REGISTRATION 04/09/2013	
TITLE	COVER FOR WOOD ENGRAVING MACHINE	
PRIORITY NA		

15.99	DESIGN NUMBER		254899		
SE-811 8I SANDVIKEN, SWEDEN, A SWEDISH COMPANY DATE OF REGISTRATION O1/07/2013 TITLE CRUSHER PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY O01357495-0003 I5/01/2013 OHIM DESIGN NUMBER 255122 CLASS 24-03 I)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION I0/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 I0/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 I)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION I1/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY VEHICLE CAB	CLASS		15-99	Profits on	
PRIORITY PRIORITY NUMBER DATE COUNTRY 001357495-0003 15/01/2013 DESIGN NUMBER 255122 CLASS 24-03 1)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY DATE COUNTRY			ANY		
PRIORITY PRIORITY NUMBER DATE COUNTRY 001357495-0003 DESIGN NUMBER 255122 CLASS 24-03 DIBLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 DOBIGN NUMBER 255128 CLASS 12-08 DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY PRIORITY PRIORITY UNDER CLASS 11/07/2013 TITLE VEHICLE CAB PRIORITY	DATE OF REGISTRATION	01	/07/2013	A Contraction	
PRIORITY NUMBER 001357495-0003 15/01/2013 OHIM DESIGN NUMBER 255122 CLASS 13BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY PRIORITY PRIORITY OF 40508 GOTEBORG, SWEDEN DATE OF COUNTRY	TITLE	Cl	RUSHER		
DESIGN NUMBER 255122					
DESIGN NUMBER CLASS 1)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY	PRIORITY NUMBER	DATE	COUNTRY		
CLASS 1)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	001357495-0003	15/01/2013	OHIM		
CLASS 1)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY					
1)BLUE BELT TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	DESIGN NUMBER		255122		
EXISTING UNDER THE LAW OF USA, OF 2828 LIBERTY AVENUE, SUITE 100, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA DATE OF REGISTRATION 10/07/2013 TITLE KNEE IMPLANT PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	CLASS		24-03	ter 123.	
PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN 11/07/2013 DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	UNITED STATES OF AMERICA				
PRIORITY PRIORITY NUMBER DATE COUNTRY 29/441,893 10/01/2013 U.S.A. DESIGN NUMBER 255128 CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN 11/07/2013 DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY					
PRIORITY NUMBER DATE COUNTRY 10/01/2013 U.S.A. DESIGN NUMBER CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION TITLE VEHICLE CAB PRIORITY PRIORITY PRIORITY NUMBER DATE COUNTRY		KINL	L IVII LANI		
29/441,893 10/01/2013 U.S.A.	I r	DATE	COLINTRY		
DESIGN NUMBER CLASS 12-08 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY					
CLASS 1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	29/441,093	10/01/2013	U.S.A.		
1)VOLVO TRUCK CORPORATION, OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	DESIGN NUMBER		255128		
OF 40508 GOTEBORG, SWEDEN DATE OF REGISTRATION 11/07/2013 TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY	CLASS		12-08		
TITLE VEHICLE CAB PRIORITY PRIORITY NUMBER DATE COUNTRY					
PRIORITY PRIORITY NUMBER DATE COUNTRY	DATE OF REGISTRATION	11	/07/2013		
PRIORITY NUMBER DATE COUNTRY	TITLE	VEH	IICLE CAB		
PRIORITY NUMBER DATE COUNTRY	PRIORITY				
002179119-0001 06/02/2013 OHIM		DATE	COUNTRY	A T	
	002179119-0001	06/02/2013	OHIM	av	

CT A GG	
CLASS 18-02	
1)SATISH BAJWA AN INDIAN NATIONAL, WHOSE ADDRESS IS A-242, SARITA VIHAR, NEW DELHI-110076, INDIA	
DATE OF REGISTRATION 11/09/2013	
TITLE OFFSET PRINTING MACHINE	



PRIORITY NA

DESIGN NUMBER	255710
CLASS	21-01

1)PRABHAT TELECOMS (INDIA) LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT

402, WESTERN EDGE I, KANAKIA SPACES, WESTERN EXPRESS HIGHWAY, BORIVALI (EAST), MUMBAI, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	07/08/2013
TITLE	TOY TABLET COMPUTER
PRIORITY NA	



DESIGN NUMBER	255376
CLASS	12-15

1)SUMITOMO RUBBER INDUSTRIES, LTD. A COMPANY ORGANIZED UNDER THE LAWS OF JAPAN OF THE ADDRESS:

6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072, JAPAN

DATE OF REGISTRATION	23/07/2013
TITLE	TIRE FOR MOTORCYCLE



PRIORITY NUMBER	DATE	COUNTRY
2013-003144	18/02/2013	JAPAN



DESIGN NUMBER		256480	
CLASS		11-02	V).
1)MA DESIGN INDIA PRIV INDIA HAVING ITS PRINCII A-41, SECTOR-80, PHASE-	PAL PLACE OF B		
DATE OF REGISTRATION		16/09/2013	
TITLE		DECORATIVE ARTICLE	
PRIORITY NA			
DESIGN NUMBER		256574	
CLASS		13-03	0
MANUFACTURERS AND ME 7-3, MARUNOUCHI 2-CHO DATE OF REGISTRATION TITLE PRIORITY NA	ME, CHIYODA-KU	J, TOKYO 100-8310, JAPAN 18/09/2013 AMMABLE CONTROLLER FOR DUCTION LINE IN A FACTORY	
DESIGN NUMBER		256324	
CLASS		29-02	Ø
1)MAVIG GMBH, A COMPA LAWS OF GERMANY, OF TH STAHLGRUBERRING 5, 81	HE ADDRESS	O AND EXISTING UNDER THE SERMANY	-
DATE OF REGISTRATION		09/09/2013	
TITLE	DEVICE FO	OR PROTECTION AGAINST X-RAY	YS
PRIORITY			4
PRIORITY NUMBER	DATE	COUNTRY	
002201202-0004	12/03/2013	EUROPEAN UNION	

DESIGN NUMBER		255718	
CLASS		09-07	
1)GREIF INTERNATIONAL HO BERGSEWEG 6, VREELAND 3			
DATE OF REGISTRATION	30	3/08/2013	
TITLE	PRESS-IN INSE	RT FOR A CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/446,450	23/02/2013	U.S.A.	_
DESIGN NUMBER		255820	
CLASS		26-06	
1)HONDA MOTOR CO., LTD., A OF 1-1, MINAMI-AOYAMA 2-0			
DATE OF REGISTRATION	14	1/08/2013	6 9
TITLE	TAIL LAMP I	FOR MOTORCYCLE	
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	
2013-003550	21/02/2013	JAPAN	
DESIGN NUMBER		255325	
CLASS		07-03	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUSINESS	AT	
DATE OF REGISTRATION	18	3/07/2013	
TITLE	SPOON	V (FOR SALT)	Na .
PRIORITY NA			

DESIGN NUMBER		254620	
CLASS		12-16	
1)TATA MOTORS LIMITED, A BOMBAY HOUSE, 24 HOMI M 400001, INDIA			CAP
DATE OF REGISTRATION	2	0/06/2013	200
TITLE	FRAME OF FR	ONT ROW OF A CAR	
PRIORITY NA			
DESIGN NUMBER		256811	
CLASS		12-16	1
1)HERO MOTOCORP LIMITEI INDIAN COMPANIES ACT, HAV 34, COMMUNITY CENTRE, BA	ING ITS OFFICE AT		10-013
DATE OF REGISTRATION	2	6/09/2013	
TITLE	MO	TORCYCLE	The Party of the P
PRIORITY NA			
DESIGN NUMBER		255130	
CLASS		12-08	
CLASS 1)VOLVO TRUCK CORPORAT OF 40508 GOTEBORG, SWEDE			
1)VOLVO TRUCK CORPORAT	EN		
1)VOLVO TRUCK CORPORAT OF 40508 GOTEBORG, SWEDE	1 1	12-08	
1)VOLVO TRUCK CORPORAT OF 40508 GOTEBORG, SWEDE DATE OF REGISTRATION	1 1	12-08	
1)VOLVO TRUCK CORPORAT OF 40508 GOTEBORG, SWEDE DATE OF REGISTRATION TITLE	1 1	12-08	

DESIGN NUMBER	252370
CLASS	11-02

1)QUIZCAMP-FABRICO E COMéRCIO DE PRODUTOS ALIMENTARES, S.A., A PORTUGUESS COMPANY, OF

RUA MEM RODRIGUES, 4A, 1400-249 LISBOA, PORTUGAL

DATE OF REGISTRATION	15/03/2013
TITLE	CORNER FLOWER POT - CONTAINER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002104422	17/09/2012	EUROPEAN UNION

DESIGN NUMBER	256478
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	16/09/2013
TITLE	DECORATIVE ARTICLE



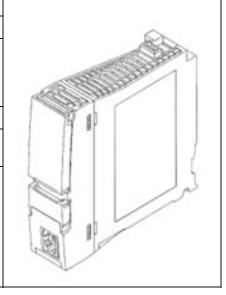
PRIORITY NA

DESIGN NUMBER	256572	
CLASS	13-03	

1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS

7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN

DATE OF REGISTRATION	18/09/2013	
TITLE	PROGRAMMABLE CONTROLLER FOR PRODUCTION LINE IN A FACTORY	



DESIGN NUMBER		253495		
CLASS	12-15			
1)BRIDGESTONE CORPORATIO AND EXISTING UNDER THE LAW MERCHANTS, OF 10-1, KYOBASHI 1-CHOME, CHU				
DATE OF REGISTRATION		29/04/2013	100	
TITLE		TIRE		
PRIORITY NA				
DESIGN NUMBER		256322		
CLASS	29-02			
1)MAVIG GMBH, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF THE ADDRESS STAHLGRUBERRING 5, 81829 MÜNCHEN, GERMANY				
DATE OF REGISTRATION	09/09/2013			
TITLE	DEVICE FOR PROTECTION AGAINST X-RAYS			
PRIORITY				
PRIORITY NUMBER D	ATE	COUNTRY		
002201202-0002	2/03/2013	EUROPEAN UNION		
DESIGN NUMBER	255271			
CLASS	02-06			
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN			2	
DATE OF REGISTRATION	16/07/2013		C	
TITLE	CAR WASHING GLOVE			
PRIORITY NA				

DESIGN NUMBER		256420	
CLASS		19-99	
1)MAHESH PARSANA, INDIAN OF 402 SUKEN APARTMENT, I GUJARAT, INDIA		MAIN ROAD, RAJKOT360005,	Isself is the second of the se
DATE OF REGISTRATION		13/09/2013	44
TITLE		CLIP	
PRIORITY NA			***
DESIGN NUMBER		256485	
CLASS		11-02	0
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUS	SINESS AT	
DATE OF REGISTRATION		16/09/2013	
TITLE	ECORATIVE ARTICLE		
PRIORITY NA			
DESIGN NUMBER		256624	
CLASS	LASS 15-02		
1)GOODWIN INTERNATIONAL IVY HOUSE FOUNDRY, HANL KINGDOM; NATIONALITY: UNIT	EY STOKE-ON-		
DATE OF REGISTRATION	ATE OF REGISTRATION 19/09/2013		
TITLE	ITLE PUMP		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
EP001379309-001	26/07/2013	EUROPEAN UNION	

DESIGN NUMBER		254258	
CLASS	23-04		
1)SRI GOWTHAMI ENTERPRISE 8-3-31 HASTINAPURAM, NORTH HYDERABAD-79 WHOSE PROPRIET BY NATIONALITY	EXTN., SAGAR ROA		N
DATE OF REGISTRATION	04	4/06/2013	
TITLE	AIF	R COOLER	
PRIORITY NA			<u>immemi</u>
DESIGN NUMBER		256382	
CLASS		24-02	
1)OMRON HEALTHCARE CO., L EXISTING UNDER THE LAWS OF OF 53, KUNOTSUBO, TERADO-C	JAPAN,		
DATE OF REGISTRATION	11/09/2013		
TITLE	SPHYGMOMANOMETER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-005983	18/03/2013	JAPAN	
DESIGN NUMBER		245569	
CLASS		09-01	(10)
1)KAHLUA AG., A SWISS COMPA C/O TESTATORIS AG, TOPFERS		ERNE, SWITZERLAND	
DATE OF REGISTRATION	25	5/05/2012	
TITLE	I	BOTTLE	
PRIORITY NA			

DESIGN NUMBER	256482
CLASS	11-02
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	16/09/2013	
TITLE	DECORATIVE ARTICLE	



PRIORITY NA

DESIGN NUMBER	249397
CLASS	24-04

1)NOURI E. HAKIM A CITIZEN OF UNITED STATES OF AMERICA OF THE ADDRESS:

3030 AURORA AVENUE, MONROE, LA-71201, UNITED STATES OF AMERICA

DATE OF REGISTRATION	09/11/2012	
TITLE	PACIFIER FOR SOOTHING INFANTS	



PRIORITY NUMBER	DATE	COUNTRY
29/420,731	11/05/2012	U.S.A.



DESIGN NUMBER	254945	
CLASS	15-07	

1)BLUE STAR LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS

KASTURI BUILDINGS, MOHAN T. ADVANI CHOWK, JAMSHEDJI TATA ROAD, MUMBAI 400020

DATE OF REGISTRATION	02/07/2013	
TITLE	FREEZER	





DESIGN NUMBER		254044	
CLASS		07-02	
1)SH. SURENDER SINGH (INI M/S BHUPINDER SINGH & SOI REGISTERED ADDRESS AT PLOT NO. 24, STREET NO03 SAHIBABAD, GHAZIABAD, UTT	NS (PROPRIETO 3, RAJENDER NA	,	18'
DATE OF REGISTRATION		23/05/2013	, C. A.
TITLE		COOKING PLATE	
PRIORITY NA			
DESIGN NUMBER		256422	
CLASS		12-16	120
1)HERO MOTOCORP LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057			1000
DATE OF REGISTRATION 13/09/2013			
TITLE		TAIL LIGHT	
PRIORITY NA			
DESIGN NUMBER		256625	
CLASS		15-02	
1)GOODWIN INTERNATION. IVY HOUSE FOUNDRY, HAN KINGDOM; NATIONALITY: UNI	ILEY STOKE-ON	I-TRENT, ST1 3NR, UNITED	
DATE OF REGISTRATION 19/09/2013			
TITLE PUMP			
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
EP001379309-002	26/07/2013	EUROPEAN UNION	

DESIGN NUMBER		255544	
CLASS		31-00	. 13
1)THE COCA-COLA COMPAN' EXISTING UNDER THE LAWS O OFFICE AT ONE COCA-COLA PLAZA NW	OF THE STATE OF DE	LAWARE HAVING AN	
DATE OF REGISTRATION	3	1/07/2013	
TITLE	BEVERA	AGE DISPENSER	
PRIORITY			10
PRIORITY NUMBER	DATE	COUNTRY	8
29/444,697	01/02/2013	U.S.A.	
DESIGN NUMBER		253515	
CLASS		19-06	
F-18, MIDC, SATPUR, NASHIK DATE OF REGISTRATION TITLE	· · ·	PEN	
PRIORITY NA			
PRIORITY NA DESIGN NUMBER		256756	
		256756 28-03	
DESIGN NUMBER	NGDOM OF THE NETH ESS IS HIGH TECH CAN	28-03 NIZED AND EXISTING HERLANDS, RESIDING A	
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V. UNDER THE LAWS OF THE KIN EINDHOVEN, WHOSE POST-OFFICE ADDRE	NGDOM OF THE NETH ESS IS HIGH TECH CAN DS	28-03 NIZED AND EXISTING HERLANDS, RESIDING A	
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V. UNDER THE LAWS OF THE KIN EINDHOVEN, WHOSE POST-OFFICE ADDRE EINDHOVEN, THE NETHERLAND	ESS IS HIGH TECH CAN OS	28-03 NIZED AND EXISTING HERLANDS, RESIDING A MPUS 5, 5656 AE	
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V. UNDER THE LAWS OF THE KIN EINDHOVEN, WHOSE POST-OFFICE ADDRE EINDHOVEN, THE NETHERLAND DATE OF REGISTRATION	ESS IS HIGH TECH CAN OS	28-03 NIZED AND EXISTING HERLANDS, RESIDING A' MPUS 5, 5656 AE 25/09/2013	
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V. UNDER THE LAWS OF THE KIN EINDHOVEN, WHOSE POST-OFFICE ADDRE EINDHOVEN, THE NETHERLAND DATE OF REGISTRATION TITLE	ESS IS HIGH TECH CAN OS	28-03 NIZED AND EXISTING HERLANDS, RESIDING A' MPUS 5, 5656 AE 25/09/2013	

DESIGN NUMBER	253207	
CLASS	13-03	
ADDRESS:	WA DENKI A JAPANESE COMPANY OF THE HATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA	
DATE OF REGISTRATION	17/04/2013	
TITLE	ROBOT CONTROLLER	
PRIORITY NA		3
DESIGN NUMBER	256487	
CLASS	11-02	and and
I)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION		
TITLE	DECORATIVE ARTICLE	
PRIORITY NA	,	
DESIGN NUMBER	256545	
CLASS	06-02	
1)GODREJ & BOYCE MFG. CO. INCORPORATED UNDER THE CO. OF GODREJ INTERIO, PLANT 4, MUMBAI-400079, INDIA		
DATE OF REGISTRATION	17/09/2013	
TITLE	BED	
PRIORITY NA		

DESIGN NUMBER		255545	
CLASS	31-00		
1)THE COCA-COLA COMPAN EXISTING UNDER THE LAWS O OFFICE AT ONE COCA-COLA PLAZA NW	OF THE STATE OF	DELAWARE HAVIN	
DATE OF REGISTRATION		31/07/2013	
TITLE	BEVI	ERAGE DISPENSER	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/444,699	01/02/2013	U.S.A.	
DESIGN NUMBER		252014	
CLASS		26-06	
1)KONINKLIJKE PHILIPS ELI ORGANIZED AND EXISTING UI THE NETHERLANDS, RESIDING	NDER THE LAWS (G AT	OF THE KINGDOM (
ORGANIZED AND EXISTING UITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-C 5656 AE EINDHOVEN, THE NETH DATE OF REGISTRATION	NDER THE LAWS (G AT DFFICE ADDRESS IS HERLANDS	S HIGH TECH CAMPU	
ORGANIZED AND EXISTING UNITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-C 5656 AE EINDHOVEN, THE NETH	NDER THE LAWS (G AT DFFICE ADDRESS IS HERLANDS	OF THE KINGDOM (S HIGH TECH CAMPU	
ORGANIZED AND EXISTING UITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-C 5656 AE EINDHOVEN, THE NETH DATE OF REGISTRATION	NDER THE LAWS (G AT DFFICE ADDRESS IS HERLANDS	S HIGH TECH CAMPU	
ORGANIZED AND EXISTING UITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-C 5656 AE EINDHOVEN, THE NETH DATE OF REGISTRATION TITLE	NDER THE LAWS (G AT DFFICE ADDRESS IS HERLANDS	S HIGH TECH CAMPU	
ORGANIZED AND EXISTING UP THE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-CE 5656 AE EINDHOVEN, THE NETH DATE OF REGISTRATION TITLE PRIORITY	NDER THE LAWS (G AT DEFICE ADDRESS IS HERLANDS 04 LE	OF THE KINGDOM OF THE	
ORGANIZED AND EXISTING UNTHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-COSTS ARE EINDHOVEN, THE NETHER DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002096925-0001	NDER THE LAWS (G AT DEFICE ADDRESS IS HERLANDS 04 LE DATE	COUNTRY OHIM	
ORGANIZED AND EXISTING UITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-CE 5656 AE EINDHOVEN, THE NETHER DATE OF REGISTRATION TITLE PRIORITY PRIORITY PRIORITY NUMBER 002096925-0001 DESIGN NUMBER	NDER THE LAWS (G AT DEFICE ADDRESS IS HERLANDS 04 LE DATE	COUNTRY OHIM 254974	
ORGANIZED AND EXISTING UNTHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-COSTS AE EINDHOVEN, THE NETHER DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002096925-0001 DESIGN NUMBER CLASS 1)SAMSUNG ELECTRONICS COSTS AMSUNG-RO, YEONGTO	DATE O4/09/2012 OO., LTD. ONG-GU, SUWON-S	COUNTRY OHIM 254974 14-03 1, GYEONGGI-DO, 44	US 5,
ORGANIZED AND EXISTING UITHE NETHERLANDS, RESIDING EINDHOVEN, WHOSE POST-COSTS AE EINDHOVEN, THE NETHER DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002096925-0001 DESIGN NUMBER CLASS 1)SAMSUNG ELECTRONICS COMMERCED TO THE NETHER DATE OF REGISTRATION TITLE	DATE O4/09/2012 OO., LTD. ONG-GU, SUWON-S	COUNTRY OHIM 254974 14-03 1, GYEONGGI-DO, 44	US 5,

REPUBLIC OF KOREA

COUNTRY

DATE 04/01/2013

PRIORITY

PRIORITY NUMBER

30-2013-0000636

DESIGN NUMBER		256809	
CLASS		12-16	
1)HERO MOTOCORP LIMITED, COMPANIES ACT, HAVING ITS O 34, COMMUNITY CENTRE, BAS.	FFICE AT		
DATE OF REGISTRATION	20	5/09/2013	
TITLE	FAIRING FOR A T	WO WHEELED VEHICLE	
PRIORITY NA			
DESIGN NUMBER		255129	
CLASS		21-01	
1)VOLVO TRUCK CORPORATION OF 40508 GOTEBORG, SWEDEN	N,		
DATE OF REGISTRATION	11	1/07/2013	
TITLE	TO	Y TRUCK	
PRIORITY			- R
PRIORITY NUMBER	DATE	COUNTRY	
002179119-0001	06/02/2013	OHIM	B
DESIGN NUMBER	SIGN NUMBER 256477		
CLASS		11-02	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS	AT	STANK OF THE STANK
DATE OF REGISTRATION	16/09/2013		
TITLE	DECORATIVE ARTICLE		- LAMBORINA
PRIORITY NA			

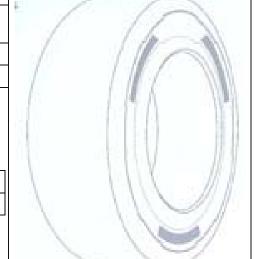
DESIGN NUMBER		256571	
CLASS		13-03	
1)MITSUBISHI ELECTRIC CO. ORGANIZED AND EXISTING UN MANUFACTURERS AND MERC 7-3, MARUNOUCHI 2-CHOME			
DATE OF REGISTRATION		18/09/2013	
TITLE		AMMABLE CONTROLLER FOR OUCTION LINE IN A FACTORY	
PRIORITY NA			
DESIGN NUMBER		256321	
CLASS		29-02	
1)MAVIG GMBH, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF THE ADDRESS STAHLGRUBERRING 5, 81829 MÜNCHEN, GERMANY			
DATE OF REGISTRATION		09/09/2013	
TITLE	DEVICE FO	OR PROTECTION AGAINST X-RAYS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002201202-0003	12/03/2013	EUROPEAN UNION	
DESIGN NUMBER		254914	
CLASS		23-04	
1)BRY-AIR (ASIA) PVT LTD, 20 RAJPUR ROAD, DELHI 1100	Print women		
DATE OF REGISTRATION 02/07/2013			
TITLE DATA CENTRE AIR PURIFIER		트	
PRIORITY NA			

DESIGN NUMBER		255378	
CLASS		12-15	
1)SUMITOMO RUBBER INDUSTI THE LAWS OF JAPAN OF THE AD 6-9, WAKINOHAMA-CHO 3-CHO JAPAN	DRESS:	ANY ORGANIZED UNDER	
DATE OF REGISTRATION	2.	3/07/2013	
TITLE	TIRE FOR	R MOTORCYCLE	EW
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-003143	18/02/2013	JAPAN	
DESIGN NUMBER		252077	
CLASS		26-03	
1)PROMPTEC RENEWABLE ENE INCORPORATED UNDER INDIAN REGISTERED OFFICE: SHIBRA FARMS, NAGASANDRA BANGALORE-560073 KARNATAKA	COMPANIES ACT, MAIN ROAD, 8TH N	1956 HAVING ITS	
DATE OF REGISTRATION	05/03/2013		
TITLE	PUBLIC LIGHTING FIXTURE		
PRIORITY NA			
DESIGN NUMBER		255754	
CLASS	12-05		
1)M/S ESCORTS LTD., (A COMPA COMPANIES ACT, 1956), 15/5, MATHURA ROAD, FARIDA			
DATE OF REGISTRATION	1:	2/08/2013	
TITLE		CRANE	
PRIORITY NA			3

DESIGN NUMBER	255995	
CLASS	12-15	
1)CONTINENTAL REIFEN DEUTSCHLAND GMBH		

VAHRENWALDER STR. 9, 30165 HANNOVER, GERMANY

DATE OF REGISTRATION	23/08/2013 TYRE TREAD	
TITLE		



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002212241 - 0001	02/04/2013	OHIM

DESIGN NUMBER	254317	
CLASS	12-16	

1) RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE,

OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE

DATE OF REGISTRATION	06/06/2013	
TITLE	DECORATIVE FITTING FOR VEHICLE	



PRIORITY NA

DESIGN NUMBER	253291
CLASS	03-01

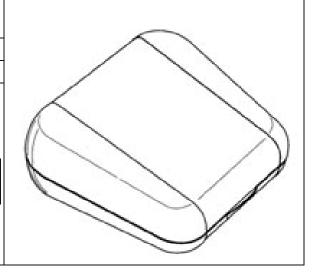
1)GLAXO GROUP LIMITED OF THE ADDRESS

980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TX8 9GS, UNITED KINGDOM

DATE OF REGISTRATION	22/04/2013		
TITLE	CASE FOR AN INHALER		



PRIORITY NUMBER	DATE	COUNTRY	
GB 4027110	23/10/2012	U.K.	



DESIGN NUMBER		254818	
CLASS		12-05	1 .
1)ACTION CONSTRUCTION EC OF DHUDHOLLA LINK ROAD, 121102, INDIA, AN INDIAN COMP	VILLAGE DHUDHOLI	LA, PALWAL, HARYANA-	
DATE OF REGISTRATION	2	6/06/2013	
TITLE	SLEWING	MAST OF CRANE	
PRIORITY NA			
DESIGN NUMBER	255386		
CLASS		15-01	
1)HONDA MOTOR CO., LTD., A OF 1-1, MINAMI-AOYAMA 2-C			0=1
DATE OF REGISTRATION	2	4/07/2013	
TITLE	INTERNAL COMBUSTION ENGINE		F4. F. 60
PRIORITY			CON THE STATE OF T
PRIORITY NUMBER	DATE	COUNTRY	4000
2013-001414	25/01/2013	JAPAN	
DESIGN NUMBER		256394	
CLASS		03-01	
1)SAMSONITE IP HOLDING S.2 LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBERT	,		
DATE OF REGISTRATION	·	3/09/2013	
TITLE	LUGGAGE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/450,057	15/03/2013	U.S.A.	

DESIGN NUMBER		256012	
CLASS		10-04	
1)DANAHER (SHANGHAI) INDUSTECHNOLOGIES R&D CO., LTD., OF 4/F, NO. 6 BUILDING, LINHO SHANGHAI 200335, P.R. CHINA; NA	NG ROAD NO. 280, C	HANGNING DISTRICT,	
DATE OF REGISTRATION	23/08/2013		
TITLE	DIGITAL MULTIMETER		
PRIORITY			[0000///
PRIORITY NUMBER	DATE	COUNTRY	
201330263248.3	19/06/2013	CHINA	
DESIGN NUMBER		254860	
CLASS	26-03		
STADIUM ROAD, AHMEDABAD-38 DATE OF REGISTRATION TITLE PRIORITY NA	28	A) 8/06/2013 STREET LIGHT	
DEGLON MINDED	<u> </u>	255120	~
DESIGN NUMBER	255139 12-08		
1)VOLVO TRUCK CORPORATION OF 40508 GOTEBORG, SWEDEN			
DATE OF REGISTRATION	11/07/2013		
TITLE	VEHICLE CAB		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002179309-0001	06/02/2013	OHIM	
			

DECICAL MUMBED	256481	
DESIGN NUMBER		
CLASS	11-02	- 7
1)MA DESIGN INDIA PRIVATE LI INDIA HAVING ITS PRINCIPAL PL A-41, SECTOR-80, PHASE-II, NOID	The second secon	
DATE OF REGISTRATION	16/09/2013	
TITLE	DECORATIVE ARTICLE	
PRIORITY NA		
DESIGN NUMBER	254944	
CLASS	15-07	
COMPANIES ACT, 1956 WHOSE AD	ANY INCORPORATED UNDER THE DORESS IS . ADVANI CHOWK, JAMSHEDJI TATA ROAD,	
DATE OF REGISTRATION	02/07/2013	THE RESERVE OF THE PARTY OF THE
TITLE	FREEZER	tre
PRIORITY NA		
DESIGN NUMBER	254042	
CLASS	13-03	
1)M/S V-GUARD INDUSTRIES LTI UNDER THE COMPANIES ACT OF 33/2905 F, VENNALA HIGH SCHO KERALA STATE, INDIA		
DATE OF REGISTRATION	23/05/2013	
TITLE	STABILIZERS	

PRIORITY NA