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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

10TH JULY, 2015

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**THE PATENT OFFICE
KOLKATA, 10/07/2015**

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

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www.patentoffice.nic.in

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.

पेटेंट कार्यालय

कोलकाता, दिनांक 10/07/2015

• कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एंटीप हिल डाकघर के समीप, एस. एम. रोड, एंटीप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटीप हिल डाकघर के समीप, एस. एम. रोड, एंटीप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई. मेल: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: <http://www.ipindia.nic.in>

www.patentoffice.nic.in

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

शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.1158/MUM/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MEASUREMENT OF SEQUENCE COMPONENTS

(51) International classification	:H04L 29/06	(71) Name of Applicant : 1)Larsen & Toubro Limited Address of Applicant :L&T House, Ballard Estate, Mumbai - 400 001, Maharashtra, India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Vipin Kumar Mishra
Filing Date	:NA	2)Ravindra Barlingay
(87) 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 system (100) and a method (200) for measurement of all sequence components (zero, positive and negative). The system comprises of a three-phase input unit (10), a signal conditioning circuit (20), an analog to digital converter (ADC) (30), a phase shifter (40), a zero sequence component block (50), a positive sequence component block (60) and a negative sequence component block (70). The system (100) and the method (200) provide fast measurement of all sequence components. The system (100) provides sequence component measurement on signal basis. The method (200) is a detail flowchart to describe the measurement of sequence component measurement.

No. of Pages : 16 No. of Claims : 14

(54) Title of the invention : A GATE SYSTEM FOR REGULATING OUTFLOW FROM BARRAGES AND WEIRS

(51) International classification	:E02B	(71)Name of Applicant :
	8/08	1)GODBOLE PRASHANT PRABHAKAR
(31) Priority Document No	:NA	Address of Applicant :2/B, BUTY PLOTS, DHARAMPETH,
(32) Priority Date	:NA	NAGPUR - 440010 MAHARASHTRA STATE, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GODBOLE PRASHANT PRABHAKAR
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 gate system for regulating outflow from barrages and weirs, said gate system comprising: plurality of sets of anchor supports, each set 110 of said anchor supports having components projecting out in the opening 110d at one end and embedded in RCC piers 110a & 110b and spillway body wall 110c at other end; plurality of tiltable gate leaves, wherein each of said gate leaf 120 in an operative tilting configuration attains : ■ a closed position to prevent flow of water when upstream water level is below a first pre-determined level ■ a fully open position to permit full flow of water, when upstream water level is above a second pre-determined level; and ■ at least one partially open position to permit partial flow of water, when upstream water level ranges from the said first pre-determined level to said second pre-determined level; and is provided with a sealing arrangement 130, a pair of fulcrum assemblies 140a & 140b, at least a pair of friction brake systems, a pair of lever assemblies 160a and 160b, a pair of uni-directional locking systems 170a and 170b and a pair of emergency hydraulic actuating arrangement 190a and 190b, wherein the involute shaped first curved track plates of said gate leaf and involute shaped second curved track plates of said fulcrum assemblies enable proportional tilting of said tiltable gate leaf with rise in upstream water level above the said first predetermined level, the said pair of friction brake systems provides frictional resistance to the movement of the said tiltable gate leaf when it closes back under its own weight, the said pair of uni-directional locking systems is adapted to enable unidirectional tilting movement of said gate leaf from closed to partially open to fully open position, and is further adapted to allow tilting movement of the said gate leaf in reverse direction from full or partially open position to closed position by actuating a manual unlocking mechanism; and the said pair of emergency hydraulic actuating system is adapted to enable tilting movement of said tiltable gate leaf from closed to partially open position and further to fully open position when the upstream water level is lower than the first pre-determined level.

No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1183/MUM/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DISPLAY SYSTEM OF SWITCHGEAR DEVICE

(51) International classification	:H02J 1/10	(71)Name of Applicant : 1)Larsen & Toubro Limited
(31) Priority Document No	:NA	Address of Applicant :L&T House, Ballard Estate, Mumbai -
(32) Priority Date	:NA	400 001, Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Sanjay Vaman Sarang
Filing Date	:NA	2)Ravindra Barlingay
(87) 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 display system (50) of a switchgear device (100) for flashing alarm indication. The display system (50) is located on the control unit (80) of the switchgear device (100) for displaying a status of the switchgear device (100) in real time. The display system (50) comprises of an alarm displaying region (10) configured thereon for displaying a flashing alarm indication. When any alarm happens on a protection relay unit of the switchgear device (100), the alarm displaying region (10) displays a flashing alarm indication. The alarm displaying region (10) provides a visual indication and a clear notification for the alarm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2338/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANDRO-ELECTRONIC BRACELET FOR SECURITY AND DIRECTION SENSING FOR VISUALLY IMPAIRED PEOPLE WITH REDUCED COST AND INCREASED PRECISION

(51) International classification	:H05B 37/02	(71)Name of Applicant : 1)MR.OMKAR SANJAY DAVATE
(31) Priority Document No	:NA	Address of Applicant :INTERNATIONAL INSTITUTE OF
(32) Priority Date	:NA	INFORMATION TECHNOLOGY, HINJEWADI RAJIV
(33) Name of priority country	:NA	GANDHI INFOTECH PARK, HINJAWADI, PUNE, . 411 057
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. VIJAY NARENDRANATH PATIL
(61) Patent of Addition to Application Number	:NA	2)MR.OMKAR SANJAY DAVATE.
Filing Date	:NA	3)MR.UTKARSH SHANTARAM JOSHI
(62) Divisional to Application Number	:NA	4)MR.NINAD LAXMAN SHINDE
Filing Date	:NA	

(57) Abstract :

The invented system deals with the Infra-red sensor based Obstacle detection system for visually impaired People. The system aims at increasing the Mobility of visually impaired people by offering new and Low cost gadget with increased precision which can assist them when any obstacle comes in their path. By voice alert, respected blind person will come to know that from where the obstacle is approaching and using GPS service security gets increased. Here the obstacle detecting bracelet will detect obstacles with the help of sensors (IR) and it will give vibration alert by motor, voice alert (as commands) on android mobile for appropriate obstacle detection, location of visually impaired person by sending sms to registered mobile and will give more safety to respective visually impaired person comparatively white cane .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.289/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLANGE LOCKING SYSTEM

(51) International classification	:B62D 1/184	(71)Name of Applicant : 1)Dinesh Patidar
(31) Priority Document No	:NA	Address of Applicant :Shakti Pumps (I) Limited, Plot
(32) Priority Date	:NA	No.401,Sector No. 3,Pithampur Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dinesh Patidar
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This collet based Flange Locking System allows the easy functionality of Flange mounting & inter-changeability of the flange as per different standards. Collet have cylindrical inner surface & conical outer surface, Collet squeezed over the pipe by means of flange having conical inner surface. Flange inner surface & collet outer surface have same taper angle to get maximum surface contact. Mounting of the flange on collet contract it to slightly smaller diameter, contraction of collet over the pipe exerts a strong clamping force on pipe & restricts the movement of flange & collet over the pipe.

No. of Pages : 7 No. of Claims : 3

(54) Title of the invention : A NOVEL TECHNIQUE FOR ASSESSMENT OF FETAL AUTONOMIC NERVOUS SYSTEM ACTIVITY FROM DOPPLER ULTRASOUND SIGNAL

(51) International classification :A61B5/0444, A61B5/024
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DR. MANOJ SAKHARAM SANKHE

Address of Applicant :SVKM'S NMIMS, MUKESH PATEL
 SCHOOL OF TECHNOLOGY MANAGEMENT &
 ENGINEERING, BHAKTI VEDANTA SWAMI MARG,
 J.V.P.D., VILE PARLE (W), MUMBAI-400056,
 MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)DR. MANOJ SAKHARAM SANKHE

2)DR. KAMALAKAR DINKAR DESAI

3)SATISH JADHAV

(57) Abstract :

An apparatus and method of an abdominal beat-to-beat fetal heart rate (FHR) signal registration with Doppler ultrasound technique is provided. Fetal heart rate signals are recorded with ultrasound transducer which continuously emits 2 MHz ultrasound wave of a very low power 1.5 mw/ cm². The wave reflected from moving parts of fetal heart (walls or valves) returns to the transducer, which has receiving elements. Frequency shift between emitted and reflected waves is caused by the Doppler effect and provides information on the speed of moving object on which the ultrasound beam is focused. Doppler ultrasound transducer is held on patient abdomen in the direction such that ultrasound waves emitted will pass the fetal heart movement. The reflected waves from moving fetal heart rate are received by receiving element in the transducer. This signal is fed to the RF amplifier (2 MHz) and FM demodulator to detect the movement of the fetal heart. Demodulated detected waveform has definite events relating to contraction and relaxations of fetal heart. Each event is a combination of different frequency components relating to motion of fetal heart and angle of incidence of the ultrasound wave on it. This signal is then passed through envelope filter (Band Pass Filter 22 Hz) with centre frequency of 22 Hz which results in generating two simple peaks per cardiac events. This signal is then passed through a variable threshold detector where threshold is kept at half the peak value of incoming signal. Two separately detected pulses then pass through a non retriggerable monostable multivibrator for avoiding double triggering of a single cardiac event. The adjustable pulse width for this monostable multivibrator is 50 ms to 200 ms giving fetal heart rate range up to 300 BPM. At the same time, Doppler signal related to heart movements and contained in the audio frequency range (from 0.2 to 1 kHz) is fed to the speaker, which helps in correct positioning of transducer on maternal abdomen. The maternal and per abdomen ECG is also monitored during the process for separate filtering and evaluation studies. This output is given to signal conditioning board to personal computer USB port for HRV analysis. The received data is then processed for estimation of distribution parameters and diagnostic index calculation, describing activity of sympathetic and parasympathetic nervous systems of fetus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/MUM/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DESIGN AND ASSEMBLY OF ELECTRIC HYBRID CONVERSION SYSTEM FOR SCOOTER

(51) International classification	:B62B 3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEXTGEN TECH INITIATIVES PVT LTD
(32) Priority Date	:NA	Address of Applicant :PLOT A-27, ROAD NO. 10, WAGLE
(33) Name of priority country	:NA	INDUSTRIAL ESTATE, MIDC, BEHIND OLD PASSPORT
(86) International Application No	:NA	OFFICE, THANE (W) 400 604, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROHIT ARVIND GODKAR
(61) Patent of Addition to Application Number	:NA	2)SHARAD RAJARAM GODKAR
Filing Date	:NA	3)MEHUL SATISH NACHANE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The presented invention deals with the conversion of a petrol run scooter in to a plug-in hybrid electric scooter. Such a scooter would have two sets of powertrain A.) Existing 2 or 4 stroke IC engine which uses petrol as fuel B.) Electric motor which is operated by battery power The powertrain configuration for this hybrid scooter would be - 1.) Electric BLDC Hub motor mounted in the front wheel and providing a direct drive to the front wheel 2.) IC engine in its existing layout driving the rear wheel through a continuously variable transmission The range of the scooter is improved as a result of the mile extender feature of the invention by 90% (per litre per charge basis) on the city test route selected for the test vehicle. Above all there is substantial environmental benefit as the fuel consumed per kilometer of riding the scooter reduces significantly thereby reducing the CO₂ emissions. The vehicle can also be run in an absolute zero-pollution mode when it is being driven purely on battery power by the electric motor thereby reducing the pollution in congested cities and in residential areas. The design of the auxiliary powertrain system of electric motor is such that it gets installed on the scooter with minimum modifications to the frame and body of the existing scooter. This invention helps to convert the existing scooter into low emissions, fuel saving vehicle and hence - i. It increases the life expectancy of the existing vehicle, ii. Provides a cost-effective solution to improve the vehicular emissions from vehicles that are already on the road and thus making them compliant for stricter emission norms, iii. Helps in conserving the usage of petrol thereby helping in reducing the import bills of fuel for the nation The performance specifications of such PHEV will improve with further advancements in technology of electric powertrain components such as battery, motor, controller, BMS, etc.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2730/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/05/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING STATE OF FOOD

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JOY BANERJEE

2)BABURAJ KAIMALILPUTHENPURA PRABHA

(57) Abstract :

The present disclosure relates to a method and a system for monitoring state of food. In one embodiment, the method received data related to parameters associated with food storage conditions including temperature, humidity, defrost duration and defrost stop temperature and determines deviation of the food storage conditions based on the received data. Further, the method determines deviation in temperature and duration period of deviation and notifies a user if the duration period where the food is in danger zone exceeds a predetermined critical threshold duration period. Further, the deviation of defrost duration and humidity is also determined and notified to the user accordingly so that the user may reduce the duration of opening the door of cold-room, and frequency of such opening. Thus, the present disclosure periodically determines the deviation in critical conditions and enables the user to control the operations of the food storage conditions avoiding food wastage.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PERFORMING REAL-TIME IMAGE VECTORIZATION

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TOMSON GANAPATHIPLACKAL GEORGE

2)SUDHEESH JOSEPH

(57) Abstract :

Systems and methods for performing real-time image vectorization are disclosed. In one embodiment, the method comprises receiving a vectorized base image. The method further comprises displaying the vectorized base image on a display screen of the camera. The method further comprises obtaining a user feedback on the vectorized base image from a user. The user feedback comprises user selection of at least one non-vectorized subsection in the vectorized base image. The method further comprises receiving a subsection image, from the camera, comprising the at least one non-vectorized subsection selected based on the user feedback. The further comprises performing vectorization on the subsection image to obtain vectorized subsections. The method further comprises overlaying the vectorized subsections on the at least one non-vectorized subsection of the vectorized base image. The method further comprises merging the vectorized base image with the vectorized subsections to obtain an output vectorized image.

No. of Pages : 30 No. of Claims : 13

(54) Title of the invention : A REMOTE CONTROLLED MULTI CROP SEED PLANTING MACHINE

(51) International classification	:A01C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)N.SUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, THIAGARAJAR COLLEGE OF
(86) International Application No	:NA	ENGINEERING, MADURAI - 625 015, Tamil Nadu India
Filing Date	:NA	2)B.THIRUCHITRAMBALAM
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)S.MURALIDHARAN
Filing Date	:NA	2)S.R.VINAIYAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In agriculture and agro related technologies India is a prominent contributor to such evolutions. Plough based conventional production is associated with multiple challenges that include shortage of water, labour and escalating cost of production. In many parts of Asia water, labour scarcity and timeliness of farming operation are becoming the major concerns for farming community of 21st century. Since this problem can be overcome by emerging technologies and sophisticated equipment like harvesting machine, multi crop seed planter, sugarcane planter, etc. But in most Asian countries, where population and economic growth are outburst, scarcity of agricultural labour, income gap between cities and villages are becoming major issues. In Asia multi crop seed planting machine are available for different seed planting application. This machine will be mostly suitable for large land areas. In order to utilize this machine here dependability of tractor is a must. So nucleus farm families cannot afford to buy this machine. And also not applicable for fragmented and small land hold farmers. Here this invention aims to reduce tractor related expenses and make a planting machine suitable for small land areas. This system consist of two motors for motion of vehicle, which is connected to the front wheels. A conical tray is fixed over the chassis containing the seed, fertilizer or manure. Inside the seed tray screw conveyor is placed and it is run with help of motor. The purpose of screw conveyor is to mix the seed and fertilizer and feed to the hose. Seeds are directed to furrows through hoses. Furrows will have a narrow path to plant the seeds to the soil. The same furrows can also be used as a plough tool. This vehicle is operated by remote controller with the help of radio frequency sensor and the supplies for the corresponding motors are functioned through a battery. Hence this invention will be useful for small land hold farmers and also this machine is suitable for different applications like planting of a variety of seeds, gardening, apartments, schools, etc. this helps to optimize labour work and cost related issues for farmers. Hence this system is a battery operated, it is ecofriendly to environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :11/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVING TESTING SERVICES IN A PROJECT TESTING ENVIRONMENT

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)VENKATA SUBRAMANIAN JAYARAMAN

2)JOJI VARGHESE

3)MADHUSUDHANA RAO VUNDAVALLI

4)DEVDATTA BENDRIKAR

5)SATISHCHANDRA CHANNAREDDY

(57) Abstract :

The present disclosure relates to a method and system for improving testing services in a project testing environment. In an embodiment, the method comprises receiving input data of one or more requirements of a project from a user device. Based on the input data, the number of work units is determined. The work units are associated with the cost value. The work units are determined for each phase of the project testing. During execution of each phase of project testing there is variation in the number of work units. The information associated with the variation in the number of work units is provided to a user device. Fig.1b

No. of Pages : 30 No. of Claims : 13

(54) Title of the invention : DEVELOPMENT OF ALGORITHMS FOR CONTENT BASED IMAGE RETRIVAL

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.PVN REDDY, M.TECH.,PH.D
(32) Priority Date	:NA	Address of Applicant :PROESSOR, DEPT. OF
(33) Name of priority country	:NA	ELECTRONICS AND COMMUNICATION ENGINEERING SV
(86) International Application No	:NA	COLLEGE OF ENGINEERING (SVCE) KARAKAMBADI
Filing Date	:NA	ROAD, TIRUPATI - 517 507, Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR.PVN REDDY, M.TECH.,PH.D
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This thesis describes the research and development of content based image retrieval system using texture and color features. The process of retrieving desired images from a large collection of image database by applying a query image is called image retrieval. Image retrieval is carried out by representing each image in the database with the corresponding content represented by image features viz., Color, Texture, and Shape. The main objective of Content Based Image Retrieval is to reduce Semantic gap. There are two important tasks in content based image retrieval systems namely feature extraction and similarity measurement. High retrieval accuracy and less computational complexity are the two main requirements of content-based image retrieval. To address this problem, new techniques, which are efficient both in terms of retrieval accuracy are presented. General Local Binary Pattern (LBP) operator encodes the pixel wise information to describe the texture in an image. But the LEBP operator encodes line edge information to describe the texture in an image. Hence Line Edge Binary Pattern (LEBP) operator is presented to extract texture features for CBIR system. A large texture images derived from Brodatz album and MITVisTex database are used to check the retrieval performance. A high-order local pattern operator known as Local Derivative Patterns based on sign and magnitude (LDPM) are presented to extract texture features for the CBIR system. LDPM is a general frame work to encode directional pattern features based on local derivative variations. The high order LDP can capture more detailed information than the first order local pattern used in Local Binary Pattern (LBP). A large texture images derived from Brodatz album and MITVisTex database are used to check the retrieval performance. This study has clearly demonstrated that retrieval performance not only depends on a good set of features but also on the use of suitable similarity measure. Inter Color Local Ternary Pattern (ICLTP) operator is presented to extract texture features for CBIR system. LBPs have proven to be highly discriminative features for texture classification. But the threshold at exactly the value of the central pixel, they, tend to be sensitive to noise. LTP is a three valued code, in which gray levels in a zone of width $\pm t$ around central pixel are quantized to zero; ones above this are quantized to +1 and ones below it to -1. Hencet is a user specified threshold, so that LTP codes are more resistant to noise. Retrieval performance is verified by conducting experiments on COREL and MIT VisTex database. A detailed study of the retrieval performance with Multiwavelet based three feature measures and four distance metrics for texture image retrieval are presented. A Multiwavelet transform can simultaneously provide perfect representation while persevering length (orthogonality), good performance at the boundaries (via linear phase symmetry), and a high order of approximation (vanishing moments).But a scalar wavelet cannot possess all these properties at the same time. A large texture database images derived from Brodatz album are used to check the retrieval performance. In order to improve the retrieval performance, multiple features are presented i.e., Multiwavelet based texture features are combined with color feature such as color correlogram. A large MITVisTex database images are used to check the retrieval performance. Experimental results shows that the performance of the CBIR system using color and texture features is superior when compared to CBIR algorithm using only texture features or CBIR algorithm using color feature alone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3249/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :27/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE CLOCK/TIME SYNCHRONIZATION BETWEEN DEVICES IN A NETWORK

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Doddakannelli, Sarjapur Road,
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(72)Name of Inventor :

1)TINKU MALAYIL JOSE

(57) Abstract :

This disclosure relates to systems and methods for functionality-specific system time synchronization. In one embodiment, a method is disclosed, which comprises determining whether functionality-specific system time information is available from a first server. If the functionality-specific system time information is available from the first server, a first request for functionality-specific system time information is transmitted to the first server. A first functionality-specific system time is received from the first server. A second functionality-specific system time can then be generated based on the first functionality-specific system time. If the functionality-specific system time information is not available from the first server, after a second request for functionality-specific system time information is received from a second device, the method further comprises determining whether to provide a local functionality-specific system time to the second device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR AUTOMATIC ASSESSMENT OF A CANDIDATE AND A VIRTUAL INTERVIEWING SYSTEM THEREFOR

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SINDHU BHASKARAN

2)ANASUYA DEVI KOMPELLA

(57) Abstract :

The present disclosure relates to a method and a virtual interviewing system for automatic assessment of a candidate. In one embodiment, the virtual interviewing system receives profile information associated with one or more candidates and job description details associated with the job. The profile information is processed to identify candidates having skills or expertise areas matching with the job description. The virtual interviewing system conducts interview to the candidates whose profiles are matching with the job description. A set of questions are provided to the candidates and the corresponding answers are evaluated based on predetermined answers stored in a knowledge base. An overall score is determined for each candidate and performance of the candidates is captured in an assessment report. Based on the assessment reports, one or more candidates are selected as qualifying candidates, thus reducing the human intervention in recruiting candidates for an enterprise or organization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3358/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :02/07/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PALM CLIMBING CYCLE

(51) International classification	:A63B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JOY MK
(32) Priority Date	:NA	Address of Applicant :S/O MA KOCHAPPAN, MUTTATH
(33) Name of priority country	:NA	HOUSE, ENAMAVU-VENKIDANGU (P.O.) THRISSUR
(86) International Application No	:NA	DISTRICT, KERALA - 680 510, Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JOY MK
(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 rotor based coconut tree climbing machine/cycle. The disclosed coconut climbing machine is a durable, lightweight, nonslip, camouflage, structurally superior coconut tree climbing machine which is inexpensive, may be easily compacted for transportation, and includes one or more, nonslip, adjustable belts, and the like. Also disclosed is a dual rotor based cycle capable of firmly gripping a tree trunk to prevent slippage when used in conjunction with interchangeable or permanent platform grips.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3211/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ROOFWATER FILTER

(51) International classification

:B01D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)A. R. SHIVAKUMAR

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BASAVESHWARA LAYOUT, NEAR SUBBANNAGARDEN,
VIJAYANAGAR, BANGALORE - 560 040, Karnataka India

(72)Name of Inventor :

1)A. R. SHIVAKUMAR

(57) Abstract :

Rainwater collected directly is very pure and clean. However, rainwater collected from the rooftop of any building may contain many substances, which get mixed with pure water on the roof (leaves, bird droppings, dust etc.). These impurities need to be filtered before the rainwater is stored. Roofwater Filter is a simple device, which is very effective and user friendly.to filter rainwater from the roof. The construction and functioning of this device is briefly represented in Fig - 1 (attached). An important feature in filtering rainwater is that this equipment automatically allows separation of initial rainwater which has large quantity of contaminants from rooftop (referred to as auto flush valve) from relatively cleaner and purer rainwater subsequently collected. The filter cartridge has a backwash arrangement to clean the filter cartridge without taking out the filter cartridge away from. the equipment. It also has built in safety arrangement to release the water in the event of clogging of the filter without causing any flooding on the rooftop and also without damaging the equipment. These three features are incorporated in the designing of the Roofwater Filter itself. Note: Repeat boxes in case of more than one entry To be signed by the applicant(s)or the authorized registered patent agent Name of the applicant should be given in full, family name in the beginning Complete address of the applicant should be given stating with postal index ho. / code, state and country Strike out the column which is/are not applicable

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3294/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING LIVENESS DURING BIOMETRIC AUTHENTICATION

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KARAN SINGH

2)AKSHIT SINGHVI

3)VINOD PATHANGAY

(57) Abstract :

In certain embodiments of the present disclosure relate to a method for detecting liveness of a user during biometric authentication. The method comprising identifying a speech signal in a pre-determined time interval associated with the speech signal. Furthermore, the method comprising determining a speech respiration co-occurrence (SRC) score associated with the speech signal. In addition, the method comprising detecting liveness of the user, if the SRC score is above a predefined threshold, wherein the detection of liveness further aids in increasing the security of biometric authentication system.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3367/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :02/07/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTI STAGE WATER FILTER WITH BUILT-IN PROVISIONS FOR SYSTEM CARTRIDGE CLEANING

(51) International classification

:B01D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)K.NAGESHWAR

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040, Tamil Nadu India

(72)Name of Inventor :

1)K.NAGESHWAR

(57) Abstract :

A multistage water filter comprising at least three stages of purifier is disclosed and that it removes all the man-made contaminants in the water. The water purifying system filters all the volatile organic impurities, bad taste and odour in the supplied water while retaining the essential minerals needed for the human body. The first stage of purifier comprises of controlled running water purifier assembly (50) with built in arrangement for the system back wash through the manual lateral rotational movement of the said assembly comprises an inlet pipe (60) connected to the source of the controlled running water for supplying the required water flow to the said purifier assembly, a divider (51) connected to the said inlet pipe (60) for dividing the said pipe (60) into top inlet pipe (65) and the bottom inlet pipe (61), nipples (56 a and 56 b) clubbed with a side ports (58 a and 58 b) configured with provisions to accept the inlet pipes (65, 61) to accept the outlet pipes (62, 63) at the diagonally opposite ends of the said inlet pipes and to connect to the water purifier system (52) at the vertical top and bottom ends of the water filter housing (52), port chambers (57 a and 57 b) enclosing the said nipples (56 a and 56 b) and side port arrangements at the top and bottom ends of the water filter housing (52) comprise means for providing the manual lateral rotational movement to the said water filter housing (52), flap (64) attached to the body of the said water filter housing (52) for indicating the operation mode of the said water purifier assembly (50) comprises engravings to denote the mode of operation, manual lock arrangements for fixing the position of the said water filter housing (52) at any one said mode of operation of either in the cleaning mode or in the purge mode and a RO and UV purifying arrangements connected to the outlet pipe (63) providing secondary level of water purification. The second and third stages of multi-level water purifier comprises of the water purifying system with high quality membranes of pre-determined micron ratings for eliminating the bacteria and viruses of 1 to 0.01 micron sizes and the visible and non-visible ferrous and non-ferrous impurities along with the ability for providing back wash to the said stages without the necessity to remove the arrangement from the set up.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2472/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ZERO TURNING RADIUS VEHICLE WITH SPECIAL PLANETARY STEERING GEAR BOX

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K.K. JAGADEESH
(32) Priority Date	:NA	Address of Applicant :S/O K. K. KARAPPAKUTTY
(33) Name of priority country	:NA	KARUVAN HOUSE, PAZHAYI P.O, PUDUKKAD (VIA)
(86) International Application No	:NA	THRISSUR DISTRICT, PIN - 680 301 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K.K. JAGADEESH
(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 zero turning radius vehicle control mechanism and more particularly to planet gear steering and differential gearbox arrangement for a zero-radius turning vehicle. In an embodiment, the gearbox arrangement includes a steering handle, a planet gear of the planetary gear system is coupled with steering arm, wherein the output 1 generated from the planet gear case is coupled to the Tie rod through a draglink and a bell-crank liver; and a ring gear of the planetary gear system is coupled with the ZTR (Zero Turning Radius) steering arm, wherein the output 2 generated from the ring gear is coupled to the Tie rod through another draglink called ZTR (Zero Turning Radius) lever and a fulcrum. In order to get the ZTR Turning Radius movement, the planet gear cage (output 1) is arrested, which results in the ring gear to start moving the ZTR rod and pushes the hinges in the tie rod to move, resulting in the rotation of fulcrum in 90 degree towards the left or right in tune with the position of the steering.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3279/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : WASTE WATER TREATMENT USING NITROSOMONAS, HYDRILLA, LIME, CANDLE FILTE

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A.BENYL ROSS
(32) Priority Date	:NA	Address of Applicant :581, PENIEL, II MAIN STREET,
(33) Name of priority country	:NA	NESAMONY NAGAR, NAGERCOIL - 629 001, Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.BALA SURYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pure water is essential for the survival of human beings. To meet the requirement of domestic, industrial and agricultural water, the immediate need is to treat waste water, particularly the sewage sludge and slimes from the municipality and industries. In this Treatment Plant we will be able to remove all the harmful Particles present in the water and provide people with good drinking water. The water from the treatment can also be used for domestic purposes. Key words - Eco-friendly ,Nitrosomonas, lime, Hydrilla, candle filter.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3201/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR AUTHENTICATING USING AIRBLOW BY USER

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

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(72)Name of Inventor :

1)BITTU ABY RAJU

2)MIDHUN MOHAN

3)VINUTHA BANGALORE NARAYANMURTHY

4)MANOJ MADHUSUDHANAN

(57) Abstract :

The disclosure related generally to systems and methods for authenticating using air-blow by user. At least one input device receives one or more air-blows associated with one or more blow speeds. A pointer on a user interface is caused to move to at least one numeric character on at least one scale in response to each of the one or more blow speeds. The at least one numeric character is compared with a predetermined personal identification number (PIN) mapped to the at least one user. The user is granted access or access is denied based on the comparing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3315/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ENABLING REAL TIME LOCATION BASED PERSONALIZED OFFER MANAGEMENT TO CUSTOMER

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)SATYAJIT RAY

2)ANINDITO DE

(57) Abstract :

The present disclosure relates to a method and a system for enabling real time location based personalized offer management to a customer. In one embodiment, the method identifies a plurality of customers likely visiting the store, and determines a plurality of relevant personalized offers that can be provided to the identified customers. The method further receives real time information about the presence of customers within the store and provides the in-store customers with one or more real time recommendations of offers on products based on the usage of the relevant personalized offers. Thus, the method and system provides personalized promotional offer based on convenience of individual customers, customers interest on different products on real-time within the establishment. Further, the method and system also provides alternate offers to customers present within store and assess the promotional effectiveness of the campaign on a real-time basis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2343/CHE/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : E.H.P. ENGINE (ELECTRIC HYDRAULIC POWER ENGINE-WITHOUT FUEL)

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BARRE.VENKATESWARLU
(32) Priority Date	:NA	Address of Applicant :13/186/23B, L.B. NAGAR,
(33) Name of priority country	:NA	M.R.PALLI, TIRUPATHI -517 50, CHITTOOR, Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BARRE.VENKATESWARLU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This new revolutionary invention very useful to make non pollution world, I would like to show my efficiency through my invention for my Nation with my invention with high eco friendly international standard (E.H.P.ENGINE), Important things is for engine runs not required any type of burning fuel at all. Fully non emission engine and very powerful. My invention Name is ELECTRIC HYDRAULIC POWER ENGINE (E.H.P.E.) has consist main parts as follows: 12v - 120Ahms D.C. Battery, .D.C. STARTER MOTOR, A.C.INDUCTION MOTOR, HYDRAULIC PUMP, CONTROL VOLVE, HYDRAULIC MOTOR, A.C.ALTERNATOR. This E.H.P. Engine has applicable for all application like power generation (Generators), automobile industry (bikes, cars, buses, trucks, trailers and other vehicles), trains, ships, boats and other applications. To make high performance standard E.H.P.ENGINE needs to testing laboratory required, we can make changes of E.H.P. Engines with help of latest availability technology in electric, hydraulic, to come out E.H.P. ENGINE with high international standards. After using the E.H.P. Engine pollution world turns to non pollution world, for that I assured confidently.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2887/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : HIGH FLOW OF WARM HUMIDIFIED OXYGEN

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Kumara Venkatanarayana Nibhanipudi
(32) Priority Date	:NA	Address of Applicant :H. No. 150/A SRT, Sanjeeva Reddy
(33) Name of priority country	:NA	Nagar, Hyderabad. Telangana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumara Venkatanarayana Nibhanipudi
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the administration of warm humidified oxygen to patients suffering with breathing problems. The present invention more specifically relates to the high flow of warm humidified oxygen to patients suffering with breathing problems or suffering with asthma.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHE/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING ASSISTANCE FOR COOKING FOOD ITEMS IN REAL-TIME

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)ANVITA BAJPAI

2)VINOD PATHANGAY

(57) Abstract :

Embodiments of present disclosure disclose a method for providing assistance for cooking food items in real-time. The method comprises extracting instruction steps corresponding to food recipe from sources. The method comprises receiving sensor inputs from sensors indicating execution of each of the instruction steps. The sensor inputs comprises user actions for performing each of corresponding instruction steps, one or more cooking parameters of each of the corresponding instruction steps, and utilization of cooking articles during each of the corresponding instruction steps. The method comprises comparing the sensor inputs indicating the execution of each of the instruction steps with predefined cooking data of corresponding instruction steps. The method comprises providing recommendation associated with the execution of each of the instruction steps in real-time based on the comparison for providing assistance for cooking in real-time. Embodiments generate instruction steps of cooking in real-time.

No. of Pages : 52 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PNEUMATIC SILK HANDLOOM

(51) International classification	:D03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RmKV SILKS (PVT.) LTD.
(32) Priority Date	:NA	Address of Applicant :125-127, Usman Road, Panagal Park, T
(33) Name of priority country	:NA	Nagar, Chennai, Tamil Nadu 600017, India Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMARASWAMY SIVAKUMAR
(87) 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 pneumatic handloom comprising a metallic frame configured to accommodate at least one warp roller, a cloth roller, and a pendulum slay housing a reed, a pair of shuttle boxes provided on either side of said pendulum slay, a pair of picking sticks, each fitted on either side of said pendulum slay, and an electronic jacquard box having a plurality of hooks, mounted on an operative top portion of said pneumatic handloom with harnesses and heddles provided for weaving, wherein said pendulum slay and said pair of picking sticks are fitted with one or more pneumatic pistons operated via one or more foot pedals fitted on an operative bottom portion of the pneumatic handloom for an operator to access each pedal independently.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2983/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : MATCH COMPOSITE SKETCHES WITH DRONE IMAGES

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Steven Lawrence Fernandes

Address of Applicant :RP12EC001, Research Scholar,
Department of Electronics & Communication Engineering,
Karunya University, Coimbatore Tamilnadu, India

(72)Name of Inventor :

1)Steven Lawrence Fernandes

2)Dr. G. Josemin Bala

(57) Abstract :

The present invention relates to the method of comparing composite sketches. The said method utilizes a dynamic image capturing system with an intelligent module for recognition of face from live images. More specifically, an image quality assessment module is utilized to assess the quality of the captured image. Further, based on the image quality assessment module results, a feature extraction module is utilized to extract the features from said image which finally is compared with a reference image using a classifier module. The present invention provides a single step easy procedure with a very quick turnaround time for matching composite sketches.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/CHE/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IMPROVED PRODUCTION SURVEILLANCE USING VISUAL PATTERN RECOGNITION IN OIL AND GAS UPSTREAM

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)VENKATAKRISHNAN RAJARAM

2)HEMANT KUMAR

(57) Abstract :

A method and production surveillance device to perform oil and gas upstream surveillance is disclosed. The method comprises generating one or more real-time patterns from one or more sensor data received from one or more sensors; comparing the one or more real-time patterns with one or more pre-defined patterns; determining a confidence prediction score based on the comparison of the one or more real-time patterns with the one or more pre-defined patterns; and generating one or more alerts based on the confidence prediction score to perform oil and gas upstream surveillance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2514/CHE/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING CONTEXT SENSITIVE SHORT MESSAGE SERVICE (SMS)

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)MAHESHWARAN GOVINDARAJESWARAN

2)MADAN MOHAN BALASUBRAMANIAN

(57) Abstract :

In certain embodiments, the method may comprise receiving an SMS. The method may further comprise identifying at least one template that can be applied to the SMS based on analyzing content of the SMS. The method may furthermore comprise identifying one or more actionable texts from the content of the SMS using the at least one template. In addition, the method may comprise retrieving service metadata from the at least one template to associate the service metadata to each of the one or more actionable texts. Moreover, the method may comprise prompting the one or more indicators to perform actions based on the service metadata.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/CHE/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SEMI AUTOMATIC MACHINERY FOR PROCESSING NATURAL RUBBER SHEET AND PROCESS THEREOF

(51) International classification	:B65G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TONY KAPPEN
(32) Priority Date	:NA	Address of Applicant :KAPPIL HOUSE,
(33) Name of priority country	:NA	EDAKKURUSSIKUNNU, KARIMBA POST, PALAKKAD
(86) International Application No	:NA	678597, KERALA STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TONY KAPPEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Semi automatic machinery to free natural rubber sheet from foreign matter comprises of: a) natural rubber sheet separator having a rotating roller (4) in its own axis over rack of the rail frame (8) having rubber sheet edge holder (9); pneumatic piston arrangements for the movement of said roller & rail frame, pushing the rubber sheet bundle and operating rubber sheet loading arm cum bundle presser (7) and rail guide for scissor lift assembly (12); b) external impurity remover having two feed rollers (14), roller brushes (15), both rotating on opposite direction in succession for cleaning the surfaces of the sheet with knobs (16) and (17) to adjust the gap between them and c) internal impurity detector having a rotating endless conveyor belt (26) made of translucent material; a high intensity lights (28) placed along the conveying path of the rubber sheet, to detect the embedded impurities that is removed by scissor or punching machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR AN ELECTRO MECHANICAL SHOWER

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RASIKA VUPPALA
(32) Priority Date	:NA	Address of Applicant :6-3-595/62, MANI NIVAS,
(33) Name of priority country	:NA	PADMAVATI NAGAR COLONY, HYDERABAD-500004,
(86) International Application No	:NA	TELANGANA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RASIKA VUPPALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for an electro mechanical shower. The system includes an alarm unit and a user input interface unit, the user input interface unit communicatively coupled with the alarm unit for enabling a user to preset a predetermined time for activating the alarm unit. A mechanical provision coupled with the alarm unit configured for dynamically enabling a flow of water from the shower unit until the preset time is reached in the alarm unit and disabling the flow of water from the shower unit on reaching the predetermined time in the alarm unit.

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

(54) Title of the invention : DESIGN AND PERFORMANCE ANALYSIS OF DISCRETE WAVELET TRANSFORM BASED IMAGE FUSION AND COMPRESSION FOR MICRO AIR VEHICLE APPLICATIONS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.C.CHANDRASEKHAR, M.TECH., PH.D
(32) Priority Date	:NA	Address of Applicant :PROESSOR, DEPT. OF
(33) Name of priority country	:NA	ELECTRONICS AND COMMUNICATION ENGINEERING SV
(86) International Application No	:NA	COLLEGE OF ENGINEERING (SVCE) KARAKAMBADI
Filing Date	:NA	ROAD, TIRUPATI - 517 507, Andhra Pradesh India
(87) International Publication No	: NA	2)DR.S.NARAYANA REDDY, M.TECH., PH.D
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.C.CHANDRASEKHAR, M.TECH., PH.D
(62) Divisional to Application Number	:NA	2)DR.S.NARAYANA REDDY, M.TECH., PH.D
Filing Date	:NA	

(57) Abstract :

Micro air vehicles that are of less than 15 centimeter in size and weigh less than 20 grams need to navigate autonomously and avoid obstacles. The onboard image sensors acquire data from remote locations and transmit to the base stations, occupying more memory and require large bandwidth. Data collected by swarm of MAVs at the base station need to be fused to obtain relevant information. In this work, Discrete Wavelet Transform that forms the primary block in image compression, fusion and registration is designed and implemented on VLSI platform optimizing speed, area and power. Wavelet filters such as Biorthogonal and Daubechies are analyzed for their performances in reconstruction of image after compression and fusion. Image size and type of image being processed impact PSNR which is a measure of algorithm. DWT results are compared with DCT results considering Daubechies Wavelets, an improvement of 32% in terms of PSNR are achieved in image compression using DWT. In order to improve performances of DWT computation such as area, speed and power dissipation modified lifting based DWT is designed using pipelining architecture. The pipelined lifting DWT architecture is implemented on Xilinx FPGA. The proposed architecture reduces slice utilization by 31%, power is reduced by 48% and operating frequency by 73%. Further the pipelined lifting architecture is optimized for power dissipation by modifying the architecture incorporating low power techniques such as clock gating, power gating, device sizing, logic restricting, balanced gate delay, glitch reduction and voltage & frequency scaling techniques. The power dissipation is reduced by 20% and operating frequency is increased by 4% at the cost of additional hardware. 3D image compression using 3D-DWT algorithm is designed and implemented on VLSI platform using modified systolic array architecture. The systolic array architecture optimizes area by 31%, power dissipation by 3% and operating frequency by 30% for ID-DWT. The ID-DWT architecture is extended in realizing 3D-DWT architecture. The 3D-DWT architecture realized using systolic array logic reduces area by 41%, increases operating frequency by 35% and reduces power by 1.5% as compared with conventional DWT architecture. DWT based image fusion algorithm is designed and implemented on Virtex II pro FPGA considering 10,000 pixels of image (100 x 100 image size) which is loaded onto internal memory of FPGA. The novel image fusion algorithm operates at 307 MHz, consuming power of less than 0.21 W and occupying 436 slices. The DWT algorithm developed can be used as a digital Intellectual Property (IP).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3252/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :27/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING EMOTIONS OF A USER USING A CAMERA

(51) International classification

:A61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PANNEER SELVAM. J

2)VINOD PATHANGAY

(57) Abstract :

The present disclosure relates to a method for determining emotions of a user using a camera. The method comprises receiving at least one image of the user from the camera. Then, at least one region of interest of the user is detected in the at least one image. A video plethysmographic waveform is generated by analyzing the at least one region of interest. Then, at least one physiological characteristic based on the video plethysmographic waveform is determined. The emotions of the user are determined by comparing the at least one physiological characteristic with predefined physiological characteristics defined for each emotion.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.633/KOL/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : EDGE REFLECTION TYPE SURFACE ACOUSTIC WAVE DEVICES ON SILICON SUBSTRATE

(51) International classification	:H03H3/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAI KRISHNA SANTOSH GOLLAPUDI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	AND ELECTRICAL ENGINEERING, INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY GUWAHATI, GUWAHATI, PIN-781039,
Filing Date	:NA	ASSAM, INDIA.
(87) International Publication No	: NA	2)NEMADE HARSHAL BHALCHANDRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAI KRISHNA SANTOSH GOLLAPUDI
(62) Divisional to Application Number	:NA	2)NEMADE HARSHAL BHALCHANDRA
Filing Date	:NA	

(57) Abstract :

An edge reflection type of surface acoustic wave device on silicon substrate comprises of a silicon substrate provided with a piezoelectric layer, an optional silicon dioxide layer, at least one interdigital transducer, and micro machined parallel edges at the boundary of the device. The surface acoustic wave device is constructed such that the generated shear horizontal surface acoustic waves are reflected between the parallel edges to form a standing wave pattern. Surface acoustic wave resonators, longitudinally coupled resonator filters and transversely coupled resonator filters are realized on silicon.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :28/05/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : IOT PHYSICAL ACTIVITY MONITORING

(51) International classification	:G06F3/048 G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Partha Pratim Ray
(32) Priority Date	:NA	Address of Applicant :Department of Computer Applications,
(33) Name of priority country	:NA	Sikkim University, 6th Mile, PO Tadong, Gangtok, East Sikkim,
(86) International Application No	:NA	737102 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr. Partha Pratim Ray
(61) Patent of Addition to Application Number	:NA	2)Mrs. Lekhika Chettri
Filing Date	:NA	3)Mrs. Rebika Rai
(62) Divisional to Application Number	:NA	4)Mr. Keshav Kumar Bishunkey
Filing Date	:NA	

(57) Abstract :

The present invention belongs to the field of human health which measures, monitors and generates a record of the human health condition. This invention is a device that targets monitoring the physical activity based on Internet of Things (IOT). It incorporates body temperature sensor, pedometer, pulse oxymeter, and ECG sensor that continuously monitor the physical activity in real time. The calibrated data received from the sensors are sent to the cloud via gateway (Wi-Fi and GSM service) which are stored as a record that can be referred anytime to study health condition. By continuous measuring, monitoring and reporting the health status the probability of occurrence of mishap could be reduced drastically. Further, the obtained values stored at the cloud are sent to the concerned individual via e-mail, call or SMS under critical circumstances. A display unit periodically highlights the calibrated value at regular interval.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.652/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A HEAT-FREE COMPOSITE DAYLIGHT INGESTING SYSTEM

(51) International classification	:A61B5/11
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUBHADEEP BHATTACHARJEE
Address of Applicant :Assistant Professor, Dept. of Electrical Engineering National Institute of Technology, Agartala, Jirania, Tripura (West), Pin-799046 Tripura India
(72)**Name of Inventor :**
1)SUBHADEEP BHATTACHARJEE
2)SHANTANU ACHARYA
3)APRITA DAS

(57) Abstract :

Lighting is an important requirement of any facility and constitutes a major portion of the facility's total energy consumption. In many facilities, rooms are without window, where daylight cannot percolate and artificial lighting is adopted all over the day. The present invention provide a heat-free composite daylight ingesting system comprising funnel shaped light pipe composed of PVC having two sized ends - narrow and wide ends, inside of the pipe coated with highly reflective aluminum sheet; Multiple Fresnel lens dome, avoiding consumption of electricity for entrapping incident sunlight; Multiple apertures or light windows which open between roof and false ceiling; Plano-convex mirror affixed at the wall of the space between roof and false ceiling; Reflective coating on the mirror composed of frosted glass and low emissivity glass in the neck of light tube to avoid heat accumulation inside light duct.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.717/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :30/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ISOLATION, IDENTIFICATION, CHARACTERIZATION AND BIOEFFICACY TESTING OF 3, 4-SECO-LUP-20(29)-EN-3-OIC ACID, NOVEL DIABETIC THERAPEUTIC AGENTS FROM SEED OF HOLARRHENA ANTIDYSENTERICA

(51) International classification	:C07J73/00 C07J75/00	(71)Name of Applicant : 1)GHOSH, DEBIDAS
(31) Priority Document No	:NA	Address of Applicant :DEPT. OF BIO-MEDICAL
(32) Priority Date	:NA	LABORATORY SCIENCE AND MANAGEMENT,
(33) Name of priority country	:NA	VIDYASAGAR UNIVERSITY, MIDNAPORE - 721 102, WEST
(86) International Application No	:PCT//	BENGAL, INDIA
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)GHOSH, DEBIDAS
(61) Patent of Addition to Application Number	:NA	2)MANDAL, SUVRA
Filing Date	:NA	3)GHOSH, ANINDITA
(62) Divisional to Application Number	:NA	4)CHATTERJEE, KAUSIK
Filing Date	:NA	5)ALI, KAZI MONJUR

(57) Abstract :

A method of obtaining anti-diabetic/anti-hyperglycemic novel compound 3, 4-seco-lup-20(29)-en-3-oic acid of formula I, II said method comprising maceration of a certain weight of pulverized seeds of Holarrhena antidysenterica at room temperature suitably in a solvent and preparation of lyophilized extract, dissolving the lyophilized crude extract in a suitable volume of hydroethanolic solution, carrying out solvent partitioning using various solvents, subjecting all fractions obtained by filtration for the bio-activity study to identify most active fraction responsible for anti-hyperglycemic/anti-diabetic activity and subjecting it to column chromatography, the sticky solid mass so obtained is crystallized twice from 20% chloroform in n-Hexane solvent to yield colourless rectangular crystals, identified as compound with structural formula I.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :20/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ULTRASONIC SEALING DEVICE AND RELATED METHODS THEREOF

(51) International classification	:B65B51/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B & A PACKAGING INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :113, PARK STREET, 9TH FLOOR,
(33) Name of priority country	:NA	KOLKATA, WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHIREN KUMAR ROUT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an ultrasonic sealing device and in particular, this invention relates to an ultrasonic sealing device having a sonotrode which applies the ultrasonic vibration and an anvil as a passive counterpart. More particularly, this present invention relates to the ultrasonic sealing device wherein the high frequently oscillating electrical field is converted into a mechanical oscillation. Furthermore, this invention also relates to an ultrasonic sealing device which has the beneficial effects of having saving manpower, safety and reliability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2007/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : STEEL SHEET HAVING ALKALI-SOLUBLE LUBRICATING FLIM, METHOD FOR PRODUCING SAME, AND COMPOSITION

(51) International classification	:C23C 26/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/083951
Filing Date	:27/12/2012
(87) International Publication No	:WO 2014/102982
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIHON PARKERIZING CO., LTD.
Address of Applicant :1-15-1, NIHONBASHI, CHOU-KU,
TOKYO 1030027 JAPAN
(72)**Name of Inventor :**
1)SERITA ATSUSHI

(57) Abstract :

The present invention provides a steel sheet which has an alkali removable lubricating film on the surface, and which is characterized in that: the lubricating film has a first layer that contains (A) a polyethylene oxide having a weight average molecular weight of 50,000-500,000 and (B) a copolymer of (X) a styrene hydrocarbon compound or an olefin hydrocarbon compound having 3 or more carbon atoms and (Y) a polymerizable unsaturated compound having a carboxylic acid anhydride group and/or a polymerizable unsaturated compound having a carboxy group, said compounds being copolymerizable with the compound (X), wherein some or all of the carboxylic acid anhydride groups and the carboxy groups contained in the copolymer may be ammonia-modified, imidized or blocked by an alcohol, with the mass ratio of the component (B) relative to the total of the component (A) and the component (B) being more than 5% by mass but less than 50% by mass, and a second layer that is provided on the first layer and is formed of an oil layer that contains an oil component having a kinematic viscosity of 3-32 mm²/s (at 40°C); the total adhesion amount of the component (A) and the component (B) is 0.1-1.0 g/m²; and the adhesion amount of the oil layer is 0.1-3.0 g/m².

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A TEMPERATURE SENSOR BASED ALTERNATIVE TO PITOT-STATIC SYSTEM FOR MEASUREMENT OF AIRCRAFT SPEED

(51) International classification	:H04B1/7075
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NASKAR PROLOY JYOTI
Address of Applicant :S/O - DEBDAS NASKAR,
RAYNAGAR (WARD NO 11), (NEAR RAYNAGAR SCHOOL,
OPP.TO ELECTRIC TRANSFORMER), DIAMOND
HARBOUR, PIN-743331, SOUTH 24 PARGANAS, WEST
BENGAL, INDIA
(72)**Name of Inventor :**
1)NASKAR PROLOY JYOTI

(57) Abstract :

Measurement of air speed is essential for safe flight of any aircraft. For about 100 years Pitot-Static system has been performing this task despite its limitations in aircraft application. This invention aimed at bringing in an equally robust but more reliable air speed measurement system that should replace Pitot-Static system or at least work as a standby option. The invention makes use of two temperature sensors instead of a Pitot-Static Probe. The air speed is calculated using simple Fluid Mechanics principles taking air temperatures sensed by the two sensors as inputs. Apart from air speed, static temperature, total temperature and Mach number can also be obtained as outputs. Since temperature sensors are already in use for True Air Speed calculation and functioning of engines, it is a known device to the aviation community and should be easy to adopt. The system can also be used in any non-aircraft platform for flow speed measurement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.682/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :19/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHOTOVOLTAIC-THERMOELECTRIC-PHOTOVOLTAIC (PV-TE-PV) MULTILAYER DEVICE FOR ENHANCING SOLAR ELECTRIC POWER GENERATION WITH REDUCED AREA REQUIREMENT

(51) International classification	:G02B5/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Suprava Chakraborty
(32) Priority Date	:NA	Address of Applicant :of DEPARTMENT OF ELECTRICAL
(33) Name of priority country	:NA	ENGINEERING INDIAN SCHOOL OF MINES (UNDER
(86) International Application No	:PCT//	MHRD, GOVT. OF INDIA), DHANBAD-826004,
Filing Date	:01/01/1900	JHARKHAND, INDIA
(87) International Publication No	: NA	2)Pradip Kumar Sadhu
(61) Patent of Addition to Application Number	:NA	3)Utpal Goswami
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Suprava Chakraborty
Filing Date	:NA	2)Pradip Kumar Sadhu
		3)Utpal Goswami

(57) Abstract :

The invention relates to Photovoltaic-Thermoelectric-Photovoltaic (PV-TE-PV) multilayer device for enhancing solar electric power generation with reduced area requirement. The (PV-TE-PV) multilayer device comprises of three said generation system, the said system comprising, a transparent solar cell (TCS) at the front for first photovoltaic generation, an amorphous silicon (a-Si) solar cell at the back for third photovoltaic generation. The transparent solar cell (TSC) is disposed for absorbing the sunlight spectrum beyond visible wavelength when the visible wavelength spectrum passing through the said TSC reaches the amorphous-Si solar cell uninterruptedly. A thermoelectric generation exists between the two photovoltaic generation generated by the transparent solar cell and the amorphous silicon solar cell wherein thermoelectric generation results due to the presence of said solar cells back to back, when three generation forms a PV-TE-PV module. A plurality of said module each connected separately in series to a current source inverter (DC/AC CSI) for producing alternating current (AC) are disposed to be connected with AC grid.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2015

(21) Application No.277/KOL/2015 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : DOUBLE QUANTUM WELL NITRIDE HIGH ELECTRON MOBILITY TRANSISTOR (HEMT)

(51) International classification	:H01L21/28 H01L29/778	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(31) Priority Document No	:NA	Address of Applicant :Indian Institute of Technology, Kharagpur 721302, Dist - Midnapore, State of West Bengal, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)BAG, Ankush
(86) International Application No	:NA	2)DAS, Palash
Filing Date	:NA	3)KUMAR, Rahul
(87) International Publication No	: NA	4)MUKHOPADHYAY, Partha
(61) Patent of Addition to Application Number	:NA	5)BISWAS, Dhrubes
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A double quantum well high electron mobility transistor is disclosed, and designed for nitride materials. The novelty of the heterostructure is based on distribution of polarization induced carriers in both the quantum wells. Conduction band bending has been engineered through band-offset and polarization of materials. There are two quantum wells with different conduction band energy of the channels. The carriers are populated in drain current conducting channel by applying positive bias at gate which makes threshold voltage positive. Due to tunneling, other transistor parameters, such as drain saturation current, on resistance and sub threshold slope, are comparatively much superior to previous reports on enhancement nitride HEMT. The conceptualized device is ideal to be applicable or high power and high frequency complementary logic based digital and RF switch application with very low power loss during switching transient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.445/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PACEMAKER BATTERY RECHARGER FOR ENHANCING THE SERVICE LIFE

(51) International classification	:H02J7/00	(71)Name of Applicant : 1)Prof. (Dr.) Pradip Kumar Sadhu Address of Applicant :of DEPARTMENT OF ELECTRICAL ENGINEERING INDIAN SCHOOL OF MINES (UNDER MHRD, GOVT. OF INDIA),DHANBAD-826004, JHARKHAND, INDIA
(31) Priority Document No	:NA	2)Animesh Halder
(32) Priority Date	:NA	3)Dr. Nitai Pal
(33) Name of priority country	:NA	4)Prof. (Dr.) Ankur Ganguly
(86) International Application No	:NA	5)Dr. Prabir Bhowmik
Filing Date	:NA	6)Moumita Sadhu
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Prof. (Dr.) Pradip Kumar Sadhu
Filing Date	:NA	2)Animesh Halder
(62) Divisional to Application Number	:NA	3)Dr. Nitai Pal
Filing Date	:NA	4)Prof. (Dr.) Ankur Ganguly
		5)Dr. Prabir Bhowmik
		6)Moumita Sadhu

(57) Abstract :

A pacemaker battery recharger for enhancing the service life consists of a high frequency inverter (3), a bobbleless coil functioning as a transmitter coil (T) and placed over the body surface near a bobbleless coil working as a receiver coil (R) placed under the endothermous. The receiver coil (R) along with pacemaker unit (1) are implanted inside the body. The receiver coil is kept at least 4 cm away from the pacemaker unit (1) and is connected to the bridge rectifier (4) and the output of the rectifier is connected to a series LC network having link inductor (5), capacitor (8), battery (6) and oscillator and electronic circuit. The flux generated at the transmitter coil cuts the receiver coil through skin and muscles when the battery (6) is set at 2Ah rating allowing the battery to discharge 50 percent of its total capacity so that battery life is enhanced by 10 years.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.709/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTI-INFLAMMATORY AND REGENERATIVE FORMULATION TO SUBSTANTIALLY HEAL INFLAMMATORY BOWEL DISEASE (IBD)

(51) International classification	:A23L1/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BANERJEE, ENA RAY
(32) Priority Date	:NA	Address of Applicant :FLAT 4G, SUDRISHTI
(33) Name of priority country	:NA	APARTMENT, 153 NSC BOSE ROAD, KOLKATA - 700 040,
(86) International Application No	:NA	WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BANERJEE, ENA RAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anti-inflammatory and regenerative formulation is disclosed. It is applied in a suitable dosage form to substantially heal Inflammatory Bowel Disease (IBD) in humans and animals. It comprises of probiotic microbial strains namely Lactobacillus acidophilus (A), Bifidobacterium bifidum (B), Streptococcus thermophilus (T) in the ratio of 1: 2: 1 in that order.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : IOT BASED SMART SYSTEM FOR DUST MONITORING

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Partha Pratim Ray
(32) Priority Date	:NA	Address of Applicant :Department of Computer Applications,
(33) Name of priority country	:NA	Sikkim University, 6th Mile, PO Tadong, Gangtok Sikkim India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ms. Poulami Majumder
(87) 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 belongs to the field of monitoring of air quality of the environment. The invention presented herein is a low cost smart device that automates the monitoring of the dust particles present in the air of surroundings. This invention comprises of a microcontroller module, a display unit, a wi-fi module, an alarming module, and an infra red dust sensor. The invention is especially effective in detecting very fine particles in size of 0.01micron-2.5 micron. Measured dust particle is calibrated into (mg/m3) unit, which is shown on the display module attached. If the amount of dust particles is beyond the threshold level a warning message appears on the display module. An alerting system also gets activated to notify about the probable harm and discomfort. The wi-fi module periodically sends the measured value of dust density to an Internet of Things based cloud platform for storage. The user can monitor the real time data over the terminal connected to this Internet of Things based cloud at any time, any where provided the internet connectivity is available. User can later on perform statistical analysis on the extracted data from the cloud, if required.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.651/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOMATIC SALINE CONTROLLING DEVICE

(51) International classification	:E01H10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KALIDAS ACHARYA
(32) Priority Date	:NA	Address of Applicant :C/O, SATRUGHNA ACHARYA.
(33) Name of priority country	:NA	VILLAGE- KHARIDANGA, POST OFFICE- NARAYANPUR,
(86) International Application No	:NA	POLICE STATION- RAMPURHAT, DISTRICT- BIRBHUM,
Filing Date	:NA	PIN- 731239, STATE- WEST BENGAL, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KALIDAS ACHARYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a device for controlling saline into the body of the patient and in particular, this invention relates to a device for controlling saline to prevent the undesirable entry of air bubble into the vein or the back flow of blood through the saline tube after end of saline solution. More particularly, this present invention relates to a device for controlling saline gives alarm when saline remains 20 ml and it can stop the flow of saline when remains 10 ml automatically and therefore, no need to regular monitoring the saline delivery. Furthermore, this invention also relates to this device which has the beneficial effects of having safety and reliability.

No. of Pages : 23 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.1/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLAT LOUVERED/SHUTTERED WIND MILL

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SURESH CHAWLA

Address of Applicant :B-1/411 JANAK PURI, NEW DELHI-110058 India

(72)Name of Inventor :

1)SURESH CHAWLA

(57) Abstract :

This invention of flat louvered/shuttered wind mill relates to utilizing full potential of free flowing wind energy using flatter and longer blades/flat sheets/shutters as compared to present wing mills using thinner blades, the system characterized as one which uses long and wide flat surfaced blades/profiled surfaced blades placed in such a way that half portion of blades/sheets/shutters are above the horizontal shaft and half below the shaft called one set with every subsequent set fixed to shaft at right angle or at an appropriate angle to previous set, the shaft placed in horizontal way is supported properly on number of props with central prop having bearing fixed to it to revolve and lower portion fixed in foundations in ground or in water etc, the lower half portion of blades/flat sheets/shutters fixed on bigger diameter pipes over smaller pipes fixed to frame are allowed to open with force of wind or gravity and upper half portion of blades/flat surfaces /shutters again fixed on bigger pipes over pipes with smaller diameter fixed to frames on reverse direction are allowed to become closed to allow wind to fall only on upper half portions of blades, as the wind falls on broader surfaces and turns the vertical set of blades/flat sheets/shutters above the shaft to horizontal position, the subsequent set automatically becomes vertical and process continues to provide continuous rotation to the blades there by generating higher energy which is further multiplied by placing number of such wind mills in lines and rows, even the blades/flat sheets/shutters can be made collapsible by using lever arms used in collapsible louvers in windows etc to save the wind mills in case of storms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1422/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : OIL LEVEL DETECTION SYSTEM

(51) International classification	:B60P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LALIT KAUSHIK
(32) Priority Date	:NA	Address of Applicant :C/6 RATTAN PARK, NANGLOI
(33) Name of priority country	:NA	DELHI-110041 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LALIT KAUSHIK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this innovation the oil level (engine oil, hydraulic oil, transmission oil, coolant etc,) is automatically measured and save after that if this innovative device found this saved oil level values is not in proper level than it takes necessary action regard the oil level. If the oil level is not proper than this innovative device gives the warning alert signal to the operator/Driver but if the operator/driver ignore this warning alert signal and continuously used or running vehicle/machine and the oil level continuously decrease than this innovative device stop the vehicle /machine and protect the vehicle/machine for pennanent failure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1423/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BUSINESS COCKPITS BASED ON IN-MEMORY DATABASE

(51) International classification

:G07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAP AG

Address of Applicant :DIETMAR-HOPP-ALLEE 16,
GLOBAL INTELLECTUAL PROPERTY, WALLDORF 69190,
GERMANY

(72)Name of Inventor :

1)DIRK KEMPF

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4)MARCUS BEHRENS

5)CHRISTOPH BOEHM

6)MARCEL WACHTER

7)HOLGER BOHLE

8)HARISH RAMA RAO

9)ANIRBAN KUNDU

10)THOMAS FLECKENSTEIN

(57) Abstract :

Embodiments of the present disclosure provide systems and methods for a lightweight monitoring application with key performance indicators (KPI) reporting and management. The method may include displaying a page with a plurality of tiles on a user device. The tiles displayed on the page may include a plurality of key performance indicator (KPI) tiles and at least one of a report tile, a news tile and a collaboration tile. The method may retrieve metadata from an in-memory database, the metadata from the in-memory database may correspond to content displayed in at least one of the KPI tiles on the page. In response to an input from a user input apparatus selecting one of the tiles displayed on the page, the method may display additional details or controls for the selected tile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR COOLING OF AN AFTERTREATMENT MODULE

(51) International classification	:F01N3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CATERPILLAR GLOBAL MINING EXPANDED
(32) Priority Date	:NA	PRODUCTS PTY LTD.
(33) Name of priority country	:NA	Address of Applicant :20 KULLARA CLOSE, BERESFIELD,
(86) International Application No	:NA	NEW SOUTH WALES 2322 AUSTRALIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARANI, RAJESH
(61) Patent of Addition to Application Number	:NA	2)SABIBULLAH, MOHAMED IBRAHIM
Filing Date	:NA	3)BOURGOIN, GUILLAUME
(62) Divisional to Application Number	:NA	4)OTHMAN, JEFFERY MOHAMED
Filing Date	:NA	

(57) Abstract :

A cooling system for an after treatment module located within an enclosure is provided. The cooling system includes an exhaust outlet line and a venturi arrangement provided in cooperation with the exhaust outlet line. The venturi arrangement is spaced from a downstream portion of the exhaust outlet line. Moreover, the venturi arrangement relative to the downstream portion of the exhaust outline line is configured to expel heated air from the enclosure.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1043/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FARE METER SYSTEM FOR PUBLIC SERVICE VEHICLES

(51) International classification	:G07B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIBHUTI, ANUPAM
(32) Priority Date	:NA	Address of Applicant :D-113, EAST OF KAILASH, NEW
(33) Name of priority country	:NA	DELHI-110 065, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIBHUTI, ANUPAM
(87) 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 scalable IT based solution with a 360 degree view of problems is the only way to organise a distributed system like the auto rickshaw & taxi fleet in any city, suburb or region. The conceived solution uses state of the art technology and processes to realize the objective of providing a safe, secure, accountable and verifiable on demand auto rickshaw or taxi service for commuters. Mobile phones and services have become so ubiquitous and cost effective that most drivers would be found carrying a mobile phone. A 3600 software application solution that can use GPS signals through an integrated smart mobile phone device can be built to effectively use 2/3/4G or CDMA/WCDMA communications to interact with a central server for data records to service the needs of all stakeholders as well as the actors involved with the trip making process. This application solution could be available at no upfront capital investment to either the state or the owner-driver with a nominal service fee to be shared between the commuter and the driver. Paratransit services would become on-demand, traceable, door to door and efficient for the city, suburb or region as well as the driver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1242/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE FUEL ANNOUNCEMENT SYSTEM

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LALIT KAUSHIK
(32) Priority Date	:NA	Address of Applicant :C/6, RATTAN PARK NANGLOI,
(33) Name of priority country	:NA	NEW DELHI-110041 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LALIT KAUSHIK
(87) 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 :

Today, there are multi fuel vehicles available in the Indian market. Different fuel based engines are developed and successfully works but mostly different fuel based engines are fitted in the same types of the car models. So that way reason it is very difficult to the fuel refilling agent to accurately analysis the vehicle type and fill up fuel type which is exactly match with engine. According to serve report at least 150,000 drivers put the wrong fuel in their car every year. Thats one every three-and-a-half minutes. It could be a result of being new to the vehicle or simply being distracted while filling up. Misfiling seems to be associated particularly with the growth in diesel car sales. Modern diesels are so quiet its easy to forget youre driving one, particularly if its a second family car or hire car. With the help of this first time innovative refilling fuel introducing system. Vehicle automatically introduces to refilling agent which type of the fuel is to be refill in the vehicle. Vehicle is introduces fuel types to refilling agent in the audio and visible both the way. This device start working automatically when the outer fuel tank cap of the vehicle is to be open .We easily uses of this technology in all the different fuel based vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LAMP MOUNT SYSTEM FOR MACHINE

(51) International classification	:F16B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CATERPILLAR INC.
(32) Priority Date	:NA	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(33) Name of priority country	:NA	IL 61629-9510, USA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMPSON, MARK JORDAN
(87) International Publication No	: NA	2)PRAVEENRAJ, NAVEEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lamp mount system for attachment on a machine is provided. The lamp mount system includes a lamp assembly, a first linkage member and a second linkage member configured to support the lamp assembly on the machine. The first linkage member is configured to be attached to the machine at a first distal end of the first linkage member. The second linkage member having a first distal end and a second distal end configured to attach to a second distal end of the first linkage member and the lamp assembly respectively. The second distal end of the first linkage member includes a first set of fastener pattern being structured and arranged relative to a second set of fastener pattern on the first distal end of the second linkage member to selectively position the second linkage member relative to the first linkage member in at least two alternative positions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1407/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONFIGURING CELLS FOR REDUCING A SINGALING LOAD

(51) International classification	:H03G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:NA	Address of Applicant :KARAPORTTI 3, FI - 2610 ESPOO,
(33) Name of priority country	:NA	FINLAND,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HOEHNE, HANS THOMAS
(87) International Publication No	: NA	2)CHANDRASHEKAR, SUBRAMANYA
(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 apparatus can be configured to perform the steps of receiving transmissions in a first multi-frequency multi-cell configuration. The first multi-frequency multi-cell configuration comprises a first cell group and a second cell group. The method also includes receiving transmissions in a second multi-frequency multi-cell configuration. The second multi-frequency multi-cell configuration comprises the first cell group and a third cell group. A cell offset between the first cell group and the second cell group is less than a first amount. A cell offset between the first cell group and the third cell group is less than a second amount. The first cell group comprises a time-reference cell in both the first multi-frequency multi-cell configuration and the second multi-frequency multi-cell configuration.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1672/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MODIFYING THE GESTURES WHILE PERFORMING AN ACTIVITY

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ADEPT ENGINEERS

Address of Applicant :538/1, MAHALWARA HOUSE, NEW
RAILWAY ROAD GURGAON - 122001, INDIA; Haryana

(72)Name of Inventor :

1)MITRA, SAUGAT

2)KATARIA, ARUN

(57) Abstract :

The present invention provides methods and systems for iteratively modifying human gestures during an activity. The methods and systems include a plurality of sensors (102) configured to capture a plurality of pre-defined gestures of a first user (108). Further, the plurality of pre-defined gestures is captured in a field of view (110) of the plurality of sensors. In addition, the processor configured to process the plurality of pre-defined gestures, generates a log table pertaining to at least one of the plurality of pre-defined gestures and prepares a comparison table (702) by comparing a log table of the at least one of the plurality of the pre-defined gestures with a reference table. The reference table is associated with at least one of an associated captured pre-defined gesture of a second user. The first user (108) modifies the pre-defined gestures based on a feedback construed from the comparison table (702).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1674/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANIMAL CARRIER FOR TRANSPORTING ANIMALS ONBOARD A VEHICLE

(51) International classification

:A01K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FRANK REGINHARD

Address of Applicant :HOUSE NO 60, SECTOR-14,
GURGOAN, INDIA Haryana

(72)Name of Inventor :

1)FRANK REGINHARD

(57) Abstract :

A method and an apparatus for transporting animals onboard a vehicle, particularly in the passenger cabin of the vehicle, wherein there is a separate arrangement in the form of an animal carrier for the placing the caged animals in the passenger cabin. The animal carrier includes a plurality of features, including but not limited to ventilation system, monitoring system, camera surveillance, sound-proofing etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.225/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLANAR COMPOSITE WITH LAYERS OF PLASTIC OF DIFFERENT VICAT SOFTENING TEMPERATURES

(51) International classification :B32B27/10,B32B7/02,B32B27/32
(31) Priority Document No :10 2011 108 402.2
(32) Priority Date :26/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003094
Filing Date :23/07/2012
(87) International Publication No :WO 2013/013801
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIG TECHNOLOGY AG
Address of Applicant :Laufengasse 18 CH 8212 Neuhausen
Switzerland
(72)Name of Inventor :
1)WOLTERS Michael

(57) Abstract :

The present invention generally relates to a sheetlike composite (3) comprising a layer configuration with at least the following layers: i. a first layer of thermoplastic KSu (13); ii. a carrier layer (4); iii. a barrier layer (5); iv. a second layer of thermoplastic KSw (7); wherein the sheetlike composite has at least one further layer of thermoplastic KSv (35); wherein the Vicat softening temperature of the layer of thermoplastic KSu (13) is higher than the Vicat softening temperature of the layer of thermoplastic KSw (7). The present invention furthermore relates to a process for the production of the sheetlike composite a container surrounding an interior which comprises at least one such sheetlike composite and a process for the production of this container.

No. of Pages : 60 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1713/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOCK/FLOATING MARKER BAND OF PUSHER WIRE FOR SELF-EXPANDING STENTS OR MEDICAL DEVICES

(51) International classification	:A61F2/95	(71)Name of Applicant :
(31) Priority Document No	:13/158,223	1)MICRUS ENDOVASCULAR CORPORATION
(32) Priority Date	:10/06/2011	Address of Applicant :821 FOX LANE, SAN JOSE, CA
(33) Name of priority country	:U.S.A.	95131, UNITED STATES OF AEMRICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)EUGENE YOUNG
(87) International Publication No	: NA	2)CHUNG HAO YEH
(61) Patent of Addition to Application Number	:NA	3)CHRISTOPHER G.M. KEN
Filing Date	:NA	4)THU ANH HO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for deploying and retrieving a self-expanding intravascular stent includes an intravascular delivery wire and floating marker band movably retained over the intravascular stent delivery wire and releasably mounting the self-expanding intravascular stent. The floating marker band is movably retained to a fixed marker band, and a distance between the fixed marker band and the floating marker band is variable and self-adjusting. One or more struts of the self-expanding intravascular stent are releasably constrained between a catheter wall and one or more sides of the floating marker band.

No. of Pages : 22 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1713/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR THE SEPARATION OF SOLIDS AND LIQUIDS

(51) International classification	:B01D37/00, B01D29/11
(31) Priority Document No	:11/277,073
(32) Priority Date	:21/03/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/004121
Filing Date	:13/02/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8848/DELNP/2008
Filed on	:21/10/2008

(71)**Name of Applicant :**
1)BP CORPORATION NORTH AMERICA INC.
Address of Applicant :4101 Winfield Road, Warrenville,
Illinois 60555, United States of America

(72)**Name of Inventor :**
1)WILSAK, Richard A.
2)ROBERTS, Scott, A.
3)COMSTOCK, Dean, B.
4)STEFANSKI, Ronald, D.

(57) Abstract :

A filter column apparatus comprising a filtration zone and a reslurry zone. These zones are separated by a barrier wall or are in substantial cooperation with each other. Also disclosed is a process for separating at least a portion of at least one substantially solid component from a solid-liquid stream comprising the substantially solid component and at least one substantially liquid component. Also disclosed is a process for forming a substantially solids containing packed bed. Also disclosed is a process for purifying paraxylene in a filtration zone.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1786/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR TREATING HBV

(51) International classification	:A61K31/713, C12N5/10,
(31) Priority Document No	:60/750,036
(32) Priority Date	:13/12/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/047617
Filing Date	:13/12/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5094/DELNP/2008
Filed on	:12/06/2008

(71)Name of Applicant :

1)SPRING BANK

Address of Applicant :113 Cedar Street, Suite S-7, Milford,
MA 01757, United States of America

(72)Name of Inventor :

1)RADHAKRISHNAN P. IYER

2)SEETHARAMAIYER PADMANABHAN

(57) Abstract :

A method for treating HBV in a subject in need thereof comprising administering to said subject a therapeutically effective amount of a pronucleotide according to Formula (I):

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1788/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOSITES AND METHODS FOR THE MANUFACTURE AND USE THEREOF

(51) International classification	:A61L27/44, A61L31/12
(31) Priority Document No	:60/647,079
(32) Priority Date	:26/01/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/002336
Filing Date	:25/01/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6049/DELNP/2007
Filed on	:25/01/2006

(71)**Name of Applicant :**
1)SOUTHERN RESEARCH INSTITUTE
Address of Applicant :2000 NINTH AVENUE, SOUTH P.O.
Box 55305, Birmingham, Alabama 35205, USA
(72)**Name of Inventor :**
1)BROWN Scott Crombie
2)CAIN Andrew Wayne
3)THOMPSON Randell Lyle

(57) Abstract :

Described herein are composites that are relatively lightweight, high strength and low thermal conductivity. Also described herein are methods for the manufacture and use thereof of the composites.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2209/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A GRAPHITE ELECTRODE FOR USE IN A MALE-FEMALE ELECTRODE JOINT

(51) International classification :H05B7/085,
H05B7/06

(31) Priority Document No :10/830,618

(32) Priority Date :23/04/2004

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

(86) International Application No :PCT/US05/002870

Filing Date :01/02/2005

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :6107/DELNP/2006

Filed on :19/10/2006

(71)Name of Applicant :

1)UCAR CARBON COMPANY, INC

Address of Applicant :12900 Snow Road Parma OH 44130

U.S.A.

(72)Name of Inventor :

1)Robert E. Smith

(57) Abstract :

A graphite electrode for use in a male-female electrode joint, comprising a male tang having a ratio of male tang length to diameter of the electrode of at least about 0.60.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2278/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELECTROCHEMICAL DEVICE COMPRISING A GEL POLYMER ELECTROLYTE

(51) International classification	:C08K5/00, H01M10/0525, :10-2006- 0092597
(31) Priority Document No	:25/09/2006
(32) Priority Date	:Republic of Korea
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1572/DEL/2007
Filed on	:26/07/2007

(71)Name of Applicant :

1)LG CHEM LTD.

Address of Applicant :20 Yoido-dong Youngdungpo-gu
Seoul 150-721 Republic of Korea

(72)Name of Inventor :

1)SUYOUNG RYU

2)EUN YOUNG KIM

3)JOO-HWAN SUNG

4)DONGMYUNG KIM

(57) Abstract :

An electrochemical device comprising a gel polymer electrolyte, wherein the gel polymer electrolyte comprising a diacrylamide compound as a precursor for formation of a crosslinked polymer which is formed by crosslinking of a diacrylamide monomer and/or oligomer; wherein the diacrylamide compound is a monomer represented by Formula I or an oligomer thereof-wherein R and R2 are each independently hydrogen or an unsubstituted or substituted C1-C6 alkyl, and R1 and R2 may be taken together to form a saturated or unsaturated ring; and n is an integer of 0 to 4, and a direct bond is formed if n is 0.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2278/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIPIDS, LIPID COMPLEXES AND USE THEREOF

(51) International classification	:C12N15/11, C07C237/22
(31) Priority Document No	:04010700.5
(32) Priority Date	:05/05/2004
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2005/004920
Filing Date	:06/05/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6520/DELNP/2006
Filed on	:03/11/2006

(71)**Name of Applicant :**
1)Silence Therapeutics AG
Address of Applicant :Robert-Rssle-Str. 10, D-13125 Berlin,
Germany
(72)**Name of Inventor :**
1)KEIL, Oliver
2)KAUFMANN, Jrg

(57) Abstract :

The present invention is related to a compound according to formula (I), wherein R1 and R2 are each and independently selected from the group comprising alkyl; n is any integer between 1 and 4; R3 is an acyl selected from the group comprising lysyl, ornithyl, 2,4-diaminobutyryl, histidyl and an acyl moiety according to formula (II), wherein m is any integer from 1 to 3 and YE is a pharmaceutically acceptable anion.

No. of Pages : 98 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1690/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : FORCED AIR CIRCULATION FOR AN AFTERTREATMENT MODULE

(51) International classification	:F01N3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CATERPILLAR GLOBAL MINING EXPANDED
(32) Priority Date	:NA	PRODUCTS PTY LTD.
(33) Name of priority country	:NA	Address of Applicant :20 KULLARA CLOSE, BERESFIELD,
(86) International Application No	:NA	NEW SOUTH WALES 2322 AUSTRALIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARANI, RAJESH
(61) Patent of Addition to Application Number	:NA	2)SABIBULLAH, MOHAMED IBRAHIM
Filing Date	:NA	3)PODIYANAGASWAMY, VENKATRAMAN
(62) Divisional to Application Number	:NA	4)BOURGOIN, GUILLAUME
Filing Date	:NA	5)OTHMAN, JEFFERY MOHAMED

(57) Abstract :

A cooling system for an aftertreatment module mounted within an enclosure is provided. The cooling system includes a source of forced air in fluid communication with the enclosure. At least one duct is provided in conjunction with the source of forced air. The at least one duct is configured to direct at least a portion of the forced air from the source of forced air towards a first component of the aftertreatment module. A remaining portion of the forced air that was not directed towards to the first component is directed towards a second component of the aftertreatment module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1961/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A RP-HPLC METHOD FOR IDENTIFICATION AND QUANTIFICATION OF -SITOSTEROL IN CYNODON DACTYLON

(51) International classification	:C07B59/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOLANKI RENU
(32) Priority Date	:NA	Address of Applicant :DIRECTOR, LACHOO MEMRRORIAL
(33) Name of priority country	:NA	COLLEGE OF SCIENCE & TECHNOLOGY, SECTOR A,
(86) International Application No	:NA	SHASTRI NAGAR, JODHPUR, RAJASTHAN. India
Filing Date	:NA	2)NAGORI BADRI PRAKASH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SOLANKI RENU
Filing Date	:NA	2)NAGORI BADRI PRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a simple, accurate, specific, sensitive and precise RP-HPLC method for the estimation of P-sitosterol in the Cynodon dactylon. The method of the present invention is validated as per the ICH guideline. The method comprising the steps of preparing the standard solution of P-sitosterol and the sample solution of Cynodon dactylon extract, running the standard solution and sample solution into the HPLC system. RP-HPLC was carried out using acetonitrile: methanol (80:20) v/v as the mobile phase at 202 nm wavelength and 1 ml/min flow rate using C-18 column of particle size 5 um, inner diameter 4.6 mm and 250 mm length. The present invention also relates to novel method for standardization of Cynodon dactylon.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1962/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : R.A.F.T. RIZWAN'S AND AMITY'S FOOT PUMP TECHNOLOGY

(51) International classification	:A63B22/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHD RIZWAN JAFAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the water pumping device based on a pendulum which also generates power using human effort. Input effort is given by the user on one of the rocker and in response to which the other rocker i.e. the pendulum moves. To provide input torque there are two methods. First method is to give a gentle push by hand or leg. The second method is by pneumatic or hydraulic system. The pneumatic or hydraulic system which compresses fluid or gas is actuated by bulls/donkeys. Animals actuate the compressor by rotating it. While pumping, force is not applied by hand, but by feet whilst sitting on a chair. The work is obtained in both the strokes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : POWER LINE COMMUNICATION APPARATUS INCLUDING AC POWER SOCKET

(51) International classification	:H04N
(31) Priority Document No	:11 000 956.0
(32) Priority Date	:07/02/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, 108-0075 JAPAN
(72)**Name of Inventor :**
1)ANDREAS SCHWAGER

(57) Abstract :

A power line communication apparatus (200) includes a mains power connector assembly (210) with three or more first connectors (211) connectable to a mains distribution network. A mains filter (220) provides a filter path between each of its first ports (221) and a corresponding one of second ports (222), wherein each first port (221) is connected to one of the first connectors (211). Each second port (222) is connected to one of three or more second connectors (282) of an AC power socket (280). A power line communication unit (250) is connected with each of the first ports (221) and transmits and/or receives data according to a transmission method using more than one transmission channel between two devices connected via the mains distribution network. The mains filter (220) improves PLC transmission quality by suppressing disturbances generated by the appliances and reduces PLC stray radiation.

No. of Pages : 15 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.268/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE, SYSTEM AND METHOD OF AN INTERFACE CONNECTOR

(51) International classification	:B23B
(31) Priority Document No	:13/022808
(32) Priority Date	:08/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.
(72)**Name of Inventor :**
1)COHEN, MITCHELL DEAN

(57) Abstract :

Embodiments of the invention described herein a device, method and system of connecting a first circuit board (102) and a second circuit board (104) using an interface connector (100). In one aspect, an interface connector (100) is described that is comprised of a casing (202) and a plurality of electrically conductive connectors (204) insulated from one another within the casing (202). Each connector (204) has a first end (302) and a second end (304), wherein the first end (302) connects to a first circuit board (102) and the second end (304) connects to a second circuit board (104). The plurality of connectors (204) form a first row (404) and a second row (406) of the interface connector (100). The first row (404) is comprised of evenly-numbered connectors (204) and the second row (406) is comprised of odd-numbered connectors (204). The plurality of connectors (204) are assigned as follows: connectors 1-4, 13-18, 43-61, 68-71, 77, 78, 79, 80, 84, 86, 92 and 94-120 provide electrical paths for general circuit connections between the first circuit board (102) and the second circuit board (104); connectors 41, 42, 62-67, 72-75 and 81 provide electrical paths for host processor connections between the first circuit board (102) and the second circuit board (104); and connectors 5-12, 19-40, 76, 82, 83, 85, 87-91 and 93 provide electrical paths for field programmable gate array (FPGA) connections between the first circuit board (102) and the second circuit board (104).

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1656/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLUG AND LIGHT SYSTEM

(51) International classification	:H01R, H01T	(71) Name of Applicant : 1)VIBHOR JAIN
(31) Priority Document No	:NA	Address of Applicant :F-6, GEETANJALI ENCLAVE, NEW
(32) Priority Date	:NA	DELHI-110 017. India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)VIBHOR JAIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a plug and light system where in there is wall plate having connectors to enable the flow of electricity & receiving plate with connectors which are attached with lamp holder with the wires. The wall plate is attached with wall and receiving plate is fixed in the light fixture. The protrusion slots are provided in wall plate and sliding slot in light fixture to attach them for the engagement of connectors of wall plate with connector of receiving plate. In case of keyhole slot and pins arrangement the key hole slots are provided in wall plate and pins in light fixture to attach them for the engagement of connectors of wall plate with connector of receiving plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2307/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 10/07/2015

(54) Title of the invention : GROUNDING PLATE AND CABINET BORY USING THE SAME

(51) International classification	:G03G 15/00
(31) Priority Document No	:200910211948.0
(32) Priority Date	:04/12/2009
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)GAO; JI
2)REN; ZHONG BAO

(57) Abstract :

The invention relates to a grounding plate comprises a base part, a connecting part, an extending part, a first contacting part and a second contacting part, wherein, said connecting part, extending part and second contacting part form a semi-closed space, and said connecting part, extending part and first contacting part exhibit approximately a Z-shape; said first contacting part in provided with at least one round hole, and the end of said second contacting part is provided with at least one arc groove formed along its extending direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR PRODUCING A DECALIN ALCOHOL •

(51) International classification	:C07C13/50,
(31) Priority Document No	:2005-178217
(32) Priority Date	:29/06/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/313015
Filing Date	:29/06/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7653/DELNP/2007
Filed on	:05/10/2007

(71)**Name of Applicant :**
1)KAO CORPORATION
Address of Applicant :of 14-10, Nihonbashikayabacho 1-chome, Chuo-ku, Tokyo, 103-8210, Japan
(72)**Name of Inventor :**
1)NAOTOSHI TOKI
2)KOSAU ISHIDA
3)KAZUYUKI FUKUDA

(57) Abstract :

A method for producing a decalin alcohol represented by formula (1): said method comprising: decarbonylating a hemiacetal compound represented by formula (2) or an aldehyde compound represented by formula (3), or a combination thereof.

No. of Pages : 46 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYNERGISTIC NANOBIOFORMULATION USEFUL AS INSECT CONTROL AGENT AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PATHIPATI USHA RANI
(61) Patent of Addition to Application Number	:NA	2)JOISH MADHUSUDHANAMURTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a synergistic nanobioformulation comprising trans-caryophyllene along with silica nanoparticles for controlling agricultural pests like Spodoptera litura (F.) and Achaea Janata (L). The potential of the said nanobioformulation was evaluated against said insects on the plant or plant parts (leaves) to detect their antifeedant and insecticidal activities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR FABRICATING STRAINED SILICON-ON-INSULATOR STRUCTURES

(51) International classification	:H01L27/12, H01L29/786
(31) Priority Document No	:10/814,482
(32) Priority Date	:31/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/051319
Filing Date	:22/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6382/DELNP/2006
Filed on	:22/03/2005

(71)**Name of Applicant :**
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road, Armonk, New York 10504, USA
(72)**Name of Inventor :**
1)FURUKAWA Toshiharu
2)KOBURGER III Charles William
3)SLINKMAN James Albert

(57) Abstract :

A silicon-on-insulator (SOI) device and structure having locally strained regions in the silicon active layer formed by increasing the thickness of underlying regions of a buried insulating layer separating the silicon active layer from the substrate. The stress transferred from the underlying thickened regions of the insulating layer to the overlying strained regions increases carrier mobility in these confined regions of the active layer. Devices formed in and on the silicon active layer may benefit from the increased carrier mobility in the spaced-apart strained regions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2690/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPLEMENTARY CNTFET BASED A NOVEL TERNARY AND QUATERNARY LOGIC GENERATOR ON 32NM TECHNOLOGY.

(51) International classification	:B82Y, H03K	(71)Name of Applicant : 1)DR. RAJIV KAPOOR Address of Applicant :QUARTER NO. 3, TYPE-5, DELHI TECHNOLOGICAL UNIVERSITY, DELHI. India 2)DR. MANISH KUMAR SAINI 3)UMESH
(31) Priority Document No	:NA	(72)Name of Inventor : 1)DR. RAJIV KAPOOR 2)DR. MANISH KUMAR SANI 3)UMESH
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is about a single novel circuit design, which can be used to derive (decode) ternary and quaternary logic from binary logic. The beauty of this novel design is that this circuit can be used for both ternary and quaternary generation, by application of two different biasing potential. Previous designs for generation of ternary and quaternary logic from binary logic uses complex circuit, higher silicon area and higher power. The given design takes binary logic input from the substrate (also called body) terminal of the CNTFETs, thus the circuit can be termed as body-driven design. The circuit looks like CMOS (complementary MOS) inverter; hence we can call it a CCNTFET (complementary carbon nanotube field effect transistor) design.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1430/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ALUMINIUM ALLOY SACRIFICIAL ANODE FOR HIGH STRENGTH STEELS AND COPPER ALLOYS

(51) International classification

:C23F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :MINISTRY OF DEFENCE, GOVT, OF INDIA. ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110011 India

(72)Name of Inventor :

1)KOLI; PRAKASH MAHADEO

2)GURUSWAMY GUNASEKARAN

3)SAVANT; VIVEK ANANT

4)KUMAR AMIT

5)SINGH; SHAILESH KUMAR

6)NA

7)NA

(57) Abstract :

The present invention provides aluminum alloy sacrificial anodes for cathodic protection of structures fabricated using either stainless steel or copper alloys or both stainless steel and copper alloy in marine environment. More particularly the present invention relates to low voltage aluminum alloy sacrificial anodes with magnesium, manganese and silicon as alloying elements for achieving desired operating potential for cathodic protection of structures fabricated using either stainless steel and/or copper alloys in marine environment.

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

(54) Title of the invention : LENS HAVING AN EXTENDED FOCAL RANGE

(51) International classification :G02B27/00,G02C7/06,A61F2/16
 (31) Priority Document No :10 2011 114 752.0
 (32) Priority Date :29/09/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/004026
 Filing Date :26/09/2012
 (87) International Publication No :WO 2013/045079
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CARL ZEISS AG
 Address of Applicant :Carl Zeiss Strasse 22 73447
 Oberkochen Germany
 (72)Name of Inventor :
1)DOBSCHAL Hans J¼rgen

(57) Abstract :

The invention relates to a lens (5) having an extended focal range, wherein the lens (5) consists of a transparent material and has two optical surfaces (2, 4), wherein the lens (5) has a refractive power distribution F . According to the invention, the refractive power distribution F of the lens (5) changes relative to a plane perpendicular to the optical axis (10) as a function of the radial height r and the azimuth angle ϕ of the aperture between a calculated basic value of the refractive power F lens not equal to zero and a maximum value $F_{\text{spiral max}}(r, \phi)$. The refractive power distribution thus results computationally as $F(r, \phi) = F(r) + F(r, \phi)$, with the spiral refractive power component $F(r, \phi) = F(r) \cdot w(\phi)$, wherein $F_{\text{spiral max}}(r, \phi)$ is non-linearly radius-dependent and $w(\phi)$ is a factor for the refractive power component with a spiral profile. Furthermore, the calculated basic value of the refractive power F lens is divided into a refractive power of a refractive basis System F_{basis} and into a structure-type refractive power $F_{\text{structure}}$, wherein the following holds true: $F(r) = F_{\text{basis}} + F_{\text{structure}}$. The spiral refractive power component F_{spiral} and the structure-type refractive power component $F_{\text{structure}}$ are added and form a spiral and structure-type additional refractive power $F(r, \phi) = F_{\text{basis}} + F(r) \cdot w(\phi)$, which is added to the refractive power of the basis System F_{basis} , such that the total refractive power of the lens (5) results as $F(r, \phi) = F_{\text{basis}} + F(r, \phi)$.

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.177/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : CEMENTING COMPOSITIONS COMPRISING CEMENT KILN DUST, VITRIFIED SHALE, ZEOLITE, AND/OR AMORPHOUS SILICA UTILIZING A PACKING VOLUME FRACTION, AND ASSOCIATED METHODS

(51) International classification	:E21B33/14, E21B33/13
(31) Priority Document No	:11/484,951
(32) Priority Date	:12/07/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2006/003696
Filing Date	:04/10/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:152/DELNP/2009
Filed on	:09/01/2009

(71)Name of Applicant :

1)HALLIBURTON ENERGY SERVICES, INC.

Address of Applicant :P. O. Box 1431, Duncan, OKLAHOMA 73533, U.S.A.

(72)Name of Inventor :

1)RODDY, Craig, W.

2)COVINGTON, Ricky, L

3)CHATTERJI, Jiten

(57) Abstract :

Cementing compositions are provided that comprise water, cement kiln dust, vitrified shale, zeolite, and/or amorphous silica, that utilize a packing volume fraction such that the solid particulate materials of the fluid are in a hindered settling state. Methods of cementing are provided that utilize compositions comprising water, cement kiln dust, vitrified shale, zeolite, and/or amorphous silica, that utilize a packing volume fraction such that the solid particulate materials of the fluid are in a hindered settling state.

No. of Pages : 18 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2692/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SHUNT BREAKING SYSTEM

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, 92500
(33) Name of priority country	:NA	RUEIL MALMAISON, FRANCE;
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHUSHAN B. KUMBALWAR
(87) International Publication No	: NA	2)DEEPAK RAORANE
(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 for a vacuum circuit interrupter device for a medium voltage switching apparatus such that the device is designed to generate a parallel or secondary circuit within the said apparatus where the operating linkage included in the said device allows the vacuum interrupter to be placed at any desirable position based on the available space within the said switching device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SLOWLY MOUTH SALIVA DISSOLVING FLUCONAZOLE TABLET FOR BOTH LOCAL AND SYSTEMIC ACTION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TULSHI CHAKRABORTY
(32) Priority Date	:NA	Address of Applicant :MAHARISHI MARKANDESHWAR
(33) Name of priority country	:NA	UNIVERSITY, MULLANA, AMBALA (HARYANA)-133207
(86) International Application No	:NA	India
Filing Date	:NA	2)VIPIN SAINI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)TULSHI CHAKRABORTY
Filing Date	:NA	2)VIPIN SAINI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a slowly mouth saliva dissolving tablet comprising fluconazole which has superior buccal mucosal flux properties, which may be used for the treatment of oropharyngeal and esophageal candidiasis (oral candidiasis) of HIV and non HIV patients, cancer patients of fungal infection. Therefore, the slowly mouth saliva dissolving fluconazole tablet, by wet granulation method in the invention is able to continuously and stably release drug in during a long time, as well as maintain effective and safe drug concentration, unit dosage form and for both local and systemic action.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR WATERMARKING OF DIGITAL MEDIA WITH ENCRYPTED BIOMETRIC IMAGES.

(51) International classification	:G01F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP. India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. M.K. DUTTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to method and system for digital watermark generation where biometric image of fingerprint is encrypted using Arnold transformation. This encrypted biometric image is used as watermark for watermarking digital media. The present invention keeps the biometric data secure and establishes the ownership of digital signals.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1404/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL SYSTEM TO REDUCE IGNITION DELAY IN DIESEL ENGINE BY INTRODUCING ELECTROMAGNETIC WAVES GENERATED IN PLASMA

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)R.K. TYAGI
(87) International Publication No	: NA	2)R.S. PANDEY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and system to reduce ignition delay, increase the efficiency and smoothness of diesel engine by introducing electromagnetic waves generated in plasma into the combustion chamber. The system increases turbulence, temperature and pressure of compressed air in combustion chamber with the help of velocity and energy of electromagnetic waves and plasma species thereby reducing the ignition delay of the diesel engine.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1661/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ONE STEP PROCESS FOR REGIOSELECTIVE SYNTHESIS OF α -ACYLOXY CARBONYLS

(51) International classification	:C07D, C07J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110001, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARUMUGAM SUDALAI
(87) International Publication No	: NA	2)RAMBABU REDDI
(61) Patent of Addition to Application Number	:NA	3)PUSHPA MALEKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A regioselective N-Heterocyclic Carbene (NHC) catalyzed one step process for high yield synthesis of α -acyloxy carbonyl compounds is disclosed.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1662/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOL-GEL SYNTHESIZED WO₃/SiO₂ CATALYSTS FOR NITRATION OF AROMATICS

(51) International classification

:B01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA

(72)Name of Inventor :

1)SHUBHANGI BHALCHANDRA UMBARKAR

2)MOHAN KERABA DONGARE

3)ANKUSH VENKATRAO BIRADAR

4)ATUL BALASAHEB KULAL

5)TRUPTI VYANKATESH KOTBAGI

6)ASHVINI RAMESH BHOSALE

7)MACCHINDRA GULABRAO CHANDGUDE

(57) Abstract :

The present invention discloses an improved process for the liquid phase nitration of aromatic compounds catalyzed by WO₃ supported on mesoporous silica support, at low temperature, with high conversion and selectivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1950/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSPORT PROTEIN WHICH IS USED TO INTRODUCE CHEMICAL COMPOUNDS INTO NERVE CELLS

(51) International classification	:C07K14/33
(31) Priority Document No	:10 2004 043 009.8
(32) Priority Date	:06/09/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/009554
Filing Date	:06/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2152/DELNP/2007
Filed on	:20/03/2007

(71)**Name of Applicant :**
1)SYNTAXIN LIMITED
Address of Applicant :Units 4-10 The Quadrant, Barton Lane,
Abingdon, Oxfordshire OX14 3YS, United Kingdom
(72)**Name of Inventor :**
1)RUMMEL, Andreas

(57) Abstract :

The invention relates to a transport protein which can be obtained by modifying the heavy chain of the neurotoxin formed by Clostridium botulinum. The protein binds specifically to nerve cells with a higher affinity as the native neurotoxin. The invention also relates to a method for the production of transport protein, the nucleic acids coding for the transport protein, the transport protein containing pharmaceutical and cosmetic compositions and use thereof.

No. of Pages : 37 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2695/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL HETEROCYCLIC ANGIOTENSIN II RECEPTOR ANTAGONISTIC COMPOUND AND METHOD OF PREPARATION THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NEERUPMA DHIMAN
(61) Patent of Addition to Application Number	:NA	2)NIKHIL TAXAK
Filing Date	:NA	3)SHYAM SUNDER AGRAWAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the new synthetic compound with different heterocyclic rings having angiotensin II receptor antagonist/ antagonistic activity and a method of preparation thereof. The present invention provides novel nonpeptide angiotensin II receptor blockers for the treatment of renal hypertension and a method for the preparation of novel compounds with different heterocyclic rings having angiotensin II receptor activity which is easy and cost effective in nature. The present synthetic compound is non-peptide in nature and can block or antagonize the action of angiotensin II receptors with improved efficacy and safety.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1429/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR DISPOSABLE AND DISPERSIBLE EXPLOSIVE DETECTION

(51) International classification	:C06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT, OF
(86) International Application No	:NA	INDIA. ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
Filing Date	:NA	MARG, NEW DELHI 110105 India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAYAK, SATISH RAMDAS
Filing Date	:NA	2)ROY, RENY MAMMEN
(62) Divisional to Application Number	:NA	3)SINHA, RABINDRA KUMAR
Filing Date	:NA	4)BHATTACHARYA, BIKASH

(57) Abstract :

The present invention relates to a method and utility device for detecting explosives selected from inorganic nitrates like ammonium nitrate (AN), chlorates, nitramines like cyclo trimethylene trinitramine (RDX), Her Majestys Explosive (HMX), tetryl (CE), nitrate esters like pentaerythritol tetranitrate (PETN), nitro compounds like trinitrotoluene (TNT) plastic explosives like Semtex, TATB and combinations thereof. It also relates to two variants of explosive detection kit viz, a readily portable miniaturized disposable drop type variant and a dispersible spray type variant.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1698/DEL/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR THE ENANTIORESOLUTION OF RACEMIC DRUGS

(51) International classification	:C07C405/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANT, SHALINI, JOSHI
(32) Priority Date	:NA	Address of Applicant :773 MAHAVEER ENCLAVE,
(33) Name of priority country	:NA	ROORKEE-UTTARAKHAND 247667 INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PANT, SHALINI, JOSHI
(87) International Publication No	: NA	2)SHARMA, AMRITA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of enantiomeric separation. Particularly, the invention provides a thin layer chromatography based separation process for the separation of an analyte. The process is advantageously rapid, effective and economical which enables the separation of an analyte, present in an ultralow concentration of about 2µg in a test sample. The analyte may be an organic compound or inorganic compound or isomer of a racemic drug. The invention also extends to provide a solvent to be used as a mobile phase in a thin layer chromatography process, thereby facilitating the effective separation or resolution of an analyte which is present in a low concentration in a test sample and a separation kit comprising said solvent.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : TILT ROTOR AIRCRAFT WITH FIXED ENGINE ARRANGEMENT

(51) International classification	:B23B
(31) Priority Document No	:61/439,547
(32) Priority Date	:04/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BELL HELICOPTER TEXTRON INC.
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TEXAS - 76101, UNITED STATES U.S.A.

(72)**Name of Inventor :**
1)ISSAC, MARK, L.
2)ELLIOTT, DAVID, A.
3)ROSS, BRENT, C.

(57) Abstract :

The system of the present application includes an engine and pylon arrangement for a tilt rotor aircraft in which the engine is fixed in relation to a wing portion of the aircraft, while the pylon is rotatable. The pylon supports a rotor hub having a plurality of rotor blades. Rotation of the pylon allows the aircraft to selectively fly in a helicopter mode and an airplane mode, as well as any combination thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : PREPARATION AND ANTIMALARIAL ACTIVITY OF NOVEL QUINOLINE DERIVATIVES

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH**

Address of Applicant :ANUSANDHAN BHAWAN, RAFI
MARG, NEW DELHI - 110 001, INDIA

(72)Name of Inventor :

1)KATTI SETURAM BANDHACHARYA

2)HAQ WAHAJUL

3)SRIVASTAVA KUMKUM

4)PURI SUNIL KUMAR

5)SINHA MANISH

6)SONI AWAKSH

7)SRIVASTAVA RAJEEV KUMAR

(57) Abstract :

The present invention relates to the development of process for the preparation of to C4 (R)-and (S)-N1,N1-diethylpentane-1,4-diamine and its use for the synthesis of C4 (R) and (S) chloroquine of formula-1 ((R)-N4-(7-chloroquinolin-4-yl)-N1,N1-diethylpentane 1,4-diamine and (S)-N4-(7-chloroquinolin-4-yl)-N1,N1-diethylpentane-1,4-diamine) as well as their derivatives of the formula 2 as potential antimalarial and antiparasitic agents.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.271/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR SYNTHESIS OF POTASSIUM PERFLUOROALKANE SULFONATE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SRF LIMITED
(32) Priority Date	:NA	Address of Applicant :BLOCK-C, SECTOR 45, UNICREST
(33) Name of priority country	:NA	BUILDING, GURGAON, HARYANA (INDIA)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IYENGAR, SARATHY
(87) International Publication No	:NA	2)KUMAR, PRASANNA
(61) Patent of Addition to Application Number	:NA	3)VARDARAJ
Filing Date	:NA	4)REDDY, CHANDRASEKHAR
(62) Divisional to Application Number	:NA	5)KUMAR, RAVI
Filing Date	:NA	6)SAXENA, RAHUL

(57) Abstract :

An improved process for synthesis of potassium perfluoroalkane sulfonate of general formula $C_nF_{2n+1}SO_3K$ where n is an integer from 1 to 3, the process comprising subjecting alkanesulfonyl chloride to halogen exchange reaction with aqueous KF followed by electrochemical fluorination to obtain product gas containing perfluoroalkanesulfonyl fluoride; absorbing the product gas in aqueous solution of potassium hydroxide to obtain scrubbed mixture; distilling the scrubbed mixture azeotropically using toluene as a solvent to remove water, to obtain a slurry; mixing acetone to the slurry followed by filtration; separating solid KF which can be recycled again; and distilling the filtrate to separate acetone, toluene and potassiumperfluoroalkane sulfonate. The present process is economical as it results in the product containing less amount of impurities such as chloride, fluoride and sulfate ions and the potassium fluoride obtained as a byproduct can be recycled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM TO GENERATE ELECTRICITY FROM SEA WAVE

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANDEEP KUMAR JAISWAL
(32) Priority Date	:NA	Address of Applicant :C/O THE MEDICAL SERVICE,
(33) Name of priority country	:NA	TOWN + PO BUS STATION ROAD, GAURI BAZAR, DIST.
(86) International Application No	:NA	DEORIA, U.P. PIN-274202 INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANDEEP KUMAR JAISWAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a system to generate electricity from sea waves comprising an inclined platform mounted with a plurality of channels and openings, wherein a dam is positioned adjacent to the ramp for collecting water, which is used to generate electricity. I t is associated with the following advantageous features:- - Pollution free. - Cost effective. - Efficient. - Simple in construction. - Uses natural source of energy which is available as abundance. - Self functioning system.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTROL OF COMBUSTION SYSTEM EMISSIONS

(51) International classification :F23J15/02,F23J7/00,B02C23/18
(31) Priority Document No :13/135440
(32) Priority Date :05/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045540
Filing Date :05/07/2012
(87) International Publication No:WO 2013/006694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLEARCHEM DEVELOPMENT LLC
Address of Applicant :2360 Corporate Circle Suite 400
Henderson Nevada 89074 U.S.A.
(72)**Name of Inventor :**
1)RADWAY Jerrold E.

(57) Abstract :

A process for capturing undesirable combustion products produced in a high temperature combustion system in which a carbonaceous fuel is utilized. Very finely sized particles of alkaline earth carbonates or hydroxides, with or without added ground ash, are provided in slurry form and are injected into the high temperature zone of a furnace. The particles flash calcine to provide substantially unagglomerated particles having a particle size of less than about 0.5 microns to capture and neutralize SO , NO , and toxic metals present in the combustion products.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2675/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PORTABLE EVAPORATIVE AIR COOLER

(51) International classification	:F24F, B05B	(71)Name of Applicant : 1)MOHD. IBRAR
(31) Priority Document No	:NA	Address of Applicant :S/O-MOHD. ISLAM DAKSHIN
(32) Priority Date	:NA	CHAMARHAIYA, BACHHRAWA, WARD NO.2,
(33) Name of priority country	:NA	RAIBARELILI-229301 (UP). India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHD. IBRAR
(87) 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 portable cooling device includes an elongated cylindrical chamber supported on a surface of water reservoir for storing the water, a fan for generating a path of air, a water pump for dispersing and recirculating water. The cylindrical chamber is covered with cooling pad and a porous water distribution tray fixed on upper top part of cylindrical chamber for proper misting of cooling pad. The water cooler has an opening to permit the water pump to draw water there from through a pipe which has unique water open/close system. Support structure supports the fan and water pump and is sized and dimensioned to cooperatively engage the water cooler. The pump pumps the liquid from the cooler in a substantially non pulsating manner, thereby providing a substantially continuous misting through porous tray. The integrated portable shape of the device fully encloses the working parts for a clean sanitary look. This cooling apparatus is also powered by 220 V AC line power although any suitable source of power may be used, for example, a DC battery, preferably a deep-cycle battery that can be charged. In this regard, a battery may be particularly useful at a campsite or athletic field where oftentimes a 220 V AC power outlet is not readily accessible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2834/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IMPLEMENTING CALLING LINE IDENTIFICATION PRESENTATION ENHANCED RESTRICTION

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MIRAKHUR, SANDEEP
(32) Priority Date	:NA	Address of Applicant :42, BIRCH COURT, NIRVANA
(33) Name of priority country	:NA	COUNTRY, SECTOR 50, GURGAON-122018, Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MIRAKHUR, SANDEEP
(87) 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 :

System for providing calling line identification enhanced restriction comprising of: at least one calling party A (CP-A), at least one receiving party B (RP-B), at least one Originating Switching Center (OSC), at least one Terminating Switching Center (TSC) having IN-SSF, at least one CLIPeR server serving as IN-SCP and hosting mapping list of the calling party (CP-A). The calls made by CP-A to RP-B are routed to TSC of RP-B via OSC, TSC enquires subscription information means for subscription status of RP-B for CLIPeR server, on receiving affirmation response from subscription information means, TSC sends the call signal to CLIPeR server through SSF, CLIPeR server checks if CP-A is on the mapping-list of RP-B, on affirmation of which CLIPeR server either restricts or modifies the CP-A call number as defined by RP-B in the mapping list, whereupon TSC present the CP-A number to the RP-B as provided by CLIPeR server.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1413/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL BIOADHESIVE AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001 INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARUMUGAM GNANAMANI
(61) Patent of Addition to Application Number	:NA	2)SELVARAJ THIRUPATHI KUMARA RAJA
Filing Date	:NA	3)THANIKACHALAM THIRU SELVI
(62) Divisional to Application Number	:NA	4)MANDAL ASIT BARAN
Filing Date	:NA	

(57) Abstract :

The present invention provides a bioadhesive product useful for application in both wet as well as dry tissue surfaces prepared using fibrousproteins. The protein was conjugated to simple bifunctional phenolics and then oxidized either with chemical or enzymatic oxidants. The resulting product acts as a resorbable adhesive and demonstrated antimicrobial property against both Gram positive and Gram negative bacteria and obviates the complications associated with surgical procedures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LATCHING APPARATUS FOR SEQUENTIALLY LATCHING AND UNLATCHING OBJECTS

(51) International classification	:B23P, G01B	(71)Name of Applicant : 1)CATERPILLAR INC.
(31) Priority Document No	:NA	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(32) Priority Date	:NA	ILLINOIS 61629-9510, U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SESHACHALAM, RAJARAJAN
Filing Date	:NA	2)GOVINDARAJ, SRINIVASAN
(87) 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 latching apparatus for sequentially latching and unlatching two objects is provided. The latching apparatus includes a cylinder attached to the first object and including a first opening, and a second opening laterally disposed to the first opening, a spring loaded piston including a circumferential wall disposed in the first opening, a shank axially extending from the piston and defining a transverse latch pin at an end thereof, and a spring loaded plunger disposed within the second opening. The wall defines a contiguous cam-groove thereon. The cam-groove includes alternating upper and lower nodal points with straight and inclined segments therebetween. The plunger slidably engages the cam-groove to co-operatively execute one or more of a translation, and a rotation of the shank such that the latch pin rotatably extends or retracts into or out of the slotted opening on the locking plate of the second object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN AEROSOLIZING DEVICE

(51) International classification :A61M11/00
(31) Priority Document No :60/559,318
(32) Priority Date :02/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/011086
Filing Date :01/04/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6183/DELNP/2006
Filed on :23/10/2006

(71)Name of Applicant :

1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTRES FOR DISEASE CONTROL AND PREVENTION

Address of Applicant :Technology Transfer Office, 4770 Buford Hwy (K79), Atlanta, GA 30341, USA

2)CREARE INCORPORATED

(72)Name of Inventor :

1)MARK J. PAPANIA

2)JAMES J. BARRY

3)MARK C. BAGLEY

4)NABIL A. ELKOUH

5)DARIN KNAUS

6)ROBERTTRABKA

(57) Abstract :

A removable aerosolizing element (16) for use in an aerosol delivery device (10) for aerosolizing an agent, comprising: a body (78) having an exterior surface and a chamber (84) defined therein; an inlet (94) defined in the body for connection to a source of agent, the inlet being in fluidic communication with the chamber; agent releasing orifices (110) defined in the body and in communication with the chamber; a movable element (106) having an inner surface that defines a portion of the chamber, the movable element being capable of moving in response to an external force applied to the exterior surface to expel agent in the chamber through the orifices; and projections (122) disposed in the chamber and maintaining a minimum spacing between the movable element and the orifices.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2255/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION •

(51) International classification	:A01P13/00
(31) Priority Document No	:60/652,292
(32) Priority Date	:11/02/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/004750
Filing Date	:10/02/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5717/DELNP/2007
Filed on	:24/07/2007

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road, Indianapolis,
Indiana 46268-1054, United States of America,
(72)**Name of Inventor :**
1)DANIEL LOUIS LOUGHNER
2)ANITA LENORA ALEXANDER
3)TOSHIYA OGAWA
4)JAMES MARKWARD BREUNINGER

(57) Abstract :

A method for controlling undesirable vegetation in turf grass, vineyards and orchards which comprises contacting the vegetation or the locus thereof with, or applying to the soil to prevent the emergence or subsequent growth of vegetation, an acerbically effective amount of penoxsulam.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2972/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUPER LOW MELT TONER HAVING SMALL MOLECULE PLASTICIZERS

(51) International classification :G03G9/135 (31) Priority Document No :14/077,024 (32) Priority Date :11/11/2013 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)XEROX CORPORATION Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 (US) U.S.A. (72)Name of Inventor : 1)WOSNICK, Jordan H. 2)ZHOU, Ke 3)FARRUGIA, Valerie M. 4)MORIMITSU, Kentaro 5)ZWARTZ, Edward G.
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(57) Abstract :

An emulsion aggregation (EA) toner includes an amorphous polymeric resin, optionally a colorant, and a small molecule crystalline organic compound having molecular weight less than 1,000 g/mol and melting point less than the fusing temperature of the EA toner, wherein a mixture of the resin and the small molecule compound is characterized by a reduction in glass transition temperature from that of the resin and by the lack of a significant solid to liquid phase transition peak for the small molecule compound as determined by differential scanning calorimetry, the enthalpy of fusion for the small molecule compound in the mixture being measured to be less than 10% of the enthalpy of fusion of the compound in pure form. Furthermore, the EA toner may be configured to have a crease fix minimum fusing temperature (MFT) less than or equal to the crease fix MFT of a benchmark ultra-low-melt emulsion aggregation toner.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1010/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PURIFICATION OF 225AC FROM IRRADIATED 226RA-TARGETS

(51) International classification :G21G4/08
(31) Priority Document No :DE 10 2006 008 023
(32) Priority Date :21/02/2006
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2007/001424
Filing Date :19/02/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6317/DELNP/2008
Filed on :18/07/2008

(71)Name of Applicant :
1)Actinium Pharmaceuticals, Inc.
Address of Applicant :Koll Corporate Center 25B Hanover
Road Florham Park, NJ 07932, USA
(72)Name of Inventor :
1)MORENO BERMUDEZ, Josue, Manuel
2)TRLER, Andreas
3)HENKELMANN, Richard
4)KABAI, Eva
5)HENGES, Ernst

(57) Abstract :

The present invention describes a method for purification of 225Ac from irradiated 226Ra-targets provided on a support, comprising a leaching treatment of the 226Ra-targets for leaching essentially the entirety of 225Ac and 226Ra with nitric or hydrochloric acid, followed by a first extraction chromatography for separating 225Ac from 226Ra and other Ra-isotops and a second extraction chromatography for separating 225Ac from 210Po and 210Pb. The finally purified 225Ac can be used to prepare compositions useful for pharmaceutical purposes.

No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1405/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC HELP CONTENT PRESENTATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
(33) Name of priority country	:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
(86) International Application No	:NA	BLUE BELL, PA 19422, USA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANOHARAN GOVINDARAJAN EARURNTHAVADI
(61) Patent of Addition to Application Number	:NA	2)ANAND KUMAR
Filing Date	:NA	3)MUHAMMED ASLAM PK
(62) Divisional to Application Number	:NA	4)LAKSHMI KRISHNA JOIS
Filing Date	:NA	

(57) Abstract :

Systems and methods are disclosed herein to a method for presenting help content for a user interface comprising: displaying, by a computer, a user interface including a help tool window; receiving, by a computer, a request to display a first user interface page; referencing, by a computer, a first help content address of help content for the first user interface page that is stored in memory; changing, by a computer, a source attribute of the help tool window to the first help content address; and refreshing, by a computer, the help tool window so that the help content for the first user interface page is displayed by the help tool window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1663/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL PYRROLE DERIVATIVES WITH SILICON INCORPORATION

(51) International classification	:C08G, C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI-110001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DUMBALA SRINIVASA REDDY
(87) International Publication No	: NA	2)NATARAJAN VASUDEVAN
(61) Patent of Addition to Application Number	:NA	3)SACHIN BHAUSAHEB WAGH
Filing Date	:NA	4)REMYA RAMESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses novel Silicon incorporated pyrrole compounds of Formula I having potential anti-bacterial properties. The invention further discloses a process for synthesis of pyrrole compounds with silicon incorporation of Formula I and to the pharmaceutical composition thereof.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1664/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHOTOSTABLE COMPOSITE OF INDIUM GALLIUM NITRIDE AND METAL OXIDE FOR SOLAR WATER SPLITTING

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA.

(72)Name of Inventor :

1)CHINNAKONDA SUBRAMANIAN GOPINATH

2)RAJA AMBAL SIVARAMAN

(57) Abstract :

The present invention discloses photostable composite of indium gallium nitride and metal oxide preferably Zinc oxide for solar water splitting. Invention relates to simple, one step and reproducible process for preparation of photo stable composites of Indium Gallium Nitride in metal oxide, with enhanced absorption property.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED THERMOPLASTIC COMPOSITION FOR DEVELOPMENT OF MULTI-INSECT REPELLENT POLYMER YARN, NET, FABRIC AND TARPAULIN AND DEVELOPMENT PROCESS THEREOF.

(51) International classification	:D01F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, DIRECTORATE OF ER & IPR, IPR, GROUP ROOM NO. 348, 'B' WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI.India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VIJAY VEER
Filing Date	:NA	2)WILLIAM SELVAMURTHY
(87) 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 composition comprises a blend of linear polymer, insecticide, and/ or insect repellent, or in combination, synergist, dispersant, antimicrobial agent, UV resistant agent, flame retardant, fragrance, nano-material which provide functionality to the article after incorporation into the high density thermoplastic polymer containing polyether chain. This composition is extruded into monofilament which in turn woven or knitted into net or fabric and/ or sheet (tarpaulin) for articles. Thus formed articles of invention retain effective amount of the active compounds of blend even after several washings for example 20 washing or ageing for example 7 years and thus articles made from this blend remain effective against common disease vector mosquitoes and other similar type of flying and crawling insects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : FUEL INJECTION APPARATUS UTILIZING FUEL ATOMIZATION TECHNIQUE

(51) International classification	:B05B5/025	(71)Name of Applicant :
(31) Priority Document No	:2013-219743	1)Hitachi Automotive Systems, Ltd.
(32) Priority Date	:23/10/2013	Address of Applicant :2520, Takaba, Hitachinaka-shi, Ibaraki, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ISHII Eiji
Filing Date	:NA	2)YOSHIMURA Kazuki
(87) International Publication No	: NA	3)OKAMOTO Yoshio
(61) Patent of Addition to Application Number	:NA	4)KOBAYASHI Nobuaki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To attain atomization of fuel sprays in a fuel injection valve used for an internal combustion engine. [Solution] In a fuel injection valve, comprising a valve seat member having a valve seat on an inner wall surface, a valve body which is contacted to and separated from the valve seat of the valve seat member, a fuel path portion which is arranged on the downstream side of the valve member, and a nozzle plate which is arranged on the downstream side of the fuel path portion and has injection holes for injecting fuel, the fuel injection valve is characterized in that recesses are formed on an outer side in a radial direction of the nozzle plate than an opening of the fuel path portion, each injection hole is formed in the recesses, and a major axis of each recess and an inclined axis of the injection hole have an angle α between them.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1417/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN AUTOMATIC STEERING SYSTEM TO TEST AND VALIDATE STEERING SYSTEM OF TRACTOR

(51) International classification	:B62D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, AGRI MACHINERY GROUP
(32) Priority Date	:NA	Address of Applicant :18/4 MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 007 (INDIA) Haryana
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHRIRAM MOHAN TAILOR
(87) International Publication No	: NA	2)AKSHAY KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an automatic steering system and method to test and validate steering system of tractor comprising steering column mounted on steering wheel of test tractor and a compressor to actuate pneumatic cylinder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1418/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN AUTOMATIC TORTURE TRACK TEST RIG FOR VALIDATION AND TESTING OF TRACTOR UNDER FIELD SIMULATING CONDITIONS

(51) International classification	:E21B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, AGRI MACHINERY GROUP
(32) Priority Date	:NA	Address of Applicant :18/4, MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 007 (INDIA) Haryana
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRIRAM MOHAN TAILOR
(87) International Publication No	: NA	2)BHAVNEET MOHAN NAYYAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an automatic torture track test rig for validation and testing of tractor under field simulating conditions comprising of at least two rollers connected to each other by means of a track belt with a plurality of humps.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.205/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF ISOTACTIC POLYPROPYLENE

(51) International classification :C08F10/06,C08F2/14,C08F4/649
(31) Priority Document No :11173031.3
(32) Priority Date :07/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063138
Filing Date :05/07/2012
(87) International Publication No :WO 2013/004781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOREALIS AG
Address of Applicant :IZD Tower Wagramerstrae 17 19 A
1220 Vienna Austria
(72)Name of Inventor :
1)DE SMET Evi
2)HENDRICKX Lodewijk
3)VERWIMP Werner
4)VERHEIJEN Marc
5)ALLEMEERSCH Paul
6)VANZEIR Erwin
7)JACOBS Francisus
8)DANIELS Yvo
9)STORMS Kristof

(57) Abstract :

Slurry polymerization process for the preparation of a polypropylene (PP) having a decaline soluble fraction (DS) of equal or below 2.5 wt.-%, wherein (a) a Ziegler-Natta catalyst (ZN), (b) propylene and optionally ethylene and/or an C4 to C12 a-olefin, and (c) a diluent (D) comprising a donor agent (DA), are fed into a first reactor vessel (R1) and the polymerization of said polypropylene (PP) takes place in at least said first reactor (R1).

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2186/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD, SYSTEM, ACCESS POINT AND COMPUTER PROGRAM PRODUCT FOR ENHANCING THE USABLE BANDWIDTH BETWEEN OF A TELECOMMUNICATIONS NETWORK AND A USER EQUIPMENT

(51) International classification	:H04W16/14
(31) Priority Document No	:PCT/EP2011/002322
(32) Priority Date	:10/05/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2012/001973
Filing Date	:08/05/2012
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8986/DELNP/2013
Filed on	:17/10/2013

(71)**Name of Applicant :**
1)DEUTSCHE TELEKOM AG
Address of Applicant :Friedrich-Ebert-Allee 140, 53113 Bonn, Germany
(72)**Name of Inventor :**
1)AXEL KLATT

(57) Abstract :

The invention is related to a method for enhancing the usable bandwidth between on the one hand an access point of a radio access network of a telecommunications network, and on the other hand a User Equipment of a subscriber of the telecommunications network, wherein the User Equipment and the access point mutually communicate based on a standardized mobile communication technology using carrier aggregation of at least a first communication carrier and a second communication carrier, wherein the first communication carrier has a first carrier frequency and wherein the second communication carrier has a second carrier frequency, wherein the first carrier frequency is a standardized and licensed frequency and related to the communication technology, and wherein the second carrier frequency is a frequency in a frequency range out of the following: -- from 6.765 to 6.795 MHz, -- from 13.553 to 13.567 MHz, -- from 26.957 to 27.283 MHz, -- from 40.66 to 40.70 MHz, -- from 433.05 to 434.79 MHz, -- from 902 to 928 MHz, -- from 2.400 to 2.500 GHz, -- from 5.725 to 5.875 GHz, -- from 24.00 GHz to 24.25 GHz, -- from 61.0 GHz to 61.5 GHz, -- from 122 GHz to 123 GHz and -- from 244 GHz to 246 GHz.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2705/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL FORMULATION COMPRISING PARACETAMOL

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AHLCON PARENTERALS (INDIA) LIMITED
(32) Priority Date	:NA	Address of Applicant :UNIT NO. 201-205, SECOND
(33) Name of priority country	:NA	FLOOR, ND MALL 1, PLOT NO. 2-4, WAZIRPUR DISTRICT
(86) International Application No	:NA	CENTRE, NATAJI SUBHASH PLACE, NEW DELHI-110034,
Filing Date	:NA	INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MUDGAL, ARUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel ready-to-use parenterally administrable composition and a process for preparation of paracetamol, which is stable in the presence of oxygen and does not require complicated production technologies.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PISTON FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02F1/18
(31) Priority Document No	:2013-226434
(32) Priority Date	:31/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Suzuki Motor Corporation

Address of Applicant :300, Takatsuka-cho, Minami-ku,
Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan

(72)Name of Inventor :

1)SUDA, Naoyuki

(57) Abstract :

There is provided a piston for an internal combustion engine. A piston skirt part is configured to slidably contact a cylinder below a piston head part. Piston sidewalls are provided within the piston skirt part. Piston pin holes are formed at the piston sidewalls. An outer periphery of the piston skirt part is configured to be a part of an elliptical shape of which a minor axis is a direction of an axis line of the piston pin holes and a major axis is a direction orthogonal to the direction of the axis line of the piston pin holes. The piston skirt part is provided with first thin-walled parts at both ends coupled to the piston sidewalls. The first thin-walled parts extend upwardly from a lower end of the piston skirt part and are arranged below the axis line of the piston pin holes.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.22/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SKELETON TRACTION PIN

(51) International classification	:A61B17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Dr. Vishal Kumar

Address of Applicant :F-83, MDH Post Graduate Institute of Medical Education and Research Sector 12, Chandigarh India

2)Dr.Siddhartha Sharma

3)Dr.Sameer Aggarwal

4)Dr. Kunal Kishore

(72)Name of Inventor :

1)Dr. Vishal Kumar

2)Dr.Siddhartha Sharma

3)Dr.Sameer Aggarwal

4)Dr. Kunal Kishore

(57) Abstract :

This skeleton traction pin comprises three parts- a proximal part (A), a middle part (B) and the distal part (C) which is sharpened. The proximal and distal parts fit into the middle part by means of screw threads. The proximal part fits into the drill and enables the pin to be drilled into the bone, just like the conventional pin. Once the fully assembled pin is drilled into the bone, the sharpened end C can be unscrewed and removed thus preventing its re-use and injury to the patient and health care personnel. After the purpose of pin is fulfilled, its removal is facilitated by unscrewing the exposed part (B) and pulling out the part which is inside the bone (A) thus preventing any chance of infection and contamination from the outer environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL METHOD OF DEVELOPING NANOSTRUCTURED SILVER OXIDE FILM BASED AQUEOUS VOLTAMMETRIC PESTICIDE SENSOR

(51) International classification	:G01W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PANAMPILLIL VIJAYAMMA SUBHA
(61) Patent of Addition to Application Number	:NA	2)VARGHESE SAUMYA
Filing Date	:NA	3)TALASILA PRASADA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to construction of aqueous voltammetric sensor for pesticide toxins, for example, endosulfan, atrazine, methyl parathion etc, which is sensitive, reliable, precise, portable, with high resolution and reusable and amenable for field monitoring studies. 1) Mechanical & sonochemical polishing and electrochemical conditioning of polycrystalline silver electrode. 2) Formation of nano-structured silver oxide film by repeated potentiodynamic cycling in the potential range -0.3 to + 0.5 V vs Ag/AgCl. 3) Voltammetric transducer based electrochemical sensing in NaOH -Na₂HPO₄ sample media. The designed sensor is cut above the hither to reported sensors in terms of sensitivity, precision and in offering wider calibration range. The developed sensor can find wide spread use in environmental screening & monitoring, chemical industry, clinical diagnostics and other related fields for selected pesticides.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.272/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : JUNCTION BOX AND SOLAR CELL ARRANGEMENT

(51) International classification	:H01J
(31) Priority Document No	:102011005282.8
(32) Priority Date	:09/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ROBERT BOSCH GmbH
Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY
(72)Name of Inventor :
1)FUNK, KARSTEN

(57) Abstract :

The present subject matter describes a junction box (1) of a solar cell arrangement (27), in particular a solar panel with a number of interconnected solar cells, wherein the junction box (1) has a lower part (3; 21A) and includes an upper part (7; 21B.1; 21B.2; 21B.3) separately mechanically connected to the lower part (3; 21A). An actuator (17) is provided to release the mechanical connection between the lower part (3; 21 A) and the upper part (7; 21B.1; 21B.2; 21B.3), in particular for complete breaking off of the upper part (7; 21B.1; 21B.2; 21B.3) from the lower part (3; 21A), and for separating the contact between the first contact elements (C1 to C5) and the second contact elements (S1-S5). A control device (15) is assigned to the actuator (17) on input side to generate a control signal for the actuator (17).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AMBIENT CONDITION DETECTOR WITH PROCESSING OF INCOMING AUDIBLE COMMANDS FOLLOWED BY SPEECH RECOGNITION

(51) International classification

:g01l

(31) Priority Document No

:14/085,142

(32) Priority Date

:20/11/2013

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant :101 Columbia Road, POB 2245,
Morristown, N.J. 07962-2245, USA

(72)Name of Inventor :

1)MARK H. SCHMIDT

2)TONY T. LI

(57) Abstract :

A monitoring system includes at least one detector having a housing which carries at least one ambient condition sensor. Control circuits carried by the housing are coupled to the sensor. A separate audio input transducer carried by the housing is coupled to the control circuits, wherein the circuits include signal processing circuits, coupled to the transducer. The signal processing circuits cancel predetermined audio received from the transducer and output a processed speech signal which is coupled to speech recognition circuitry. The speech recognition circuitry recognizes selected speech to implement predetermined functions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/00,F02D41/22,F02D41/04
(31) Priority Document No :10 2011 084 081.8
(32) Priority Date :06/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/068556
Filing Date :20/09/2012
(87) International Publication No :WO 2013/050254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart
Germany
(72)Name of Inventor :
1)DERINGER Carsten
2)SCHMIDT Robert

(57) Abstract :

The invention relates to a method for operating an internal combustion engine, wherein a most probable position angle (ϕ_{final}) is determined. The most probable position angle (ϕ_{final}) corresponds substantially to a rotational position of the internal combustion engine. At least two respective probabilities are associated with each position angle. The at least two probabilities are linked to each other. The most probable position angle (ϕ_{final}) is determined from the position angles according to the linked probabilities.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2014

(21) Application No.3066/DEL/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPINNING MACHINE

(51) International classification	:d01h
(31) Priority Document No	:10 2013
(32) Priority Date	111 849.6
(33) Name of priority country	:28/10/2013
(86) International Application No	:Germany
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Maschinenfabrik Rieter AG
Address of Applicant :Klosterstrasse 20, 8406 Winterthur, Switzerland
(72)**Name of Inventor :**
1)Gerd Stahlecker
2)Peter Blankenhorn
3)Wolfgang Lehner

(57) Abstract :

A spinning machine comprises a plurality of spinning stations (1) disposed adjacent to each other and spaced apart by a spindle pitch (ST). Each spinning station (1) comprises at least one fiber guide (6) for guiding a fiber composite (5), a drafting system (2) for drafting the fiber composite (5), a compacting device (3) disposed downstream of the drafting system (2) for compacting the drafted fiber composite (5), and a spindle disposed in a spindle line (SL) for producing a yarn. The fiber composite (5) is clamped in the drafting system (2) by means of a discharge roller pair (7) having an upper and a lower roller (8, 9) and is fed into the compacting device (3). The drafted fiber composite (5) is compacted in the effective region of the compacting device (3) and clamped by means of a clamping roller (10). The fiber guide (6), particularly the fiber guide (6) disposed closest to the compacting device (3) as seen opposite the fiber running direction, and at least part of the effective region of the compacting device (3) are disposed in a defined and substantially equal spacing (A) and/or the upper roller (9) of the discharge roller pair (7) and/or the clamping roller (10) are offset in the axial direction thereof relative to the spindle pitch (ST) or spindle line (SL). The invention further relates to a hollow profile, an apron, and a screen roller for use in a spinning machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3068/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING PLASTIC PREFORMS

(51) International classification	:D21J7/00, B29C43/12,	(71)Name of Applicant : 1)KRONES AG
(31) Priority Document No	:102013113780.6	Address of Applicant :Bhmerwaldstr. 5 93073 Neutraubling
(32) Priority Date	:10/12/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)Andreas KRAUS
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 :

METHOD FOR PRODUCING A PLASTIC PREFORM, THE METHOD COMPRISING A FIRST STEP OF PRODUCING A PLASTIC PREFORM FROM RAW MATERIAL, AND A SECOND STEP OF APPLYING AN OUTER LAYER TO THE PLASTIC PREFORM, WHEREIN THE OUTER LAYER FORMS A BOND WITH THE PLASTIC PREFORM, AND IS INSOLUBLE IN AQUEOUS SOLUTIONS HAVING A PH-VALUE BETWEEN 3 AND 10, AND WELL SOLUBLE IN AQUEOUS SOLUTIONS HAVING A PH-VALUE IN A RANGE OF LESS THAN 3 AND/OR MORE THAN 10.

No. of Pages : 18 No. of Claims : 15

(54) Title of the invention : PREFABRICATED STRUCTURE OF COMPOSITE WINDOW/DOOR APPARATUS USING DIFFERENT FRAME MATERIALS

(51) International classification

:e06b

(31) Priority Document No

:10-2013-
0133725

(32) Priority Date

:05/11/2013

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KIM, SOON SEOKAddress of Applicant :154, Deungwon-ri, Jori-eup, Paju-si,
Gyeonggi-do, 413-821, Republic of Korea;**2)IDA CO., LTD.**

(72)Name of Inventor :

1)KIM, Soon Seok

(57) Abstract :

The present invention relates to a prefabricated structure for a composite window/door apparatus using different frame materials. In the present invention, one of the corner pieces is inserted into the corner piece paths of the adjacent first window frames, to connect the corners of the first window frames together. Another corner piece is inserted into the corner piece paths of the adjacent first sash frames, to connect the corners of the first sash frames together. One of the angle pieces is inserted into the angle piece paths of the adjacent first window frames, to reinforce the connection of the corners of the first window frames. Another angle piece is inserted into the angle piece paths of the adjacent first sash frame, to reinforce the connection of the corners of the first sash frames. The window frame compression flanges protrude between the corner piece path and the angle piece path of the first window frame, and the sash compression flanges protrude between the corner piece path and the angle piece path of the first sash frame. Accordingly, when the sides of the corners of the adjacent first window frames made of synthetic resin and the sides of the corners of the adjacent first sash frame made of synthetic resin are punched, the punched parts of the first window frames, the punched parts of the first sash frames made of synthetic resin and the parts of the angle pieces are deformed/cut and bent inwardly. When the punched parts of the angle piece are bent into the corner piece so as to be engaged together, the window frame compression flanges of the first window frames are pressurized by the angle piece and the corner piece, and the sash frame compression flanges of the first sash frames are pressurized by the angle piece and the corner piece, so that the corners of the first window frames are connected to the angle piece and the corner piece and the corners the first sash frames are connected to the angle piece and the corner piece. Therefore, the adjacent first window frames made of synthetic resin are simply and firmly connected with each other only by a punching step, without using any heat-sealing method or adhesive agent application. The adjacent first sash frame made of synthetic resin are connected with each other in the same manner. As a result, the end product assembly is highly improved and the appearance beauty of the window frame using different materials and the sash frame using different materials does not deteriorate.

No. of Pages : 54 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1135/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : MALEATE SALTS OF (E)-N-{4-[3-CHLORO-4-(2-PYRIDINYLMETHOXY)ANILINO]-3-CYANO-7-ETHOXY-6-QUINOLINYL}-4-(DIMETHYLAMINO)-2-BUTENAMIDE AND CRYSTALLINE FORMS THEREOF •

(51) International classification :C07D401/12

(31) Priority Document No :61/124,796

(32) Priority Date :17/10/2007

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

(86) International Application No :PCT/US2008/080130

Filing Date :16/10/2008

(87) International Publication No :WO 2009/052264

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :2617/DELNP/2010

Filed on :16/04/2010

(71)Name of Applicant :

1)WYETH LLC

Address of Applicant :Five Giralda Farms, Madison, New Jersey 07940, USA

(72)Name of Inventor :

1)GLORIA K.CHEAL

2)WARREN CHEW

3)ANTHONY F.HADFIELD

4)MANNCHING SHERRY KU

5)QINGHONG LU

6)MAHMOUD MIRMEHRABI

(57) Abstract :

The present invention relates to maleate salt forms of (E)-N-{4-[3-chloro-4-(2- pyridinylmethoxy)anilino]-3-cyano-7-ethoxy-6-quinoliny l}-4-(dimethylamino)-2-butenamide, methods of preparing crystalline maleate salt forms, the associated compounds, and pharmaceutical compositions containing the same. The maleate salts are useful in treating cancers, particularly those affected by kinases of the epidermal growth factor receptor family.

No. of Pages : 44 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1712/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW DENSITY AGGREGATE

(51) International classification	:C04B 18/02	(71)Name of Applicant : 1)INDIAN METALS & FERRO ALLOYS LTD.
(31) Priority Document No	:NA	Address of Applicant :AB-19, CSC, SAFDARJUNG
(32) Priority Date	:NA	ENCLAVE, NEW DELHI, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR CHITTA RANJAN RAY
Filing Date	:NA	2)MR ASHOK KUMAR BEHERA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of producing an aggregate called LOW DENSITY AGGREGATE from bottom clinkers of travelling grate coal fired boilers along with ash from Circulating Fluidized Bed Combustion (CFBC) boilers of thermal power plants. The end result i.e. the light weight aggregate being an eco-friendly product will replace the natural stone chips/ aggregates and sands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PRODUCT AND PROCESS FOR THE DECONTAMINATION OF PESTICIDE RESIDUES FROM VEGETABLES BY USING SAFE REAGENT

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURE RESEARCH (ICAR)
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURE RESEARCH, KRISHI BHAWAN, 1, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. GOPAL MADHUBAN
(61) Patent of Addition to Application Number	:NA	2)DR. RAM NIWAS
Filing Date	:NA	3)DR. RAJESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the decontamination of pesticide residues from vegetables and removal pesticide from vegetable by treatment with a combination of inorganic/ organic reagents in/ under specified condition. The detoxified pesticide, unreacted / remaining organic product and residual reagents could be removed by washing with water. The process could successfully remove the pesticide residue from vegetable and do not leave any other toxic substance above safe limit even in washed water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2986/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENERGY SUPPLY DEVICE FOR EXPLOSION-PROOF ELECTRONIC FUNCTIONAL UNITS •

(51) International classification	:H01R12/61
(31) Priority Document No	:202013009990.9
(32) Priority Date	:04/11/2013
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44, 8050 Zurich,
Switzerland
(72)**Name of Inventor :**
1)BERNHARD WUNSCH
2)RAINER KRETSCHMANN
3)RALF SCH.,FFER
4)THOMAS KEUL
5)UWE DROFENIK

(57) Abstract :

The invention relates to an energy supply device for explosion-proof electronic functional units, in which the functional units are supplied from a high-frequency AC 5 voltage which is individually output for each of the functional units via an inductor. In order to supply a multiplicity of functional units with little effort, it is proposed to at least partially cover the multi-level printed circuit board (3) of each inductor (1) with a flat board (5) of a magnetic material parallel to the plane of its conductor tracks (2).

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3082/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FRONT STRUCTURE OF VEHICLE

(51) International classification	:B60R19/02	(71)Name of Applicant :
(31) Priority Document No	:2013-226433	1)Suzuki Motor Corporation
(32) Priority Date	:31/10/2013	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(33) Name of priority country	:Japan	Hamamatsu-shi, Shizuoka 432-8611 (JP)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUROI, Shubun
(87) International Publication No	: NA	2)IKEYA, Yuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Fixing means (16) are top and bottom first fixing means (17A, 17B) which are disposed in the vicinities of the center (C) of the engine room (7) in the vehicle width direction and top and bottom second fixing means (18A, 18B) which fix an outside portion (11G), in the vehicle width direction, of a heat exchanger (11). The top and bottom first fixing means (17A, 17B) constitute a rotation axis extending in the vertical direction. The top and bottom second fixing means (18A, 18B) are configured so that the fixing of the heat exchanger (11) by means of the top and bottom second fixing means (18A, 18B) is canceled when the outside end (11G) of the heat exchanger (11) is pushed rearward by force that is stronger than a prescribed value. A side plate (33) having a tip portion (33A) which is located in the vicinity of the bumper member (5) is attached to the outside portion (11G) of the heat exchanger (11).

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLID SELF-EMULSIFYING FORMULATION OF TAMOXIFEN IN COMBINATION OF ANTIOXIDANT FOR ENHANCED ORAL BIOAVAILABILITY AND ANTITUMOR EFFICACY

(51) International classification	:A61K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:1960/DEL/2011
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)National Institute of Pharmaceutical Education and Research (NIPER)
Address of Applicant :Sector-67, S.A.S. Nagar, Mohali, Punjab-160062, India
(72)**Name of Inventor :**
1)SANYOG JAIN
2)AMIT KUMAR JAIN

(57) Abstract :

The present invention provides a novel solid self-emulsifying formulation comprising tamoxifen in combination with antioxidant such as quercetin, a solid carrier, an oily phase, a surfactant and a co-surfactant. The developed formulation showed enhanced oral bioavailability, improved breast tumor efficacy and reduced the hepatotoxicity.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2013

(21) Application No.1933/DEL/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRIP INDICATOR

(51) International classification	:H01H71/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F - 92500
(33) Name of priority country	:NA	RUEIL MALMAISON, FRANCE
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PUSHKAR BHALERAO
(87) International Publication No	: NA	2)RAMAKRISHNAN KESAVAN
(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 for a trip indicating subassembly for an insulated case housing a circuit breaker and a rotary control unit whereby visually indicating to the operator the correct state of the contacts contained within the circuit breaker where breaker does not specifically include a trip position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : FEAR SENSING DEVICE AS A PERSONAL SECURITY SYSTEM

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHATIA, YASH
(32) Priority Date	:NA	Address of Applicant :3B/11 UTTRI MARG, N.E.A., OLD
(33) Name of priority country	:NA	RAJENDRA NAGAR, NEW DELHI 110060, Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	2)BHATIA, RASIKA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BHATIA, YASH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A personal safety response system for detecting heart rate of an individual and finding a plurality of physiological parameters, the system comprising a sensory means housed in a housing means ensconced in the inner wear of an individual for continuously detecting a plurality of heart rate data and integrated to a data acquisition unit to record the heart rate data; a transmission means integrated to said data acquisition unit for transmitting the heart rate data detected by the sensory means; a processing means coupled to the transmission means and said sensory means; a computing means having said processing means integrated therein; wherein said processing means preprogrammed for sampling the plurality of heart rate data readings for detecting a jump in the heart rate compared to preceding heart rate readings and generating an output instruction automatically to be transmitted to a plurality of receiving stations thus providing a self-triggering system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.208/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DIETARY SUPPLEMENT COMPOSITION FOR BLOOD LIPID HEALTH

(51) International classification	:A23L1/00
(31) Priority Document No	:60/771,003
(32) Priority Date	:07/02/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/003278
Filing Date	:07/02/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6669/DELNP/2008
Filed on	:07/02/2007

(71)**Name of Applicant :**
1)U.S. Nutraceuticals LLC DBA Valensa International
Address of Applicant :2751 Nutra Lane, Eustis, Florida 32726, USA
(72)**Name of Inventor :**
1)EVANS David A.
2)HILL W. Stephen

(57) Abstract :

A human or animal dietary supplement composition comprising one or more long chain (C24-C36) primary alcohols (policosanols) dispersed in food-grade oils or fats where the policosanols particle size is substantially less than ten (10) microns. The composition (Nanocosanol,,)is effective and convenient for supporting blood lipid health.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2217/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : NEW BICYCLIC ANGIOTENSIN II AGONISTS

(51) International classification :C07D409/12

(31) Priority Document No :60/670,249

(32) Priority Date :12/04/2005

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

(86) International Application No :PCT/GB2006/001334

Filing Date :12/04/2006

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :7733/DELNP/2007

Filed on :09/10/2007

(71)Name of Applicant :

1)VICORE PHARMA AB

Address of Applicant :A+ Science AB/CRI, Haraldsgatan 5,
SE-413 14 Goteborg, Sweden

(72)Name of Inventor :

1)MATHIAS ALTERMAN

2)ANDERS HALLBERG

3)MRUGAIAH ANDAPPAN

(57) Abstract :

There is provided a compound of formula I ,wherein R1a, R1b, X, Y1, Y2, Y3, Y4, Z1, Z2 R2 and R3 have meanings given in the description, and pharmaceutically-acceptable salts thereof, which compounds are useful as selective agonists of the AT2 receptor, and thus, in particular, in the treatment of inter alia gastrointestinal conditions, such as dyspepsia, IBS and MOF, and cardiovascular disorders.

No. of Pages : 63 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3102/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : GREEN SYNTHESIS OF SILVER NANOPARTICLES USING CENTRATHERUM ANTHELMINTICUM PLANT TISSUE EXTRACT

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMRISH CHANDRA
(87) International Publication No	: NA	2)RAHUL MATHUR
(61) Patent of Addition to Application Number	:NA	3)PREETI GAUTAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the preparation of green synthesis of silver nanoparticles. The present method comprises Centratherum anthelminticum plant tissue extract and aqueous solution of AgNO₃, that can reduce the silver ions into the silver nanoparticles. The formation of silver nanoparticles can be confirmed by any visualization technique. The present method of preparation is rapid, user-friendly and cost-effective in nature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2837/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENZYMATIC SYNTHESIS OF SULFATED POLYSACCHARIDES

(51) International classification :C07H21/04,
(31) Priority Document No :60/680,392
(32) Priority Date :12/05/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/018778
Filing Date :12/05/2006
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :9471/DELNP/2007
Filed on :12/05/2006

(71)**Name of Applicant :**
**1)THE UNIVERSITY OF NORTH CAROLINA AT
CHAPEL HILL**
Address of Applicant :308 Bynum Hall, Campus Box 4105,
Chapel Hill, NC 27599-4105, USA
2)RENSSELAER POLYTECHNIC INSTITUTE
(72)**Name of Inventor :**
1)LIU Jian
2)LINHARDT Robert J.
3)AVCI Fikri Y.
4)MUNOZ Eva M.
5)CHEN Jinghua

(57) Abstract :

A method of sulfating a polysaccharide is provided. The method can include providing a reaction mixture comprising at least one 0-sulfotransferase (OST) enzyme and 3- phosphoadenosine 5-phosphosulfate (PAPS); incubating a polysaccharide substrate with the reaction mixture, wherein production of the sulfated polysaccharide from the polysaccharide substrate is catalyzed by the OST enzyme with a conversion of the PAPS to adenosine 3,5-diphosphate (PAP); and providing a reaction condition which modifies PAP to reduce an inhibitory effect of PAP on the polysaccharide sulfation.

No. of Pages : 76 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3102/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : FIBER CONTAINING COMPOSITIONS AND METHODS OF MAKING AND USING SAME •

(51) International classification	:A23G4/00, A23L1/30,
(31) Priority Document No	:11/593,694
(32) Priority Date	:07/11/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/023481
Filing Date	:07/11/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2778/DELNP/2009
Filed on	:27/04/2009

(71)Name of Applicant :
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza,
Cincinnati, Ohio 45202, United States of America.

(72)Name of Inventor :
1)WILLIAMS, Kristin, Rhedrick
2)TSE, Hing, C.
3)ANNESS, Daren, K.
4)OVERLY, Harry

(57) Abstract :

A composition comprising at least about 25% of a fiber component, by weight of the composition, provides a safe and effective amount of fiber component to a user. A method of producing such a composition is provided. Additionally a method of providing a safe and effective amount of fiber component to a user is provided.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL FORMULATION FOR THE PREPARATION OF HERBAL INSECT REPELLENT AND THE PROCESS THEREOF

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHARU GUPTA
(87) International Publication No	: NA	2)DHAN PRAKASH
(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 novel composition for herbal insect repellent and process for the preparation of the same which repels different types of insects, has a pleasant aroma, and long lasting effect. The herbal insect repellent comprise of base materials that contains herbal ingredients that is safe and effective, pleasantly perfumed, does not irritate the skin and effectively repels insects like cockroaches, flies, ants and moths. The herbal insect repellent essentially comprises of extracts obtained by process from aerial parts of *Myxopyrum smilacifolia* (Chaturamulla), The extract is processed with suitable natural carrier base and can be used directly to mop the floors in floor cleaners as insect repellent or alternatively in the form of coils, incense sticks, lotions and spray. The herbal insect repellent has no side effects and is suitable for external application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : GREEN SYNTHESIS OF SILVER NANOPARTICLES USING ETHANOLIC EXTRACT OF ZANTHOXYLUM ALATUM LEAVES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSHA KHARKWAL
(87) International Publication No	: NA	2)MONIKA JOSHI
(61) Patent of Addition to Application Number	:NA	3)PREETI PANTHARI
Filing Date	:NA	4)PRANAUV BALAJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel method for the preparation of silver nanoparticles using plant extract. The present invention more particularly relates to a method for the synthesis of silver nanoparticles using ethanolic extract of Zanthoxylum alatum leaves. The 2-undecanone compound is extracted from the leaves of Z. alatum and its carboxy derivative. The nanoparticles formed are of a size in the range of 10-40 nm of the derivative prepared. The nanoparticles will be useful as flavouring agents in the confectionery industry and in the manufacturing of soft drinks and also used as a mosquito repellent.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUNSCREEN COMPOSITIONS CONTAINING AN ULTRAVIOLET RADIATION-ABSORBING POLYMER

(51) International classification	:A61K8/49, A61K8/18	(71) Name of Applicant : 1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC.
(31) Priority Document No	:14/132,290	Address of Applicant :199 Grandview Road, Skillman, NJ
(32) Priority Date	:18/12/2013	08558, United States of America
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)SUSAN DALY
Filing Date	:NA	2)MICHAEL J. FEVOLA
(87) International Publication No	: NA	3)SELCAN TOKGOZ-ENGRAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymer compositions containing an ultraviolet radiation absorbing polyglycerol that has low fractions of diglycerol chromophore conjugates and that includes a UV-chromophore chemically bound thereto are provided, as well as processes to prepare such polymer compositions that includes preparing a polyglycerol intermediate by polymerizing glycerol; removing residual glycerol and low molecular weight fractions from the polyglycerol intermediate to form an enriched polyglycerol intermediate having low fractions of diglycerol; and reacting the enriched polyglycerol intermediate with a UV-chromophore having a complementary functional group to form the polymer composition, and compositions using the ultraviolet radiation absorbing polyglycerol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.106/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOTIONS DERIVED FROM RENEWABLE RESOURCES AND ABSORBENT ARTICLES COMPRISING SAME

(51) International classification :A61L15/44,A61K31/01,A61K8/92
(31) Priority Document No :13/182028
(32) Priority Date :13/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/046338
Filing Date :12/07/2012
(87) International Publication No :WO 2013/009929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)WARREN Raphael
2)WEISMAN Paul Thomas

(57) Abstract :

A lotion having an emollient and an immobilizing agent. The emollient is derived from a renewable resource and having a bio-based content of from about 10% to about 100% using ASTM D6866-10, method B and the immobilizing agent selected from the group consisting of C14-C60 fatty alcohols, C14-C60 fatty acids, C14-C60 fatty alcohol ethoxylates having an average degree of ethoxylation ranging from about 2 to about 110, waxes and mixtures thereof. Absorbent articles comprising said lotions are also provided for herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1264/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BROADCAST DETECTION MANAGMENT SYSTEM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KASHIKA BHATIA
(32) Priority Date	:NA	Address of Applicant :D-6/11, II FLOOR, DLF EXCLUSIVE
(33) Name of priority country	:NA	FLOORS, DLF PHASE V, GURGAON, HARYANA 122002
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KASHIKA BHATIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for automatically detecting the programs broadcast by broadcasting stations, restaurants, Hotels etc., includes a plurality of remote monitoring sites and a central database management unit for collecting data from the remote monitoring sites. Each remote monitoring site contains apparatus for monitoring data transmitted by the broadcast stations in particular territory and identifying the data by processing in the system. The identified data is processed as comparison to the already provided data for which the detection has to be done. The data is compared by comparing beats and envelope signal of the data, and for storing the data in a change format when the varying data changes in an unexpected manner. Each remote unit includes a graphic user interface. The graphic user interface serves to establish communications with the central database management system and to generate a unique ID for the identified data. The central database management system also communicates to the remote monitoring sites to accommodate different data formats different information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3074/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FEEDWATER PREHEATING SYSTEM AND METHOD.

(51) International classification	:F01K23/10
(31) Priority Document No	:13190995.4
(32) Priority Date	:31/10/2013
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, 5400
BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)DROUVOT, PAUL
2)STENSTROM, JORBJORN
3)DIETZMANN, JOERG
4)DROUX, FRANCOIS

(57) Abstract :

The feed water preheating system 100 includes a feed water tank 1 10 and a constant volume recirculation pump 120. The feed water tank 1 10 is adapted to store the feed water. The feed water tank 1 10 includes feed and return lines 112, 114. The feed line 1 12 is adapted to feed the feed water to the HRSG 200, and the return line 1 14 enables returning of the feed water into the feed water tank 1 10. The return line 1 14 precludes a control valve, and is configured to the feed water tank 1 10 to reduce component loss while feed water recirculation..The constant volume recirculation pump 120 is configured in the feed line 1 12 to recirculate the feed water between the HRSG 200 and the feed water tank 1 10. The pump 120 is capable of recirculating the feed water at constant speed and volume to reduce heat loss while feed water recirculation, as «against the prior art feed water preheating systems.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3160/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARCHITECTURES FOR HIGH INTEGRITY MULTI-CONSTELLATION SOLUTION SEPARATION

(51) International classification	:g01s
(31) Priority Document No	:14/092454
(32) Priority Date	:27/11/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :101 Columbia Road, POB 2245,
Morristown, N.J. 07962-2245, USA
(72)**Name of Inventor :**
1)ZDENEK KANA
2)JINDRICH DUNIK
3)MARTIN OREJAS

(57) Abstract :

A method comprises receiving a plurality of signals from a plurality of space-based satellites, wherein the plurality of space-based satellites comprises at least one space-based satellite from each of a plurality of Navigation Satellite System (NSS) constellations. The method also comprises determining, in a first domain, a first plurality of sub-solutions based on a respective sub-set of the plurality of signals, each respective sub-set in the first domain chosen according to a characteristic defining the first domain; and determining, in a second domain, a second plurality of sub-solutions based on a respective sub-set of the plurality of signals, each respective sub-set in the second domain chosen according to a characteristic defining the second domain. The method further comprises determining if an error is present in the navigation system based on the first plurality of sub-solutions and on the second plurality of sub-solutions.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1416/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A LOCKING SYSTEM FOR FRONT HOOD OF TRACTOR TO PREVENT ACCIDENT

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, AGRI MACHINERY GROUP
(32) Priority Date	:NA	Address of Applicant :18/4, MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 007 (INDIA), Haryana
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAVNEET MOHAN NAYYAR
(87) International Publication No	: NA	2)SHRIRAM MOHAN TAILOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a locking system for front hood of tractor to prevent accident comprising a clip type chain connected between hood and locking arrangement of the hood wherein the clip type chain having a bungee locking hook at one end, which is connected to hood of tractor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2713/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MICRO-FLUIDIC DEVICE (MICRO VISCOMETER) AND A METHOD OF DETERMINING VISCOSITY THEREON FOR DETECTION AND MONITORING APPLICATIONS.

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF PETROLEUM & ENERGY STUDIES.
(32) Priority Date	:NA	Address of Applicant :ENERGY ACRES, VPO BIDHOLI PO
(33) Name of priority country	:NA	PREM NAGAR, DEHRADUN-248007 INDIA Uttarakhand
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANKET GOEL
(87) International Publication No	: NA	2)VENKATESWARAN PEDINTI SANKARAN
(61) Patent of Addition to Application Number	:NA	3)AJAY AGARWAL
Filing Date	:NA	4)RAHUL PRAJESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a micro-fluidic device (microviscometer), for detection and monitoring applications, having two input channels linked together at a certain angle and joined to an output channel.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2714/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TEETH CURLING MACHINE FOR COMB MAKING AND THE PROCESS THEREOF

(51) International classification	:A45D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TRI STAR PRODUCTS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :B-43, SECTOR 80 PHASE-II NOIDA
(33) Name of priority country	:NA	UP. 201305 INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN, SANDEEP
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a teeth curling machine for comb making and the method of its use towards teeth curling thereof, wherein said teeth curling machine is provisioned for automatic curling/buffing of teeth pattern mechanically, particularly for curling of that teeth pattern of the comb, which is curled/buffed mechanically on the proposed teeth curling machine during the manufacturing of a comb.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2969/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SETTING CONTROL DEVICE, TEXTILE MACHINE, YARN WINDING MACHINE, AND SPINNING MACHINE

(51) International classification	:G01N3/08	(71)Name of Applicant :
(31) Priority Document No	:2013-227683	1)MURATA MACHINERY, LTD.
(32) Priority Date	:31/10/2013	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(33) Name of priority country	:Japan	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NISHIYAMA Yoshihiro
(87) International Publication No	: NA	2)NOMA Eiji
(61) Patent of Addition to Application Number	:NA	3)HONDA Tomoyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A setting control device (5) of a textile machine (3) includes a display control section (12) adapted to control display of a display screen of a display section (10). The display control section (12) displays a first setting region (A1) on the display section (10). In the first setting region (A1), an access authority for the display screen is set for every display screen and for every access level 10 of an accessing person accessing the display screen.

No. of Pages : 81 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3153/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHOD FOR REMOVING THE ENTRAILS FROM THE ABDOMINAL CAVITY OF POULTRY

(51) International classification	:A22C21/06	(71)Name of Applicant :
(31) Priority Document No	:2011818	1)Meyn Food Processing Technology B.V.
(32) Priority Date	:19/11/2013	Address of Applicant :Westeinde 6, NL-1511 MA
(33) Name of priority country	:Netherlands	OOSTZAAN, the Netherlands.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Heemskerk, Wilhelmus Johannes Casper
(87) International Publication No	: NA	2)Van der Waal, Dirk Hermen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus and method for removing the entrails from the abdominal cavity of poultry suspended by its legs in a first conveyor, comprising an evisceration tool which is movable into and out of the said abdominal cavity of the poultry for removing the said entrails from said abdominal cavity, and gripping means for gripping the said entrails after their removal from the said abdominal cavity, wherein there are lifting means arranged to be introduced below said evisceration tool after its removal from the said abdominal cavity and to undertake a relative upwards motion with respect to the said evisceration tool so as to lift the entrails from said evisceration tool and give way to enable the gripping means to grip the entrails below said lifting means.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICES AND METHODS FACILITATING SLEEVE GASTRECTOMY AND OTHER PROCEDURES

(51) International classification	:A61B17/22	(71)Name of Applicant :
(31) Priority Document No	:61/901,870	1)COVIDIEN LP
(32) Priority Date	:08/11/2013	Address of Applicant :15 Hampshire Street Mansfield 02048
(33) Name of priority country	:U.S.A.	Massachusetts U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARCZYK, Stanislaw
(87) International Publication No	: NA	2)KOSTRZEWSKI, Stanislaw
(61) Patent of Addition to Application Number	:NA	3)MIESSE, Andrew
Filing Date	:NA	4)SHAH, Sachin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for use in bariatric surgery includes a flexible hollow tube extending from a proximal end to a distal end and defines a channel therebetween. A series of openings is defined in a distal portion of the tube allowing for fixation of tissue using suction. A flexible member has an initial position disposed alongside the tube and is deployable to a subsequent position in which the flexible member engages a greater curvature of a stomach. The flexible member is configured to be deployable to automatically assume a shape of a greater curvature of a stomach. The flexible member includes a bulging region and a tapering region when deployed. The flexible member is releasably attached to the distal end of the tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.185/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL COMPOUND WITH AMYLOID AFFINITY

(51) International classification :C07D471/04,A61K51/00
(31) Priority Document No :2011140069
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063726
Filing Date :29/05/2012
(87) International Publication No :WO 2012/176587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIHON MEDI PHYSICS CO. LTD.
Address of Applicant :3 4 10 Shinsuna Koto ku Tokyo
1360075 Japan
(72)Name of Inventor :
1)OKUMURA Yuki
2)MAYA Yoshifumi
3)SHOYAMA Yoshinari
4)ONISHI Takako

(57) Abstract :

A compound represented by formula (1) (In the formula, R1 represents a radioactive halogen substituent, and while 0-2 of A1, A2, A3 and A4 represent N , the remainder represent CH.) or a salt thereof, and an Alzheimers diagnostic agent obtained by incorporating the compound represented by formula (1) or a salt thereof. This compound and this Alzheimers diagnostic agent enter the brain following administration, and exhibit favorable clustering properties toward amyloid deposited in the brain.

No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1851/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENDURING VALUE INDEX

(51) International classification	:H03K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANGEETA M ROBINSON
(32) Priority Date	:NA	Address of Applicant :M 142 (FF) GREATER KAILASH 2
(33) Name of priority country	:NA	NEW DELHI-110048 INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANGEETA M ROBINSON
(87) 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 ENDURING VALUE INDEX can be used to measure the sustainable impact of CSR/Sustainability initiatives by Companies and NGOs. However, this is a proprietary tool and may be used by the interested parties only after tacit permission, in writing, from the Inventor, i.e., Sangeeta Robinson.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2424/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEUR THICKENER AND PROCESS FOR ITS PREPARATION •

(51) International classification	:A01N25/28	(71)Name of Applicant :
(31) Priority Document No	:61/896,379	1)ROHM AND HAAS COMPANY
(32) Priority Date	:28/10/2013	Address of Applicant :100 Independence Mall West,
(33) Name of priority country	:U.S.A.	Philadelphia, Pennsylvania 19106, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOHN J. RABASCO
(87) International Publication No	: NA	2)ANTONY K. VAN DYK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a process for preparing an aqueous solution of a hydrophobically modified alkylene oxide poly(urethane-urea-allophanate) thickener by contacting isocyanate reactive groups with a stoichiometric excess of a diisocyanate, followed by reaction with water. The thickener surprisingly shows a maintenance or improvement in hiding in paint formulations while maintaining other critical rheological properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.265/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FORMULATION FOR READY TO PREPARE COMPACTED INSTANT SOUP TABLETS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DHANALAKSHMI KUTTIGOUNDER
(61) Patent of Addition to Application Number	:NA	2)CHAKKARAVARTHI ARUGAKEERTHY
Filing Date	:NA	3)BHATTACHARYA SUVENDU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a formulation and a process for the preparation of compacted and agglomerated instant soup tablets. The ready-to-prepare product developed herein can be prepared by using different starches, fruit juice, pulp, concentrates and paste, dried vegetable pieces, powders of spices, salt, sugar, butter, edible oil and hydrogenated fats. The optional ingredients include dried meat, fish and egg pieces along with animal fat. The specific advantages of the products is that it bears a high density between 800 to 1300 kgm-3 that disperse quickly in water in less than 3 minutes to offer a ready-to-drink soup for providing maximum convenience to the consumers in addition to excellent taste and mouth feel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3174/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BODY STRUCTURE HAVING A ROOF RAIL

(51) International classification

:b62D

(31) Priority Document No

:10 2013

112 779.7

(32) Priority Date

:19/11/2013

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft

Address of Applicant :Porscheplatz 1, 70435 Stuttgart

Germany

(72)Name of Inventor :

1)EBERLE, Wilfried

2)JAHN, Rudiger

3)SIEE, Anika

(57) Abstract :

A body structure of a motor vehicle, having a side part (10, 11), having a vehicle roof (12), having a fastening device (24) which acts on an underside (23) of the vehicle roof (12), and having a roof rail (20) which is mounted on an upper side (22) of the vehicle roof (22) via a plurality of mounting elements (25), a plurality of hollow rivets (26) extending through the fastening device (24), which is configured as a reinforcing element for the vehicle roof (12), and the vehicle roof (12), and the roof rail (20) being fastened to the upper side (22) of the vehicle roof (12) via the mounting elements (25) in such a way that a threaded section (27) of each mounting element (25) extends through in each case one of the hollow rivets (26) and protrudes out of the respective hollow rivet (26), a nut (28) acting on that threaded section (27) of the respective mounting element (25) which protrudes out of the hollow rivet (26).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : USE OF R-1233 IN LIQUID CHILLERS

(51) International classification	:C10M171/00, C09K5/04
(31) Priority Document No	:61/034,513
(32) Priority Date	:07/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/036268
Filing Date	:06/03/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8143/DELNP/2009
Filed on	:14/12/2009

(71)Name of Applicant :

1)ARKEMA INC.

Address of Applicant :2000 Market Street, Philadelphia,
Pennsylvania 19103, USA

(72)Name of Inventor :

1)BRETT LAWRENCE VAN HORN

2)PHILIPPE BONNET

(57) Abstract :

This invention relates to the use of chloro-trifluoropropenes as refrigerants in negative-pressure liquid chillers and methods of replacing an existing refrigerant in a chiller with chloro-trifluoropropenes. The chloro-trifluoropropenes, particularly 1-chloro-3,3,3-trifluoropropene, have high efficiency and unexpectedly high capacity in liquid chiller applications and are useful as more environmentally sustainable refrigerants for such applications, including the replacement of R-123 and R-11.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : RIB CORED RUBBER/LATEX BACKING FOR MEMORY FOAM BATHMAT

(51) International classification	:A61F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RIVIERA FURNISHINGS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO 235-237, SECTOR 29
(33) Name of priority country	:NA	(PART-II), HUDA, PANIPAT-132103, HARYANA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VISHESH SINGLA
(87) 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 memory foam mat and a process thereof is provided comprising a first layer of Surface Fabric, a second layer of Polyurethane Foam and a third layer of Rubber Backing. The third layer of rubber/latex backing of the memory foam mat is rib cored rubber/latex a backing. The process for making a memory foam mat includes direct latex application on foam material in the rubber/latex coating machine. The rib cored impression is created on the third layer through roller when the rubber/latex comes out semi dry, which is then completely dried out through the machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.207/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTROPHORESIS BUFFER FOR EXTENDING THE USEFUL ELECTROPHORESIS LIFE OF AN ELECTROPHORESIS GEL

(51) International classification :G01N27/447,B01D57/00	(71)Name of Applicant :
(31) Priority Document No :61/507883	1)DGEL ELECTROSYSTEM INC.
(32) Priority Date :14/07/2011	Address of Applicant :2277 rue Ontario est Montral Qubec
(33) Name of priority country :U.S.A.	H2K 1V9 Canada
(86) International Application No :PCT/CA2012/000672	(72)Name of Inventor :
Filing Date :12/07/2012	1)S%VIGNY Pierre
(87) International Publication No :WO 2013/006961	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

There is provided an electrolyte solution for extending useful electrophoresis life of an electrophoresis gel containing Tris(hydroxymethyl)aminomethane (TRIS), at least one zwitterion, and water. The electrolyte solution may be used in buffer systems for gel electrophoresis, such as SDS-PAGE.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2666/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEAT RO FORMER

(51) International classification

:H02J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MANISH

Address of Applicant :H.NO 489, SEC-12A, GURGAON

Haryana India

2)MOHIT

3)PRATEEK

4)KULSHRESTHA

5)APARNA

6)DEEPANSHU

(72)Name of Inventor :

1)MANISH

2)MOHIT

3)PRATEEK

4)KULSHRESTHA

5)APARNA

6)DEEPANSHU

(57) Abstract :

The world today cannot remain dependant on exhaustible sources of energy it is time for a paradigm shift in our approach. After 20yrs most of the energy reserves will be on the verge of depletion hence we cannot depend upon coal and other fossil fuels to help us meet our energy requirements. We require a more renewable and ecofriendly mode of power generation which can cater to the consumers at a very large scale. This is a very economic way to achieve this. Solar energy cannot alone carry the burden of the energy crisis in the future it needs an alternate mode which will go hand in hand with the future requirements Our objective is to trap the heat of the sunlight/ heat source in an isolated system using coastal salt/Hitec Salt and then quantitatively use that heat to produce electricity via transducer called powerchip.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.274/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : WET GAS COMPRESSOR SYSTEMS

(51) International classification	:H01K	(71)Name of Applicant :
(31) Priority Document No	:13/020,873	1)General Electric Company
(32) Priority Date	:04/02/2011	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AALBURG Christian
(87) International Publication No	: NA	2)SIMPSON Alexander
(61) Patent of Addition to Application Number	:NA	3)MICHELASSI Vittorio
Filing Date	:NA	4)SEZAL Ismail
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application provides for a wet gas compressor system (100). The wet gas compressor system (100) may include a wet gas compressor (10) with an inlet section (110). A variable cross-section nozzle (130) may be positioned about the inlet section (110).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3188/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PIPELINE REPLACEMENT PLANNING SUPPORT SYSTEM AND PIPELINE REPLACEMENT PLANNING SUPPORT METHOD

(51) International classification

:g06f

(31) Priority Document No

:2013-
230928

(32) Priority Date

:07/11/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HITACHI, LTD.

Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
Tokyo 100-8280, Japan

(72)Name of Inventor :

1)Shinsuke TAKAHASHI

2)Shingo ADACHI

3)Takeshi TAKEMOTO

4)Hiromitsu KURISU

(57) Abstract :

An support system for designing a pipeline replacement plan includes a storage device storing cost 5 calculation information including pipe attribute information and an processor for calculating replacement introduction cost required for replacing water distribution pipes and maintenance cost of water distribution pipes caused by water leakage in the water distribution pipes based on information for cost calculation, calculating a life-cycle cost of the water distribution pipes using the calculated replacement introduction cost and maintenance cost, calculating an optimal replacement timing of the water distribution pipes that minimizes the calculated life-cycle cost, and displaying on an output device the calculated replacement introduction cost, maintenance cost, life-cycle cost and the optimal replacement timing for the water distribution pipes.

No. of Pages : 64 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2429/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTICAL SYSTEM FOR MEASURING THE ORIENTATION OF A HELMET USING CORNER CUBES AND A TELECENTRIC EMISSION LENS

(51) International classification	:G01B11/14	(71) Name of Applicant :
(31) Priority Document No	:11 02463	1)THALES
(32) Priority Date	:05/08/2011	Address of Applicant :45 rue de Villiers 92200 Neuilly Sur
(33) Name of priority country	:France	Seine France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BRUNO BARBIER
(87) International Publication No	: NA	2)LAURENT POTIN
(61) Patent of Addition to Application Number	:NA	3)SIEGFRIED ROUZES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The overall field of the invention is that of systems for detecting the posture of a moving object in space. The device according to the invention comprises: a fixed electrooptical device (Ot) comprising a point emission source (S), a telecentric lens comprising a projection . lens (L), a reception lens (L) and a semireflective optical element (LSR) and a photosensitive matrix-type sensor (D), the point emission source being arranged at the common focal point of the projection lens and of the reception lens by reflection or transmission through the semireflective optical element, and; an assembly comprising at least three retroreflector devices of the corner cube type (C1, C2, C3) which are arranged on the moving object. The main application of this device is the detection of the orientation of an aircraft pilot helmet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ENHANCED SYSTEM AND METHOD FOR X-RAY IMAGE INTERPRETATION TRAINING BASED ON VARIOUS DIGITAL DEVICES

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMANI KALAMBUR GOPALAN
(32) Priority Date	:NA	Address of Applicant :506, SFS FLATS DDA DWARKA
(33) Name of priority country	:NA	RESIDENTIAL SCHEME, POCKET-2, SECTOR-9, NEW
(86) International Application No	:NA	DELHI- 110077, INDIA
Filing Date	:NA	2)KUMAR MANISH
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAMANI KALAMBUR GOPALAN
Filing Date	:NA	2)KUMAR MANISH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and device for X-ray image security interpretation training. In particular, the invention relates to a system and method for the x-ray image interpretation training for screener training. It will be appreciated that the system and method of the present invention will be applied to a variety of application and training other than X-ray image interpretation.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3185/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SLIDING DOOR ASSEMBLY PROVIDED WITH A LINEAR MOTOR

(51) International classification	:E05F15/14
(31) Priority Document No	:13193212.1
(32) Priority Date	:15/11/2013
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOMBARDIER TRANSPORTATION GMBH
Address of Applicant :Schneberger Ufer 1, 10785 Berlin,
Germany
(72)**Name of Inventor :**
1)PLAQUIN Bernard
2)PIETSCHMANN Thomas

(57) Abstract :

A sliding door assembly comprises a door leaf (24) provided with an upper horizontal 5 edge and a lower horizontal edge; an upper guide rail assembly (20, 42) for guiding the upper edge of the door leaf (24) in translation parallel to a horizontal sliding direction (100) relative to the upper guide rail assembly (20,42) between a first end position and a second end position; and one or more rows (28, 30) of first magnetic field generating elements fixed to the door leaf (24) , each of the rows (28, 30) 10 extending horizontally. The one or more rows (28, 30) of first magnetic field generating elements are each located at an intermediate position below the upper horizontal edge and upper guide rail (20, 42) and above a lower horizontal edge of the door leaf. One or more stators (38, 40) each associated with one of the rows (28, 30) of first magnetic field generating elements overlap with one end of the rows (28, 15 30) of first magnetic field generating elements in the first position. Each stator comprises an second magnetic field generating element located at an air gap distance of the associated one of the rows (28, 30) of first magnetic field generating elements for generating an induced electromagnetic force in the sliding direction (100) on the associated one of the rows (28, 30) of first magnetic field generating elements, the 20 one or more stators (38, 40) being stationary with respect to the upper guide rail assembly (20,42).

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3186/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROJECT DATA MANAGEMENT SERVER AND PROJECT DATA MANAGEMENT PROGRAM

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:2013-230514	1)IPS CO., LTD.
(32) Priority Date	:06/11/2013	Address of Applicant :16th Fl., Tower B, Grand Front Osaka,
(33) Name of priority country	:Japan	3-1, Ofuka-cho, Kita-ku, Osaka-shi, Osaka 530-0011, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Toshifumi AKITA
(87) 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 project data management server includes a project data DB storing project data containing a project ID, process IDs, and process data such that the project ID, the process IDs, and the process data are associated with each other, supplies to a user terminal project setting screen information used for setting information about a project, receives input contents information indicating contents of userTMs input from the user terminal displaying a project setting screen which includes a business process list display area containing an input area to which detailed items are input from the user for each business process, and updates project data based on the received input contents information.

No. of Pages : 80 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1671/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS TO MEASURE THE THREE DIMENSIONAL COORDINATES OF AN OBJECT

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADEPT ENGINEERS
(32) Priority Date	:NA	Address of Applicant :538/1, MAHALWARA HOUSE, NEW
(33) Name of priority country	:NA	RAILWAY ROAD GURGAON - 122001, Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MITRA, SAUGAT
(87) International Publication No	: NA	2)KATARIA, ARUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus for accurately measuring dimensions of objects of various sizes and shapes. The apparatus include a base plate, a first vertically adjusting sensor mounting shaft having a first set of plurality of measurement sensors, a second vertically adjusting sensor mounting shaft having a second set of plurality of measurement sensors, a first horizontal sliding rail and a second horizontal sliding rail perpendicular to the first horizontal sliding rail. The first set of plurality of measurement sensors and the second set of plurality of measurement sensors are adapted to move along a horizontal direction and a vertical direction in each of a plurality of pre-defined paths at pre-defined time intervals to record coordinates of an object placed on the base plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.262/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL SUBSTITUTED 2H-BENZO[E]INDAZOLE-9-CARBOXYLATES FOR THE TREATMENT OF DIABETES AND RELATED DISORDERS

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA

(72)Name of Inventor :

1)GOEL ATUL

2)TANEJA GAURAV

3)RAHUJA NEHA

4)RAWAT ARUN KUMAR

5)JAISWAL NATASHA

6)TAMRAKAR AKHILESH KUMAR

7)SRIVASTAVA ARVIND KUMAR

(57) Abstract :

The present invention relates to the development of novel substituted 2H benzo [e]indazole-9-carboxylates of General Formula I, which can be used as therapeutic agents for the treatment and prevention of metabolic disorders, and a process of preparing said novel compounds. More particularly, the present invention relates to substituted 2H-benzo[e]indazole-9-carboxylates and their partially hydrogenated compounds, processes for preparing the said compounds and to their use in the treatment of diabetes and related metabolic disorders.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTROL ARRANGEMENT AND CONTROL VALVE FOR SUCH A CONTROL ARRANGEMENT

(51) International classification	:f02m
(31) Priority Document No	:102013224655.2
(32) Priority Date	:02/12/2013
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :Postfach 30 02 20, 70442 Stuttgart
Germany
(72)**Name of Inventor :**
1)KAUSS, Wolfgang
2)FREMIOT, Guillaume
3)GALTIER, Benoit

(57) Abstract :

The present subject matter relates to a hydraulic control arrangement for controlling at least one actuator. The control arrangement here forms an open-center-system. For the at least one load, a control valve is provided, via which a circulating flow path extends. This on one hand is connected to a hydraulic pump and on the other hand to a tank. The circulating flow path is connected to the hydraulic pump via a pilot orifice, which is provided between the hydraulic pump and control valve. If the control valve controls the actuator via a metering orifice, then at the same time the circulating flow path is controlled and in addition a connection is controlled between the circulating flow path and the actuator downstream of the metering orifice. Via a pressure difference controller, a pressure difference is kept constant via the pilot orifice and the metering orifice, wherein a fluid volume flow to actuator is varied independent of the load pressure via the metering orifice.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3043/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : RELAY

(51) International classification

:h01h

(31) Priority Document No

:2013-
248271

(32) Priority Date

:29/11/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)OMRON CORPORATION

Address of Applicant :801, Minamifudodo-cho,

Horikawahigashiiru Shiokoji-dori, Shimogyo-ku, Kyoto-shi,
Kyoto 600-8530 Japan

(72)Name of Inventor :

1)HIROTA, Kazuhide

2)SUMI, Koji

(57) Abstract :

A case constituted by a base and a housing contains a relay main body and an operation indicator light. The base is made of a non-transparent resin, and the relay main body is provided on the base. The housing is made of a transparent resin, and on a lower surface of a top plate of the housing, there is provided a diffusing structure made by surface texturing or made of a diffusing material.

No. of Pages : 68 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3245/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : 18F FLUCICLOVINE COMPOSITIONS IN CITRATE BUFFERS

(51) International classification :A61K51/04,A61K101/02
(31) Priority Document No :PCT/EP2011/073670
(32) Priority Date :21/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/076689
Filing Date :21/12/2012
(87) International Publication No :WO 2013/093025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE HEALTHCARE LIMITED
Address of Applicant :Amersham Place Little Chafont
Buckinghamshire HP7 9NA U.K.
(72)**Name of Inventor :**
1)ROMOREN Kristine
2)RYAN Olav

(57) Abstract :

The present invention provides a pharmaceutical composition comprising [18F]FACBC having certain advantages over known compositions comprising [18F]FACBC. Also provided by the present invention is a method to obtain the composition of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1412/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BIOSENSOR FOR DETECTION OF MYCOTHIOL REDOX POTENTIAL.

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR GENETIC
(32) Priority Date	:NA	ENGINEERING & BIOTECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :ARUNA ASAF ALI MARG NEW
(86) International Application No	:NA	DELHI-110067 INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMIT SINGH
(61) Patent of Addition to Application Number	:NA	2)ASHIMA BHASKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure provides a fusion construct that includes an engineered green fluorescent protein having a fluorescence spectrum that is sensitive to redox status and a mycothiol-dependent oxidoreductase linked to the engineered green fluorescent protein. The mycothiol-dependent oxidoreductase is a mycoredoxin identified from Mycobacterium tuberculosis strain H37Rv and the fusion construct can be used as a biosensor for detecting a change in a redox status of mycothiol in a cell.

No. of Pages : 60 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2625/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARRANGEMENT TO ENSURE AN AIR GAP IN AN ELECTRIC

(51) International classification	:H02K 1/00	(71)Name of Applicant :
(31) Priority Document No	:EP09015205	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:08/12/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STIESDAL; HENRIK
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the invention the electrical machine contains a stator arrangement (108, 208, 308) and a rotor arrangement (114, 214, 314). The rotor-arrangement (114, 214, 314) rotates around a longitudinal axis (A). At least parts of the rotor arrangement interact with parts of the stator arrangement to generate electrical power. An air gap is defined by the distance between the parts of the rotor arrangement and the parts of the stator arrangement. The parts of the stator arrangement are opposite to the parts of the rotor arrangement along a certain length. The cross-section of the air gap changes along this length, so the air gap is not uniform in view to the referred length.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2703/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PHASE CHANGE MATERIAL AND A TEMPERATURE REGULATING ARTICLE BASED ON SAME

(51) International classification	:A41D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE,
(33) Name of priority country	:NA	GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO
(86) International Application No	:NA	BHAWA, RAJAJI MARG, NEW DELHI-110005, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KUMAR ROHITASH
(61) Patent of Addition to Application Number	:NA	2)KUMAR RAVINDRA
Filing Date	:NA	3)TAK, BRIJ, BALA
(62) Divisional to Application Number	:NA	4)PUROHIT, SUMITA
Filing Date	:NA	5)MEENA, SHIV, RAM
		6)SHARMA, PRAMOD, KUMAR

(57) Abstract :

The present invention relates to a multi transformation broad temperature range phase change material/composition for body cooling device. The transition temperature of said phase change material ranges from 10 to 25 degree celsius while possess Latent heat ranging from 150 to 160kj/kg. The phase material is thermally stable and is capable of bearing to more than 500 heating and cooling cycles. The Invention also provides a body temperature regulating garment and more particularly to a thermal garment system comprising said phase change material.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3240/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE-DIMENSIONAL IMAGING SYSTEMS, COMPONENTS THEREOF, AND METHODS OF THREE-DIMENSIONAL IMAGING •

(51) International classification :G03F7/00
(31) Priority Document No :61/539,405
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057012
Filing Date :25/09/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2595/DELNP/2014
Filed on :02/04/2014

(71)**Name of Applicant :**
1)3D SYSTEMS, INC.
Address of Applicant :333 Three D Systems Circle, Rock Hill,
SC 29730, USA,
(72)**Name of Inventor :**
1)CHARLES R. SPERRY
2)DENNIS F. MCNAMARA
3)MARTIN ALAN JOHNSON
4)RICHARD ORA GREGORY, II
5)CLINTON JAMES VILIM

(57) Abstract :

There is provided solid imaging methods and apparatus for making three -dimensional objects from solid imaging material. A tray with a film bottom is provided to hold solid imaging material that is selectively cured into cross-sections of the three-dimensional object being built. A coater bar is moved back and forth over the film to remove any uncured solid imaging material from a previous layer and to apply a new layer of solid imaging material. A sensor is provided to measure the amount of resin in the tray to determine the appropriate amount of solid imaging material to be added, from a cartridge, for the next layer. A shuttle, which covers the tray when the exterior door to the solid imaging apparatus is opened for setting up a build or removing a three -dimensional object, can also be used to move the coater bar and to selectively open one or more valves on the cartridge to dispense the desired amount of solid imaging material.

No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1268/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ANGORA-LYOCELL BLENDED FABRIC FOR FASHION APPARELS

(51) International classification	:D02G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.B. PANT UNIVERSITY OF AGRICULTURE AND
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :PANTNAGAR-263145, DISTT.
(86) International Application No	:NA	UDHAM SINGH NAGAR, UTTARAKHAND, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOEL BHAWANA
(61) Patent of Addition to Application Number	:NA	2)GOEL ALKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An angora-lyocell blended fabric comprising blended yams of angora and lyocell fibers wherein, angora yams are in the range of 30-70% of the total blend of the fabric; and lyocell yams are in the range of 30-70% of the total blend of the fabric.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1682/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPACT PROTECTED MEMORY MODULE FOR CIVIL/MILITARY AIRCRAFT

(51) International classification

:E01D,
E02F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AVIONICS DIVISION, HAL KORWA

Address of Applicant :DGM (DESIGN) HINDUSTAN
AERONAUTICS LIMITED AVIONICS DIVISION, KORWA,
AMETHI-227412, UP, INDIA

(72)Name of Inventor :

1)SH. SUNEEL KUMAR SRIVASTAVA

2)SH. SHESH VARDHAN

3)SH. SANTOSH KR. SINGH YADAV

4)SH. DHEERAJ KUMAR

5)SANJEEV VERMA

6)SH. S.D. KHATTRI

7)DR. ASHOK RANJAN

8)SH. RAGHVESH MISHRA

9)SH. SHASHANK MISHRA

(57) Abstract :

Compact Protected Memory Module (CPMM) is for use on Civil/Military aircraft for airborne application.

No. of Pages : 3 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ALUMINA CARRIER, METHOD OF PREPARING THE SAME, AND SILVER CATALYST •

(51) International classification :C07D301/10		(71)Name of Applicant :
(31) Priority Document No :201310523152.5		1)China Petroleum & Chemical Corporation
(32) Priority Date :29/10/2013		Address of Applicant :No. 22 Chaoyangmen North Street, Chaoyang District, Beijing 100728, China
(33) Name of priority country :China		2)Beijing Research Institute of Chemical Industry, China
(86) International Application No :NA		Petroleum & Chemical Corporation
Filing Date :NA		(72)Name of Inventor :
(87) International Publication No : NA		1)LI, Xianfeng
(61) Patent of Addition to Application Number :NA		2)LI, Jinbing
Filing Date :NA		3)SUN, Xinxin
(62) Divisional to Application Number :NA		4)CHEN, Jianshe
Filing Date :NA		5)CAO, Shuyuan
		6)GAO, Lixin
		7)WANG, Hui
		8)LIANG, Rujun
		9)XUE, Qian
		10)ZHANG, Zhixiang

(57) Abstract :

The present disclosure discloses an a-alumina carrier, comprising the elements of lanthanum and silicon both dispersed in the interior and on the surface of the carrier. The mass ratio of the element of lanthanum to the element of silicon is in the range from 0.1:1 to 20:1. The inventors of the present disclosure have made extensive researches into the field of the silver catalyst and alumina carrier thereof, and added the elements of lanthanum and silicon (i.e., bulk phase addition) in preparing the alumina carrier used in the silver catalyst. The carrier thus obtained contains the elements of silicon and lanthanum both in the interior and on the surface thereof, and has improved specific surface area and strength. The silver catalyst prepared with the carrier can react in a low reaction temperature (has a high reaction activity) and has a high selectivity in producing ethylene oxide through oxidation of ethylene.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : TASK PROCESSING DEVICE

(51) International classification	:G06F9/48
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2006/316655
Filing Date	:24/08/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1043/DELNP/2009
Filed on	:24/08/2006

(71)Name of Applicant :

1)KERNELON SILICON INC.

Address of Applicant :3F, Kruft Bldg., 2-11-14, Kugenuma-Ishigami, Fujisawa-shi Kanagawa- 2510025 Japan, Kanagawa, Japan

(72)Name of Inventor :

1)MARUYAMA Naotaka

(57) Abstract :

The speed of task scheduling by a multitask OS is increased. A task processor 100 includes a CPU 150, a save circuit 120, and a task control circuit 200. The CPU 150 is provided with a processing register and an execution control circuit 152 operative to load data from a memory into a processing register and execute a task in accordance with the data in the processing register. The save circuit 120 is provided with a plurality of save registers 110 respectively associated with a plurality of tasks. In executing a predetermined system call, the execution control circuit 152 notifies the task control circuit 200 as such. The task control circuit 200 switches between tasks for execution upon receipt of the system call signal, by saving, in the save register 110 associated with a task being executed, the data in the processing register, selecting a task to be executed next, and loading data in the save register 110 associated with the selected task into the processing register.

No. of Pages : 109 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3259/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : INDEXING SYSTEM FOR AN IN OVO INJECTION APPARATUS AND ASSOCIATED METHOD

(51) International classification :A01K45/00

(31) Priority Document No :61/554631

(32) Priority Date :02/11/2011

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

(86) International Application No :PCT/IB2012/055881
Filing Date :25/10/2012

(87) International Publication No :WO 2013/064949

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ZOETIS LLC

Address of Applicant :100 Campus Drive Florham Park NJ
07932 U.S.A.

(72)Name of Inventor :

1)STEEN Archie Steen

2)SCHNUPPER Michael Glenn

3)REES Daniel Scott

(57) Abstract :

An indexing system (300) for an in ovo injection apparatus (10) is provided. Such an indexing system (300) provides a positioning scheme for an egg carrier (100) carrying a plurality of avian eggs to an injection assembly (20) for injection thereof. The indexing system (300) includes an initial stop (325) provided to abut the trailing end (115) of the egg carrier (100) to form a first egg carrier position such that a first subset of the plurality of avian eggs is injected. An intermediate stop (400) is provided to abut the trailing end (115) of the egg carrier (100) to form a second egg carrier position such that a second subset of the plurality of avian eggs is injected. An associated method is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1693/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LED LIGHT BULB WITH A UNIQUE LOCKING RING

(51) International classification

:F21V29/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)OVERDRIVE ELECTRONICS PVT. LTD.

Address of Applicant :C1/1621 VASANT KUNJ, NEW

DELHI 110070 India

(72)Name of Inventor :

1)MOHIT MITTAL

(57) Abstract :

In most of the present day LED bulbs, the Optical diffuser covering the LEDs needs to be glued to the rest of the bulb body and leaves room for dust, etc. to get into the inside of the bulb. In the proposed innovation, a unique Plastic Locking Ring, Aluminum Disk, Plastic Diffuser, Heat Sink and Plastic Base combination achieves convective cooling of the LED Metal Core PCB (MCPCB) in a manner as to protect the lamp LEDs from ambient dust and flies etc. and also make the product assembly easier avoiding usage of glue for fixing the diffuser to the bulb body along together with improving the thermal management of the LED(heat dissipation from LED)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2241/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR QUANTITATIVE ANALYSIS OF A METABOLITE PROFILE

(51) International classification	:G01N33/50,
(31) Priority Document No	:60/694,983
(32) Priority Date	:30/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2006/006328
Filing Date	:29/06/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9888/DELNP/2007
Filed on	:19/12/2007

(71)**Name of Applicant :**
1)BIOCRATES LIFE SCIENCES AG
Address of Applicant :Innrain 66, A-6020 Innsbruck, Austria
(72)**Name of Inventor :**
1)RAMSAY, Steven, Lewis
2)GUGGENBICHLER, Wolfgang
3)WEINBERGER, Klaus, Michael
4)GRABER, Armin
5)ST-GGL, Wolfgang, Markus

(57) Abstract :

The present invention relates to a device, in particular to a sample preparation device for the quantitative analysis of a drug and/ or metabolite profile in a biological sample. Moreover, the present invention relates to an insert for such a device being impregnated with at least one internal standard, to the internal standard itself, and to a kit comprising the device. Further, the present invention also relates to an apparatus containing the device, and to a method for the quantitative analysis of a drug and/or metabolite profile in a biological sample employing the device.

No. of Pages : 51 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DRAFTING DEVICE FOR LEAK SURVEY SCHEDULING, DRAFTING SYSTEM FOR LEAK SURVEY SCHEDULING, AND DRAFTING METHOD FOR LEAK SURVEY SCHEDULING

(51) International classification	:G05B15/02	(71)Name of Applicant :
(31) Priority Document No	:2013-234124	1)Hitachi, Ltd.
(32) Priority Date	:12/11/2013	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ADACHI Shingo
Filing Date	:NA	2)TAKAHASHI Shinsuke
(87) International Publication No	: NA	3)OGUMA Motoaki
(61) Patent of Addition to Application Number	:NA	4)TAKEMOTO Takeshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A leak survey scheduling of high cost effectiveness against constraints of limited resources and uncertainty 5 regarding water leaks. Prediction model information to predict the trend of prediction model information in an area is generated on the basis of at least one information item out of leak quantity information, pipeline information, and survey and repair information, and a leak l o survey scheduling to prescribe the sequence of implementing leak surveys in a plurality of areas on the basis of the predicted leak quantity information is drafted. Predicted leak quantity information is generated on the basis of predictions of both the expected value of 15 the leak quantity and the uncertainty of the expected value of the leak quantity, and a leak survey scheduling is drafted by using a calculated leak cost.

No. of Pages : 76 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3202/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CIRCUIT BREAKER

(51) International classification

:h01H

(31) Priority Document No

:10-2013-
0134335

(32) Priority Date

:06/11/2013

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LSIS CO., LTD.

Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si,
Gyeonggi-do 431-848, Republic of Korea

(72)Name of Inventor :

1)Seong Yeol CHO

(57) Abstract :

A circuit breaker includes: a main body housing circuit-breaking parts; a terminal 5 l portion exposed outside the main body; a lug-type terminal block attached to the terminal portion and connecting a wire to the terminal portion; and an insulating member provided between the lug-type terminal block and the main body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF TITANIUM FOAM

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GAURAV KUMAR GUPTA
(61) Patent of Addition to Application Number	:NA	2)MOHIT SHARMA
Filing Date	:NA	3)DR. OM PRAKASH MODI
(62) Divisional to Application Number	:NA	4)DR BRAJ KISHORE PRASAD
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of titanium foam useful as bone transplant material through powder metallurgy route using Acrawax particles as the space holder material. The Present invention provides open cellular titanium foam having desirable porosity and good mechanical properties. More particularly this titanium foam having potential for use as bone implants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPHERICAL-ANNULAR BLOWOUT PREVENTER HAVING A PLURALITY OF PISTONS

(51) International classification	:e21b	(71)Name of Applicant :
(31) Priority Document No	:14/087,091	1)ZP INTERESTS, LLC
(32) Priority Date	:22/11/2013	Address of Applicant :5315B FM 1960 W #180, HOUSTON,
(33) Name of priority country	:U.S.A.	TEXAS 77069, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HERNANI G. DEOCAMPO
(87) International Publication No	: NA	2)DEAN MADELL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A blowout preventer includes a housing including interconnected cylinders formed therein, a main seal positioned within the housing, cylindrical sleeves removably placed within the interconnected cylinders, annular pistons and glands placed within the sleeves; and an energizing ring configured to be operated on by the annular 10 pistons in order to operate the main seal. A blowout preventer may also include an upper gland assembly for isolating a void space within the housing from the interconnected cylinders.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3196/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR THE OPERATION OF A PITCH SYSTEM OF A WIND TURBINE

(51) International classification	:F03D7/02
(31) Priority Document No	:13195270.7
(32) Priority Date	:02/12/2013
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Moog Unna GmbH
Address of Applicant :Max-Born-Strae 1, 59423 Unna,
Germany
(72)**Name of Inventor :**
1)Alf Vetter
2)Matthias Pauli

(57) Abstract :

A method is described and presented for the operation of a pitch system of a wind turbine with at least one rotor blade, whereby the pitch system has at least one input rectifier (1) and at least one pitch drive (2), whereby each rotor blade can be rotated around its longitudinal axis by the one pitch drive (2) or by at least one of several pitch drives (2), each input rectifier (1) is supplied with alternating voltage by a supply network (3), and each pitch drive (2) is supplied with electric power by the one input rectifier (1) or by at least one of several input rectifiers (1), each pitch drive (2) is connected to an emergency power storage device (4), whereby each pitch drive (2) can be supplied with electric power by the emergency power storage device (4) that is connected to it. A method for the operation of a pitch system of a wind turbine that, even in case of moderate network overvoltages, permits the continued operation of the pitch system, is achieved according to the invention in that the pitch system has at least one supply voltage measuring device (5), each input rectifier (1) has at least one semiconductor switching element (6) with which a flow of current from the supply network (3) into the respective input rectifier (1) can be blocked, whereby each supply voltage measuring device (5) measures the voltage of the supply network (3) and, if the measured voltage of the supply network (3) or a value calculated from several measured voltages exceeds a first voltage value, then each semiconductor switching element (6) blocks the flow of current from the supply network (3) into the respective input rectifier (1), and each pitch drive (2) is supplied with electric power by the emergency power storage device (4) that is connected to it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3397/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : RANKING BASED PREDICTION OF NETWORK CONNECTION FOR MULTIMEDIA EVENT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD
(33) Name of priority country	:NA	75007 PARIS, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAH, PARASHAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method(s) and system(s) for ranking based prediction of network connections for carrying out a multimedia event are disclosed. The method may include receiving network service and device parameters pertaining to a plurality of network connections, subscribed by a user, from one or more data sources. The network service and device parameters are indicative of information relating to the multimedia event and the network connections. Further, the method may include aggregating the network service and device parameters for each network connection based on at least a type of network connection. The method may also include ranking the network connections based on at least one predictive ranking rule on the aggregated network service and device parameters to predict at least one network connection from amongst the plurality of network connections for carrying out the multimedia event. The predictive ranking rule is indicative of criteria for ranking the network connections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.108/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTI LAYER CAST FILM

(51) International classification :B32B27/08,B32B27/32,C08L23/10
(31) Priority Document No :11171473.9
(32) Priority Date :27/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061733
Filing Date :19/06/2012
(87) International Publication No :WO 2013/000769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOREALIS AG
Address of Applicant :IZD Tower Wagramerstrae 17 19 A
1220 Vienna Austria
(72)Name of Inventor :
1)FIEBIG Joachim
2)REICHELT Kristin

(57) Abstract :

A multi-layer polymer film comprising a core layer and a sealing layer, said sealing layer comprises a propylene co - polymer composition, said propylene copolymer composition - has a comonomer content in the range of 3.0 to 8.0 wt.-%, the co - monomers are C5 to C12 α -olefins, - comprises a polypropylene (A) and a polypropylene (B) in the weight ratio [(A)/(B)] of 20/80 to 80/20, wherein - said polypropylene (A) has a comonomer content of equal or below 4.0 wt.-%, the comonomers are C5 to C12 α -olefins, and - said propylene copolymer (B) has a comonomer content of 4.0 to 20.0 wt.-%, the comonomers are C5 to C12 α -olefins.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1110/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : GROWTH COMPOSITION MADE OF SILK AND AGRICULTURAL WASTE.

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANKUR SRIVASTAVA
(32) Priority Date	:NA	Address of Applicant :MIG 19, BARRA-5, KANPUR 208027,
(33) Name of priority country	:NA	U.P. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANKUR SRIVASTAVA
(87) International Publication No	: NA	2)VIVEK KUMAR SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	3)SRESHIKA SRIVASTAVA
Filing Date	:NA	4)SUNIL KUMAR SHARMA
(62) Divisional to Application Number	:NA	5)MAMTA SHARMA
Filing Date	:NA	

(57) Abstract :

The present invention provides a microbial growth composition. In some particularly preferred embodiment, the present invention provides a microbial growth composition made of pupa, silk gum and arrowroot having all essential components required for in-vitro culturing of microorganisms.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11415/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MAKING A LOW DENSITY WAFER PRODUCT

(51) International classification :A21D13/00,A21C5/00,A21D2/26

(31) Priority Document No :10168242.5

(32) Priority Date :02/07/2010

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2011/060771

Filing Date :28/06/2011

(87) International Publication
No :WO 2012/000965

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NESTEC S.A.

Address of Applicant :Avenue Nestl 55 CH 1800 Vevey
Switzerland

(72)Name of Inventor :

1)ARRACHID Abdessamad

2)DE ACUTIS Rodolfo

3)POWELL Hugh

4)LEADBEATER Richard

5)COE Stephen

(57) Abstract :

The present invention relates to the production of wafers and more particularly to the use of a batter aerating system to obtain wafers with an effective density of at most 0.16 g/cm³ and with sufficient strength to be able to remove them from the wafer baking plates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1938/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NATURAL CONVECTION REFRIGERATOR

(51) International classification	:F25D17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LG ELECTRONICS INC.,
(32) Priority Date	:NA	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:NA	YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC OF
(86) International Application No	:NA	KOREA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BRIJESH KUMAR SHARMA
(61) Patent of Addition to Application Number	:NA	2)PRAVEEN AGRAWAL
Filing Date	:NA	3)RAJESH KIRAN KAREDLA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A natural convection refrigerator (1) with a novel freezer-in-freezer type arrangement, wherein the freezer compartment (4) comprises a main freezer (4a), wherein the main freezer (4a) has at least one small freezer (4b) therewithin. Said small freezer (4b) is surrounded by the coolant channels on all four of its sides, thereby enhancing the convection cooling effect for faster and efficient ice making.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : WIRE WITH COMPLIANT SHEATH

(51) International classification	:H01K
(31) Priority Document No	:13/019,229
(32) Priority Date	:01/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MICRUS ENDOVASCULAR LLC
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95131, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)TOM A. DITTERA

(57) Abstract :

An apparatus for deployment and retrieval of a self-expanding intravascular stent includes an intravascular delivery wire and one or more rings of compliant material fixedly mounted over at least a portion of the intravascular delivery wire. The distal portion of the intravascular delivery wire can be stepped, having a smaller diameter than the proximal portion, and forming a hard stop. Distal and proximal bands can also be provided on the intravascular delivery wire to form hard stops. A self-expanding intravascular stent can releasably retained on the compliant material.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.31/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR SYNTHESIS OF VORICONAZOLE

(51) International classification

:G10L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)JUBILANT LIFE SCIENCES LIMITED

Address of Applicant :PLOT 1A, SECTOR-16A, NOIDA-201301, UP, INDIA

(72)Name of Inventor :

1)VARU BHARAT

2)KUMAR SATISH

3)PANDEY SANJAY KUMAR

4)SRIVASTAVA JAYANT

5)SHAH ASHISH

6)SINGH KHUSHWANT

7)VIR DHARAM

8)AGARWAL ASHUTOSH

(57) Abstract :

The present invention relates to an improved process for the preparation of voriconazole involving solvent selection for enriching desired diastereomeric pair of intermediates. Further, the process is directed to an efficient recovery process of unreacted starting materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.348/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED METHOD FOR EFFICACIOUS PRODUCTION OF SPAGYRIC MEDICINAL PLANT EXTRACTS AND THEIR THERAPEUTIC FORMULATIONS

(51) International classification	:A01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AJIT SINGH SAINI
(32) Priority Date	:NA	Address of Applicant :528/6 SAINIK VIHAR, DHILWAN
(33) Name of priority country	:NA	ROAD, RAMA MANDI, JALANDHAR CANTT, PUNJAB-
(86) International Application No	:NA	144023 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AJIT SINGH SAINI
(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 production method of medicinal plant extraction for spagyric medicine constitutions and formulations. More specifically, the invention relates to an improved production method which includes an innovative step of controlled agitated percolation through churning intervention at the multiple steps of the process for most efficacious release of bioactives in the plant extracts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1657/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL CODA LIME SILICATE GLASS COMPOSITION COMPRISING COLEMANITE AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C03C, C01B	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALYANDURG ANNAPURNA
(87) International Publication No	: NA	2)BISWAS KAUSHIK
(61) Patent of Addition to Application Number	:NA	3)SONTAKKE ATUL DNYANESHWAR
Filing Date	:NA	4)SEN RANJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the development of novel soda lime silicate glass compositions comprising colemanite for energy efficient processing. The evaluated thermal, optical, and mechanical properties of the glasses indicate that these invented glasses are suitable for manufacturing superior quality flat glasses specifically for solar panel and container glasses with a significant reduction in batch melting temperature by around 150°C. The incorporation of B2O3 at its maximum level of 12.24 wt% for flat glass and 13.24 wt% for container glass compositions originating from the addition of colemanite with simultaneous substitution for limestone (CaCO3) up to 100% in the investigated glasses resulted in an energy efficient, cost effective and environment friendly glass melting process.

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1658/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYNTHESIS OF NANOSTRUCTURED CARBOXYCELLULOSES NON-WOOD CELLULOSE

(51) International classification	:B27K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANJANIKUMAR JYOTIPRASAD VERMA
(61) Patent of Addition to Application Number	:NA	2)PRIYANKA RADHEYSHYAM SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an improved process for the preparation of nanostructured oxidized lcarboxy cellulose with high carboxy content and high yield, by subjecting non-wood, lignocellulose, sugarcane bagasse derived a-cellulose or cotton cellulose to oxidation at suitable temperature, wherein the particle shape is spherical, particle size of synthesized carboxy cellulose is in the range of 1 - 100 nm and degree of polymerization (DP) is in the range 50-70 Further the present invention provides pharmaceutical composition comprising of nanostructured oxidized/carboxy celluloses preferably 6-carboxy cellulose, and 2,3,6-tricarboxycellulose alone or in association with one or more pharmaceutically acceptable carrier(s) or excipient(s) for treatment of microbial infections. The carboxycelluloses were efficient in stabilizing multi-walled carbon nanotubes and single-walled carbon nanotubes in aqueous media.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BORONATED BIOPOLYMER CROSSLINKING AGENTS AND METHODS RELATING THERETO

(51) International classification	:C09K8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HALLIBURTON ENERGY SERVICES INC.
(32) Priority Date	:NA	Address of Applicant :10200 BELLAIRE BOULEVARD
(33) Name of priority country	:NA	HOUSTON, TEXAS 77072, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIPTI SINGH
(87) International Publication No	: NA	2)JEREMY HOLTSCRAW
(61) Patent of Addition to Application Number	:NA	3)B. RAGHAV REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Boronated biopolymer crosslinking agents useful in producing viscosified treatment fluids that include an aqueous fluid, a base polymer, and the boronated biopolymer crosslinking agent, wherein the boronated biopolymer crosslinking agent comprises a biopolymer derivatized with a boronic acid, a boronate ester, or both. Such viscosified treatment fluids may be useful in fracturing operations, gravel packing operations, drilling operations, and the like.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :18/03/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : 3A- ETHYNYL,5A-PREGNAN-3,20(R)-DIOL COMPOUNDS

(51) International classification :C07J7/00
(31) Priority Document No :60/860,658
(32) Priority Date :21/11/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2007/050876
Filing Date :20/11/2007
(87) International Publication No :WO 2008/063128
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :1580/DELNP/2009
Filed on :09/03/2009

(71)Name of Applicant :
1)UMECRINE AB
Address of Applicant :C/O TORBJORN BACKSTROM,
SOFIEHEMSVAGEN 73 A, S-907 38 UMEA, SWEDEN
(72)Name of Inventor :
1)TORBJORN BACKSTROM
2)GIANNA RAGAGNIN

(57) Abstract :

A compound, said compound being 3 α -ethynyl, 5 α -pregnan-3,20(R)-diol, or a pharmaceutically acceptable salt thereof.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3410/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TERMINAL BLOCK ASSEMBLY

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHOK CICHHAWAL
(87) International Publication No	: NA	2)KARTHIK SATHYANARAYANAN
(61) Patent of Addition to Application Number	:NA	3)NANDAN ASHOK MAHALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides for a terminal block assembly comprising a terminal screw in which said assembly prevents the screw from screwing itself. The present invention also provides for a method for screwing and unscrewing of said terminal screw in the terminal block assembly.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.351/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND FACILITY FOR CONVERTING CARBON MONOXIDE AND WATER INTO CARBON DIOXIDE AND HYDROGEN, WITH THE REMOVAL OF AT LEAST ONE PRODUCT GAS

(51) International classification :C01B 3/16
(31) Priority Document No :10 2009 035 387.9
(32) Priority Date :30/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/059115
Filing Date :28/06/2010
(87) International Publication No :WO 2010/012387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)Name of Inventor :
1)BALDAUF; MANFRED
2)GRAEBER; CAARSTEN
3)HANEUTH; MARC
4)ZIMMERMANN; GERHARD

(57) Abstract :

In the implementation of a carbon monoxide shift reaction, comprising the conversion of carbon monoxide and water into carbon dioxide and hydrogen, this conversion taking place in the liquid phase and involving separation of the product gases carbon dioxide and/or hydrogen, where as a first solvent dry methanol is used, for the absorption of carbon monoxide with simultaneous formation of a methyl formate, as a second solvent, in the area of release of the product gases, water is used, for avoiding hydrogen losses in a carbon dioxide area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3182/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : HOT ROLLING CONTROL DEVICE AND HOT ROLLING CONTROL METHOD

(51) International classification	:b21b	(71)Name of Applicant :
(31) Priority Document No	:2013-234771	1)HITACHI, LTD.
(32) Priority Date	:13/11/2013	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KAYAMA Masahiro
Filing Date	:NA	2)HAYASHI Gosuke
(87) 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 :

Influences of table roll cooling water on a strip temperature are suppressed while cooling a rolled strip (151). Timing of starting cooling of a plurality of table rolls (170) is determined from position information on a top end of a rolled strip (151) in a cooling process being conveyed on a run-out table made up of the plurality of table rolls (170) cooled by a table roll cooling apparatus (171) provided with a plurality of cooling water opening/closing apparatuses (172) arranged along a flow direction of the strip (151). Next, the plurality of cooling water opening/closing apparatuses (172) are opened at the determined timing of cooling according to priority for discharging cooling water by opening the plurality of cooling water opening/closing apparatuses (172) when starting cooling of the plurality of table rolls (170) stored in an open mode priority storage section (105) and at a time interval under a certain condition.

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3183/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification	:H02N3/00	(71)Name of Applicant :
(31) Priority Document No	:2013-231284	1)Hitachi, Ltd.
(32) Priority Date	:07/11/2013	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSHIHARA Tohru
Filing Date	:NA	2)KATOH Shuji
(87) International Publication No	: NA	3)INOUE Shigenori
(61) Patent of Addition to Application Number	:NA	4)EGUCHI Yoshio
Filing Date	:NA	5)ICHINOSE Masaya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power conversion device (1, 1 A, IB), which limits a zero-phase current without using a reactor, includes clusters (12uv, 12vw, and 12wu) in each of which six unit cells (121) are connected in series; and a transformer (11) that has legs (113uv, 113vw, 113wu) on each of which a primary winding (I1luv, 111 vw, I11 wu) and a secondary winding (112uv, 112vw, 112wu) are wound for magnetic coupling. The both ends of the secondary winding (112uv, 112vw, 112wu) are connected to the both ends of the cluster (1 2uv, 12vw, 12wu).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3284/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : EPOS PRINTING

(51) International classification	:G06F3/12
(31) Priority Document No	:61/683009
(32) Priority Date	:14/08/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2013/071943
Filing Date	:08/08/2013
(87) International Publication No	:WO 2014/027678
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
Tokyo 1630811 Japan
(72)**Name of Inventor :**
1)NAKAMURA Hideo

(57) Abstract :

A script language compatible with HTML is used to define methods or objects capable of communicating directly with an intelligent module for printing operations without going through a web browser's print selection option. A print API library provides the needed methods/objects for embedding into a web page. The intelligent module may be a stand alone electronic device or may be an intelligent device incorporated into a printer. The intelligent module may manage multiple printers directly or through a network and it functions to provide a communication bridge for translating/conveying communication between the print APIs on a web page and a target printer. The print API knows the fixed IP address of the intelligent module and define a print document or print commands and send it directly to the intelligent module by means of the known IP address.

No. of Pages : 164 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3286/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS

(51) International classification :C08L23/06,F16L9/12,C08L23/08

(31) Priority Document No :11186750.3

(32) Priority Date :26/10/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/071074

Filing Date :24/10/2012

(87) International Publication No :WO 2013/060736

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrasse 17 19 A
1220 Vienna Austria

(72)Name of Inventor :

1)ZOPF Ernst

2)ARELLANO Pablo Ivan Aguayo

3)TYAGI Sandeep

4)TYNYS Antti

5)BRAUN Juliane

6)LIU Yi

7)GAHLEITNER Markus

8)KHEIRANDISH Saeid

9)HRISTOV Velichko

10)KAMINSKI Henrich

(57) Abstract :

A high density polyethylene blend, comprising (A) 55 to 95 wt% of a high density multimodal polyethylene copolymer component having a density of at least 940 kg/m³, and (B) 5 to 45 wt% of an ultra-high molecular weight polyethylene homopolymer having an intrinsic viscosity of at least 6 dl/g and an MFR₂₁ of less than 0.5 g/10m in (UHMW polyethylene); and wherein said blend has an MFR₂₁ of 1.0 g/10min or less and a density of at least 940 kg/m³.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3592/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 10/07/2015

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

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUBILANT LIFE SCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-
(33) Name of priority country	:NA	201301, UP (INDIA)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISWAS, SUJAY
(87) International Publication No	: NA	2)BANSAL, VIKAS
(61) Patent of Addition to Application Number	:NA	3)CHAKRAVARTY, ROHIT
Filing Date	:NA	4)GUPTA, NITIN KUMAR
(62) Divisional to Application Number	:NA	5)VIR, DHARAM
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved and commercial process for the preparation of Lacosamide having formula I. Further, the present invention also provides the key intermediate compound of formula IV. Present process utilizes compound of formula IV as key intermediate for the preparation of Lacosamide.

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3073/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FRAME STRUCTURE FOR ELECTRIC MOTORCYCLE AND SUPPORT STRUCTURE FOR ELECTRIC MOTOR

(51) International classification

:b62m

(31) Priority Document No

:2013-
229490

(32) Priority Date

:05/11/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Suzuki Motor Corporation

Address of Applicant :300, Takatsuka-cho, Minami-ku,
Hamamatsu-shi, Shizuoka 432-8611 (JP)

(72)Name of Inventor :

1)EGUCHI, Teppei

(57) Abstract :

There is provided a frame structure for an electric motorcycle. A plurality of electric components are mounted in a chassis framework comprised of a pair of half-frame bodies. One of the half-frame bodies is formed into a module to which electric components are connected via cables.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VARIABLE FRICTION HINGE.

(51) International classification	:E05D9/00, E05D7/10	(71)Name of Applicant : 1)SOUTHCO, INC.
(31) Priority Document No	:61/899,555	Address of Applicant :210 N. BRINTON LAKE ROAD P.O.
(32) Priority Date	:04/11/2013	BOX 116 CONCORDVILLE, PENNSYLVANIA, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)EUGENE NOVIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a hinge assembly having variable friction resistance. The hinge assembly includes an elongated element having a generally cylindrical surface extending longitudinally. It also includes at least one torque element having a generally cylindrical surface compressively engaged with the cylindrical surface of the elongated element, the cylindrical surface of the at least one torque element having end portions. An actuator of the hinge assembly is configured for changing friction resistance generated by the at least one torque element by changing the relative position of the end portions of the at least one torque element, thus reducing compressive engagement between the cylindrical surface of the at least one torque element and the cylindrical surface of the elongated element.

No. of Pages : 57 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3266/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : BEARING STEEL AND METHOD FOR PRODUCING SAME

(51) International classification:C22C38/00,B22D27/02,C21C7/00

(31) Priority Document No :2011230832

(32) Priority Date :20/10/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/076042

Filing Date :05/10/2012

(87) International Publication No :WO 2013/058131

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NIPPON STEEL & SUMITOMO METAL CORPORATION

Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan

(72)Name of Inventor :

1)HASHIMURA Masayuki

2)MIYAZAKI Masafumi

3)YAMAMURA Hideaki

4)SUZUKI Takahisa

5)FUJITA Takashi

(57) Abstract :

The present invention is bearing steel wherein the metal composition comprises as inclusions compound oxysulfides containing rare earth metals Ca, O, S, and Al; TiN; MnS; Al₂O₃; and compound oxides containing Al and Ca; the number of compound oxysulfide inclusions per the total number of inclusions is 50% or greater but less than 100%; the number of compound oxysulfide inclusions having a major axis of 5 μm or larger is between 0.001 and 2 per 1 mm of observed surface; and the number of TiN inclusions having a major axis of 5 μm or greater present independent of the compound oxysulfide inclusions is 0.001 or greater but less than 1.0 per 1 mm² of observed surface.

No. of Pages : 70 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3773/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GAS TURBINE

(51) International classification	:B60K6/20, F02D29/06
(31) Priority Document No	:11186387.4
(32) Priority Date	:24/10/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/070930
Filing Date	:23/10/2012
(87) International Publication No	:WO 2013/060663
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TSCHUOR Remigi

2)NARANCIC Sinisa

3)FILKORN Guenter

(57) Abstract :

A gas turbine (10) comprises a compressor (12), an annular combustion chamber (13), and a turbine (15), a combustion chamber shell (20a) of the combustion chamber (13) adjoining the turbine inlet (26) in a transition region (A) in order to introduce the hot gases generated in the combustion chamber (13) into the downstream turbine (15) such that a thermal expansion-induced relative movement between the combustion chamber (13) and the turbine inlet (26) is possible. Combustion chamber shell (20a) support elements (29) distributed on the periphery come into contact with a conical contour (31a) on the shaft cover (25) due to the thermal expansion (33) that occurs during operation and are supported on said contour. The aim of the invention is an improvement with respect to loading and service life. This is achieved in that the conical contour (31a) and the machine axis form an angle (a2) that allows the combustion chamber shell (20a) support elements (29) to slide onto the conical contour (31a) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : WUSHNAER CAR SEAT HEATER

(51) International classification	:A62C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AAQIB GULZAR KHAN
(32) Priority Date	:NA	Address of Applicant :58/3, BONUMSORA, SONAWAR,
(33) Name of priority country	:NA	SRINAGAR-190001, JAMMU & KASHMIR, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AAQIB GULZAR KHAN
(87) International Publication No	: NA	2)QURISHI ADEEL-UL-HAQ
(61) Patent of Addition to Application Number	:NA	3)HAKIM SHAHID BASHIR
Filing Date	:NA	4)DAR KASHIF HASSAN
(62) Divisional to Application Number	:NA	5)PEERZADA ZULQARNAIN
Filing Date	:NA	

(57) Abstract :

The WUSHNAER CAR SEAT HEATER kit is a seat heating system which provides a cheap, efficient, and low power heating over the already existing car heaters. WUSHNAER CAR SEAT HEATER kit consists of heating wires (3) stitched within a conductive, fire and water-proof fabric. This heating element can be installed in a minimal amount of time by placing it beneath the back seat cover (4) and the bottom seat cover (5). It takes very less time to heat up allowing the driver and the passengers to experience heated comfort in almost all vehicles. It relies on extensive parallel circuit design that minimizes power consumption and produce heat at the expense of high values of current drawn by the circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A BLACK CHROMIUM COATING BATH

(51) International classification	:C25D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, JODHPUR
(32) Priority Date	:NA	Address of Applicant :OLD RESIDENCY ROAD,
(33) Name of priority country	:NA	RATANADA, JODHPUR-342011, INDIA Rajasthan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)USMANI, BELAL
(87) International Publication No	: NA	2)HARINIPRIYA S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A black chrome coating bath for electrodeposition of black chrome coating on a substrate is disclosed. The black chrome coating bath includes an aqueous solution of chromium trioxide having graphite encapsulated iron-cobalt nanoparticles dispersed therein. A method for coating a substrate is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1703/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/08/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL METHOD FOR THE SYNTHESIS OF TUNGSTEN DISULFIDE NANOSHEETS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW
(33) Name of priority country	:NA	MATERIALS(ARCI)
(86) International Application No	:NA	Address of Applicant :PLOT NO. : 102 INSTITUTIONAL
Filing Date	:NA	AREA SECTOR-44, GURGAON -122003 HARYANA India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JOYDIP JOARDAR
Filing Date	:NA	2)MASILAMNI LEO SYLVESTER SAHAYARAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention pertains to a novel method for the synthesis of tungsten disulfide nanosheets in copious quantity. The process involves multiple steps, which includes refinement of coarse grade (50micron size) monoclinic WO₃ powders to nanostructured (50-100nm) and/or ultrafine (100 to 350nm) by high energy ball milling followed by blending of the nano/ultrafine powder with elemental sulfur in the presence of liquid organic reagent(s) as process control agent. The sulfurization and desired structure of the WS₂ was obtained by heat treatment of the powder blend in pure H₂ or a blend of 5 to 50 vol.% H₂ in N₂ or argon gas. The process was carried out in the temperature range of 400 to 850 degree C under positive pressure (0.2 and above up to 10 Kg cm⁻²) using a specially designed thermal processing system.

No. of Pages : 8 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.226/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ROBUST PLANAR COMPOSITE WITH AN INTERMEDIATE LAYER OF INCREASED VICAT SOFTENING TEMPERATURE

(51) International classification :B32B27/10,B32B7/02,B32B27/32
(31) Priority Document No :10 2011 108 401.4
(32) Priority Date :26/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003095
Filing Date :23/07/2012
(87) International Publication No :WO 2013/013802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIG TECHNOLOGY AG
Address of Applicant :Laufengasse 18 CH 8212 Neuhausen
Switzerland
(72)Name of Inventor :
1)WOLTERS Michael
2)PELZER Stefan

(57) Abstract :

The present invention generally relates to a sheetlike composite (3) comprising a layer configuration with the following layers: 0. optionally a layer of thermoplastic KSu (13); i. a carrier layer (4); ii. a first layer of thermoplastic KSv (35); iii. a barrier layer (5); iv. a second layer of thermoplastic KSa (6); v. at least one further layer of thermoplastic KSw (7); wherein the Vicat softening temperature of the layer of thermoplastic KSv (35) and the Vicat softening temperature of the layer of thermoplastic KSa (6) is in each case higher than the Vicat softening temperature of the layer of thermoplastic KSw (7). The present invention further more relates to a process for the production of the sheetlike composite, a container which surrounds an interior and comprises at least one such sheetlike composite, and a process for the production of this container.

No. of Pages : 53 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.270/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING EARTH FAULT

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:11154146.2	1)ABB TECHNOLOGY AG
(32) Priority Date	:11/02/2011	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050,
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WAHLROOS, ARI
(87) International Publication No	:NA	2)ALTONEN, JANNE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus for detecting an earth fault on a three-phase electric line, the apparatus comprising means (40) for determining a neutral admittance on the basis of a residual current and a residual voltage, means (40) for comparing the determined neutral admittance to a predetermined operation characteristic to detect an earth fault on the three-phase electric line (30), and means (40) for determining one or more harmonic components of the residual current and one or more harmonic components of the residual voltage, which harmonic components have frequencies $n f_n$ such that $n \geq 2$ and f_n is a fundamental frequency, wherein the means for determining a neutral admittance are adapted to use at least one of the determined one or more harmonic components of the residual current and at least one of the determined one or more harmonic components of the residual voltage for the determining of the neutral admittance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4052/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED SYSTEM PROVIDING INTEGRATION OF SOLAR ENERGY IN A FOSSIL FIRED POWER PLANT

(51) International classification	:B41M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NTPC LTD.
(32) Priority Date	:NA	Address of Applicant :NTPC BHAWAN, SCOPE COMPLEX
(33) Name of priority country	:NA	7, INSTITUTIONAL AREA, LODI ROAD, NEW DELHI-
(86) International Application No	:NA	110003, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHASWATTAM
(61) Patent of Addition to Application Number	:NA	2)KULSHRESHTHA, AMIT
Filing Date	:NA	3)DEEPAK
(62) Divisional to Application Number	:NA	4)RAIJAL, RAJEEV
Filing Date	:NA	5)KAMATH, B.

(57) Abstract :

Disclosed is a system and method therefor providing integration of solar energy in fossil fired power plant. A system that integrate a solar heat exchanger (16) in the feed water (102) circuit parallel to the last regenerative feed water heat exchanger (9) of a fossil fired power plant. A portion of feed water (102) shall be tapped between last (9) and penultimate (8) regenerative feed water heat exchanger and diverted (103) to solar heat exchanger (16). The heated feed water (104) from solar heat exchanger (16) shall be brought back and mixed with the feed water exiting (105TM) from the last regenerative feed water heat exchanger (9). The net effect is that less coal is used to generate a given amount of electricity which in turn also results in reduced carbon dioxide emissions.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1855/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLASMA MICRORNAS FOR THE DETECTION OF EARLY COLORECTAL CANCER

(51) International classification :C07H21/02,
C12Q1/68,
(31) Priority Document No :61/550,148
(32) Priority Date :21/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/003035
Filing Date :20/10/2012
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :3907/DELNP/2014
Filed on :14/05/2014

(71)Name of Applicant :
1)HOSPITAL CLINIC DE BARCELONA
2)CENTRO DE INVESTIGACIN BIOM% DICA EN RED
DE ENFERMEDADES HEP • TICAS Y DIGESTIVAS
(72)Name of Inventor :
1)GIRONELLA, I Cos, Meritxell
2)LOZANO SALVATELLA, Juan, Jose
3)CASTELLS, i Garangou, Antoni
4)GIRALDEZ, Maria, Dolores

(57) Abstract :

The present invention relates in general to the field of colorectal cancer detection, and more particularly, to plasma microRNAs for the detection of early colorectal cancer. Specifically, the present invention includes methods, kits and biomarkers for diagnosing or detecting colorectal neoplasia in a human subject comprising the steps of: A method for diagnosing or detecting colorectal neoplasia in a human subject comprising the steps of: obtaining one or more biological samples from the subject suspected of suffering from colorectal neoplasia; measuring an overall expression pattern or level of one or more microRNAs obtained from the one or more biological samples of the subject; and comparing the overall expression pattern of the one or more microRNAs from the biological sample of the subject suspected of suffering from colorectal neoplasia with the overall expression pattern of the one or more microRNAs from a biological sample of a normal subject, wherein the normal subject is a healthy subject not suffering from colorectal neoplasia, wherein overexpression of a combination of miR19a and miR19b, or miR19a and miR19b and miR 15b is indicative of colorectal cancer.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : CLIP

(51) International classification	:B23B
(31) Priority Document No	:2011-019659
(32) Priority Date	:01/02/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAIWA KASEI KOGYO KABUSHIKI KAISHA
Address of Applicant :1, AZA KAMIHIRACHI, HOBO-CHO,
OKAZAKI-SHI, AICHI-KEN(JP)
(72)**Name of Inventor :**
1)ASAI, OSAMU

(57) Abstract :

A clip capable of connecting to the panel member may include a clip body and a sealing body. The clip body includes an anchor that is capable of being engaged with an attaching hole formed in the panel member, and a support portion that is arranged and constructed to be pressed to a surface of the panel member when the anchor is engaged with the attaching hole of the panel member. The sealing body includes a lip portion that is positioned in an inner side of an outer circumference of the support portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3462/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING DATA SYSTEM MIGRATION AND INTEGRATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
(33) Name of priority country	:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
(86) International Application No	:NA	BLUE BELL, PA 19422, USA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARPREET SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for monitoring data migration between data systems. The system includes a user interface for coupling the data migration monitoring system to a target data system The user interface receives data migration information generated during data migration from a source data system to the target system. The data migration information includes data migration event jobs. The system also includes a processing engine for processing the data migration information received by the user interface. The processing engine also extracts data migration event jobs from the data migration information based on at least one data migration information parameter. The processing engine also generates and transmits reports based on the extracted data migration event jobs to at least one application coupled to the data migration motioning system. The system also includes a platform translation module for translating data migration information from one operating system format to another.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.50/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTIPLE CRITERIA DECISION ANALYSIS IN DISTRIBUTED DATABASES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :Kanpur, Uttar Pradesh, 208016, India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Arnab BHATTACHARYA
Filing Date	:NA	2)Shashwat MISHRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure set forth methods for selecting a preferred data set from distributed databases including a first database having a first probability attribute and a second database having a second probability attribute. One example method may include receiving a first data set from the first database and a second data set from the second database. The first data set includes a first monotonic attribute. The second data set includes a second monotonic attribute. It may further include selecting a candidate data set from one of the first data set and the second data set based on a comparison of the first monotonic attribute and the second monotonic attribute and determining whether the selected candidate data set is the preferred data set.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3187/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MANUFACTURE INSTRUCTION DATA MANAGEMENT SERVER AND MANUFACTURE INSTRUCTION DATA MANAGEMENT PROGRAM

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:2013-230513	1)IPS CO., LTD.
(32) Priority Date	:06/11/2013	Address of Applicant :16th Fl., Tower B, Grand Front Osaka,
(33) Name of priority country	:Japan	3-1, Ofuka-cho, Kita-ku, Osaka-shi, Osaka 530-0011, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Toshifumi AKITA
(87) 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 manufacture instruction data management server 5 includes a manufacture instruction data DB storing manufacture instruction data, supplies a narrowing condition designation screen for designating narrowing conditions in accordance with a request from a user terminal, receives narrowing conditions designated on the 10 narrowing condition designation screen from the user terminal, creates a production table screen corresponding to the narrowing conditions as narrowing result data, and supplies the created narrowing result data to the user terminal as narrowing results. The production table screen 15 contains an element display area where a designated time range, and allotment destination information corresponding to the designated allotment destination item are displayed as elements of a table, and contains a mesh data display area where mesh data containing article detail information 20 about an article item is displayed in a section for corresponding elements for each manufacture instruction data.

No. of Pages : 54 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3283/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARRANGEMENT FOR DETECTION OF HEMOLYSIS

(51) International classification :G01N33/49
(31) Priority Document No :11511789
(32) Priority Date :09/12/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/051359
Filing Date :07/12/2012
(87) International Publication No :WO 2013/085462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEMCHECK SWEDEN AKTIEBOLAG
Address of Applicant :Hybelejens gata 2 S 653 40 Karlstad
Sweden
(72)**Name of Inventor :**
1)KARLSSON Mathias

(57) Abstract :

The following invention relates to a device for visual detection of hemolysis in a whole blood sample from a pierceable container said device comprising at least one visible detection compartment and a transfer passage connected to said visible detection compartment said device further comprising means for passing through the container to the interior of said container for accessing the whole blood and permitting transfer of a volume of plasma from said sample to said detection compartment via said transfer passage wherein said device further is arranged with a separation device for separating plasma from blood cells within said whole blood sample before said plasma reaches the detection compartment said device further being arranged with means providing a capillary action for generating a capillary force urging said volume of plasma to be transferred through the separation device to said detection compartment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3478/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW COST APPARATUS & METHOD TO MANUFACTURE DISPOSABLE ABSORBENT ARTICLES

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR JAYDEEP MANDAL
(32) Priority Date	:NA	Address of Applicant :RZH-2/144, C, BENGALI COLONY,
(33) Name of priority country	:NA	MAHAVIR ENCLAVE, NEW DELHI-110045 India
(86) International Application No	:NA	2)DR. MEERA SINGH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR JAYDEEP MANDAL
(61) Patent of Addition to Application Number	:NA	2)DR. MEERA SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus and a process to manufacture disposable absorbent articles. More specifically, it relates to a heat- sealing, packaging device that seals and packages an absorbent core in a cost-effective yet efficient manner to yield disposable absorbent articles. Examples of the disposable absorbent articles of the present invention are sanitary napkins and diapers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3777/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOMATIC CARTRIDGE FIRING TECHNOLOGY.

(51) International classification

:A61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AVIONICS DIVISION, HAL KORWA

Address of Applicant :AGM(DESIGN) ASERDC

HINDUSTAN AERONAUTICS LIMITED, AVIONICS
DIVISION, KORWA, AMETHI-227412, UP, INDIA.

(72)Name of Inventor :

1)SHESH VARDHAN

2)DHEERAJ KUMAR

(57) Abstract :

Automatic Cartridge Firing Technology provides the option of automatic firing of cartridge by external sensing independent of manual firing command. Cartridge Firing Technology provides excitation for external sensors installed on the vehicle skin for detection of hazardous situations, accepts sensed input and generates command1 signal for cartridge firing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.53/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROVIDING GUARANTEED QUALITY OF SERVICE FOR OTT SERVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard, F-75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJAPANDIYAN, Karthick
(87) International Publication No	: NA	2)PANDURANGAN, Harikumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to systems and methods for providing guaranteed QoS for OTT services. In an implementation, an OTT service category of an OTT service requested by a user device (105) is determined, based on a received OTT service request. The OTT service request includes an OTT service category and a user ID of a user corresponding to the user device (105). Further, a predetermined value of at least one QoS parameter to be set for one or more network devices (220) is obtained to provide at least a minimum quality of service for the OTT service. The predetermined value is determined based on the OTT service category and the user ID. The predetermined value of may be provided to one or more network devices (220) in the OTT path to provide the predetermined QoS for the OTT service to the user device (105).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BINARY ODOR CONTROL SYSTEM FOR ABSORBENT ARTICLES

(51) International classification	:A61L15/46	(71)Name of Applicant :
(31) Priority Document No	:14/143,093	1)WEYERHAEUSER NR COMPANY
(32) Priority Date	:30/12/2013	Address of Applicant :PO Box 9777, CH1 J27, Federal Way,
(33) Name of priority country	:U.S.A.	WA 98063-9777, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BRENT A. PETERSEN
(87) 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 :

Cellulosic pulp structures integrating unreacted quantities of an inorganic peroxide and a destabilizing acid, as binary components of an odor control system, absorbent articles incorporating such structures, and various methods of forming the same, are disclosed herein. The components are adapted to react in the presence of an aqueous fluid to produce hydrogen peroxide, thereby providing an antimicrobial and odor mitigating effect.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3200/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SWING ARM

(51) International classification

:b62k

(31) Priority Document No

:2013-
231793

(32) Priority Date

:08/11/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Suzuki Motor Corporation

Address of Applicant :300, Takatsuka-cho, Minami-ku,
Hamamatsu-shi, Shizuoka 432-8611 (JP)

(72)Name of Inventor :

1)KAWATA, Koichiro

2)NAITO, Katsuhiko

(57) Abstract :

There is provided a swing arm for a motorcycle. A base section is connected to a chassis framework via a pivot member. A pair of rear-arm sections extend rearwards from the base section. A pair of bracket sections are respectively provided at rear end portions of the rear-arm sections to rotatably support a rear wheel. Each of the bracket sections is formed into a shape including a hole through which an axle of the rear wheel passes, an engaging plane formed at a region surrounding the hole, and a peripheral formation plane positioned to connect with the outer periphery of the rear-arm sections. An inner surface of the peripheral formation plane in the width direction is formed so as to be inclined outwards in the width direction from a side of formation region of the hole towards a front side as viewed from the top.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3289/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR INCREASING HYDROGEN CONTENT OF SYNTHESIS GAS

(51) International classification :C01B3/16,C10J3/00
(31) Priority Document No :1119960.1
(32) Priority Date :18/11/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052506
Filing Date :10/10/2012
(87) International Publication No :WO 2013/072660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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EC4A 4AB U.K.
(72)**Name of Inventor :**
1)ABBOTT Peter Edward James
2)COMBES Gary Bevan
3)BEAVIS Richard James

(57) Abstract :

A process is described for increasing the hydrogen content of a synthesis gas (110) containing one or more sulphur compounds, said synthesis gas comprising hydrogen, carbon oxides and steam, and having a ratio, R, defined as $R = (H_2 - CO_2) / (CO + CO_2) < 0.6$ and a steam to carbon monoxide ratio 51.8, comprising the steps of (i) adjusting the temperature of the synthesis gas, (ii) passing at least a portion of the heated synthesis gas adiabatically through a first bed of sulphur-tolerant water-gas shift catalyst disposed in a first shift vessel (128) at a space velocity $\geq 12,500$ hour⁻¹ to form a pre-shifted gas stream, and (iii) forming a shifted gas stream by subjecting at least a portion of the pre-shifted gas stream to a second stage of water-gas shift in a second shift vessel (114) containing a second bed of sulphur-tolerant water-gas shift catalyst that is cooled in heat exchange with a gas stream comprising the synthesis gas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4769/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOMATIC INJECTION DEVICES

(51) International classification	:A61M5/20
(31) Priority Document No	:0414054.7
(32) Priority Date	:23/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/002487
Filing Date	:23/06/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:80/DELNP/2007
Filed on	:23/06/2005

(71)**Name of Applicant :**
1)AbbVie Biotechnology Ltd.
Address of Applicant :Clarendon House, 2 Church Street ,
Hamilton, HM 11, Bermuda

(72)**Name of Inventor :**
1)Bicknell Stephen
2)Julian Joseph F.
3)Rudzena William L.

(57) Abstract :

An injection device comprises a syringe (1) extendible against a spring bias (9) from a retracted position in a housing (2) to a projecting injecting position. A spring biased plunger has collapsible elbows (10) which, when the plunger is released, initially engage the end of the syringe to drive it to the projecting position, whereupon arresting of the syringe movement causes the elbows to collapse inside the syringe to allow the plunger to engage and drive the bung (3).

No. of Pages : 14 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6624/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONDITIONALLY IMMORTALIZED LONG-TERM STEM CELLS AND METHODS OF MAKING AND USING SUCH CELLS

(51) International classification	:C12N5/071, C12N5/0735
(31) Priority Document No	:60/728,131
(32) Priority Date	:18/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/040379
Filing Date	:18/10/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3332/DELNP/2008
Filed on	:23/04/2008

(71)Name of Applicant :

1)THE REGENTS OF THE UNIVERSITY OF COLORADO

Address of Applicant :201 REGENT ADMINISTRATIVE CENTER, 3 SYS, Boulder, CO 80309 (US) U.S.A.

2)NATIONAL JEWISH HEALTH

(72)Name of Inventor :

1)CAMBIER, John

2)REFAELI, Yosef

3)JOHNSON, Sara

4)TURNER, Brain Curtis

(57) Abstract :

Disclosed are methods for conditionally immortalizing stem cells, including adult and embryonic stem cells, the cells produced by such methods, therapeutic and laboratory or research methods of using such cells, and methods to identify compounds related to cell differentiation and development or to treat diseases, using such cells. A mouse model of acute myeloid leukemia (AML) and cells and methods related to such mouse model are also described.

No. of Pages : 145 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1813/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : TAMPER RESISTANT ORAL PHARMACEUTICAL DOSAGE FORMS COMPRISING AN OPIOID ANALGESIC

(51) International classification	:A61K31/485, A61K9/22
(31) Priority Document No	:60/840,244
(32) Priority Date	:25/08/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2007/002515
Filing Date	:24/08/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:692/DELNP/2009
Filed on	:24/08/2007

(71)Name of Applicant :

1)PURDUE PHARMA L.P.

Address of Applicant :One Stamford Forum, 201 Tresser
Boulevard, Stamford, CT 06901, USA

(72)Name of Inventor :

1)MANNION Richard Owen

2)O'DONNELL Edward Patrick

3)McKENNA William Henry

4)HUANG Haiyong Hugh

(57) Abstract :

The present invention relates to pharmaceutical dosage forms, for example to a tamper resistant dosage form including an opioid analgesic, and processes of manufacture, uses, and methods of treatment thereof.

No. of Pages : 289 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3036/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MAGNETIC CONTACTOR

(51) International classification	:H01H9/00
(31) Priority Document No	:10-2013-0159504
(32) Priority Date	:19/12/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LSIS CO., LTD

Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea

(72)**Name of Inventor :**

1)Jong Sung YEOM

(57) Abstract :

Disclosed is a magnetic contactor. The magnetic contactor includes a frame, a bobbin provided in the frame, and configured to include a hollow part, a s movable core movably inserted into the hollow part in an axial direction, a yoke disposed at the outer surface of the bobbin to be separated from the coil and to face each other, and configured to act as a fixed core, and a manipulating circuit part disposed at the outer surface of the bobbin in parallel with a moving direction of the movable core to intersect the yoke. The coil is wound around an outer lo surface of the bobbin. Accordingly, a coil having a broad rated voltage range is used. Also, a structure of a product is simplified, and a space is broadly used.

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4222/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THIOETHER FUNCTIONAL OLIGOMERIC POLYTHIOLS AND ARTICLES PREPARED THEREFROM •

(51) International classification	:C08G75/04
(31) Priority Document No	:60/797,985
(32) Priority Date	:05/05/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/068206
Filing Date	:04/05/2007
(87) International Publication No	:WO 2007/131150
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9125/DELNP/2008
Filed on	:31/10/2008

(71)Name of Applicant :

1)PPG INDUSTRIES OHIO, INC.

Address of Applicant :3800 West 143rd Street, Cleveland, Ohio 44111, United States of America

(72)Name of Inventor :

1)BOJKOVA, Nina V.

(57) Abstract :

Provided is a thioether-functional, oligomeric polythiol having pendant hydroxyl functional groups, prepared by reacting together: (a) a compound having at least two thiol functional groups; (b) a hydroxyl functional compound having triple bond functionality; and (c) a compound having at least two double bonds. Further provided is a thioether-functional, oligomeric polythiol having pendant hydroxyl functional groups, prepared by reacting together: (a) a compound having at least two thiol functional groups, prepared by reacting together: (1) a dithiol, and (2) a compound having at least two double bonds; (b) a hydroxyl functional compound having triple bond functionality; and optionally (c) an additional compound having at least two double bonds, which may be the same as or different from the compound (2). Optical articles prepared from the thioether-functional, oligomeric polythiols are also provided.

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5011/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MARKER FOR NEUROMYELITIS OPTICA

(51) International classification	:G01N33/53, C07K16/18,
(31) Priority Document No	:10/723,180
(32) Priority Date	:25/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039710
Filing Date	:24/11/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3102/DELNP/2006
Filed on	:30/05/2006

(71)**Name of Applicant :**
1)Mayo Foundation for Medical Education and Research
Address of Applicant :200 First Street S.W. Rochester,
Minnesota 55905 United states of America
(72)**Name of Inventor :**
1)LENNON, Vanda A.
2)KRYZER, Thomas J

(57) Abstract :

The present invention provides for methods and materials for diagnosing and treating neuromyelitis optica (NMO) and related disorders.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6567/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CRYSTALLINE MONOHYDRATE OF THE COMPOUND OF FORMULA (IV) AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:C07D471/04, C07D463/00,
(31) Priority Document No	:60/542,490
(32) Priority Date	:06/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003728
Filing Date	:04/02/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4309/DELNP/2006
Filed on	:04/02/2005

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHEN Bang-Chi

2)DROGHINI Roberto

3)LAJEUNESSE Jean

4)DIMARCO John D.

5)GALELLA Michael

6)CHIDAMBARAM Ramakrishnan

(57) Abstract :

The invention relates to processes for preparing compounds having the formula (I) and crystalline forms thereof, wherein Ar is aryl or heteroaryl, L is an optional alkylene linker, and R2, R3, R4, and R5, are as defined in the specification herein, which compounds are useful as kinase inhibitors, in particular, inhibitors of protein tyrosine kinase and p38 kinase.

No. of Pages : 76 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6731/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BATTERY STATE OF CHARGE ESTIMATOR

(51) International classification	:G01R31/36
(31) Priority Document No	:60/559,921
(32) Priority Date	:06/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011761
Filing Date	:06/04/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6208/DELNP/2006
Filed on	:23/10/2006

(71)Name of Applicant :

1)COBASYS, LLC

Address of Applicant :3740 Lapeer Road, South Orion,
Michigan 48359, United States of America

(72)Name of Inventor :

1)MELICHAR, Robert

(57) Abstract :

A battery control module for a battery system comprises a voltage measuring module that measures battery voltage and a current measuring module that measures battery current. A state of charge (SOC) module that communicates with the current and voltage measuring modules and that estimates SOC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3258/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE-DIMENSIONAL IMAGING SYSTEMS, COMPONENTS THEREOF, AND METHODS OF THREE-DIMENSIONAL IMAGING •

(51) International classification :G03F7/00
(31) Priority Document No :61/539,405
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057012
Filing Date :25/09/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2595/DELNP/2014
Filed on :02/04/2014

(71)**Name of Applicant :**
1)3D SYSTEMS, INC.
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SC 29730, USA
(72)**Name of Inventor :**
1)CHARLES R. SPERRY
2)DENNIS F. MCNAMARA
3)MARTIN ALAN JOHNSON
4)RICHARD ORA GREGORY, II
5)CLINTON JAMES VILIM

(57) Abstract :

There is provided solid imaging methods and apparatus for making three -dimensional objects from solid imaging material. A tray with a film bottom is provided to hold solid imaging material that is selectively cured into cross-sections.of the three-dimensional object being built. A coater bar is moved back and forth over the film to remove any uncured solid imaging material from a previous layer and to apply a new layer of solid imaging material. A sensor is provided to measure the amount of resin in the tray to determine the appropriate amount of solid imaging material to be added, from a cartridge, for the next layer. A shuttle, which covers the tray when the exterior door to the solid imaging apparatus is opened for setting up a build or removing a three -dimensional object, can also be used to move the coater bar and to selectively open one or more valves on the cartridge to dispense the desired amount of solid imaging material.

No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3452/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A COMPOSITION COMPRISING A CELLULASE AND A BLEACH CATALYST •

(51) International classification	:C11D3/34, C11D3/39,
(31) Priority Document No	:60/819,155
(32) Priority Date	:07/07/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2007/052651
Filing Date	:05/07/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:105/DELNP/2009
Filed on	:06/01/2009

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza,
Cincinnati, Ohio 45202, United States of America
(72)**Name of Inventor :**
1)LANT, Neil, Joseph
2)MIRACLE, Gregory, Scot
3)SOUTER, Philip, Frank

(57) Abstract :

The present invention relates to a composition comprising: (i) a bacterial alkaline enzyme exhibiting endo-beta-1,4-glucanase activity (E.C. 3.2.1.4); and (ii) a bleach catalyst that is capable of accepting an oxygen atom from a peroxyacid and transferring the oxygen atom to an oxidizable substrate.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3549/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSFORMER CODE

(51) International classification :G06F9/45
(31) Priority Document No :2001-310379
(32) Priority Date :05/10/2001
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2002/010385
Filing Date :04/10/2002
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :806/DELNP/2003
Filed on :23/05/2003

(71)Name of Applicant :
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**2)NIPPON STEEL CORPORATION & SUMITOMO
METAL CORPORATION**
(72)Name of Inventor :
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2)CHIKARA KAIDO
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4)OSAMU TANAKA
5)YUJI KUBO
6)NORIKO YAMADA
7)NORIKAZU FUJII
8)KAZUFUMI HANZAWA
9)KAZUFUMI HANZAWA
10)KAZUTAKA HIGASHINE

(57) Abstract :

A transformer core extremely superior in insulation and corrosion resistance characterized in that having an insulation coating comprised of a pure silicon polymer on end faces and surfaces of stacked steel sheet of a magnetic material. A transformer core extremely superior in insulation and corrosion resistance characterized in that having conductors at a core comprised of stacked magnetic materials and having an insulation coating comprised of a pure silicon polymer on the surface of and between the magnetic materials and conductors.

No. of Pages : 77 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTI LAYER BIAXIALLY ORIENTED POLYMER FILM

(51) International classification :B32B27/32,B32B27/08,C08L23/10
(31) Priority Document No :11171474.7
(32) Priority Date :27/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061730
Filing Date :19/06/2012
(87) International Publication No :WO 2013/000767
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1220 Vienna Austria
(72)Name of Inventor :
1)RESCONI Luigi
2)ACKERMANS Nina
3)FIEBIG Joachim
4)REICHELT Kristin

(57) Abstract :

A multi-layer biaxially oriented polymer film comprising a core layer (CL) and at least one sealing layer (SL), · said sealing layer(s) (SL) comprise(s) a propylene copolymer composition (P) having a comonomer content in the range of 3.0 to 8.0 wt- %, the comonomers are C to C12 a-olefins, · said propylene copolymer composition (P) comprises a polypropylene (A) and a polypropylene (B) in the weight ratio [(A)/(B)] of 20/80 to 80/20, wherein · said polypropylene (A) has a comonomer content of equal or below 4.0 wt.-%, the comonomers are C5 to C12 a-olefins, and · said propylene copolymer (B) has a comonomer content of 4.0 to 20.0 wt.-%, the comonomers are C5 to C12 a-olefins.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIQUID JETTING DEVICE

(51) International classification	:B41J2/175
(31) Priority Document No	:2012178148
(32) Priority Date	:10/08/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/004739
Filing Date	:06/08/2013
(87) International Publication No	:WO 2014/024472
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SUZUKI Nobutaka

2)KOIKE Yasunori

(57) Abstract :

Provided is a liquid jetting device capable of supplying liquid stably and continuously through a liquid supply tube which tracks and changes shape with the movement of the carriage that carries the liquid jetting head while being designed to make the main device body more compact. The liquid jetting device is provided with: a liquid jetting head (34) capable of jetting ink on a sheet of paper; a carriage (50) capable of reciprocating movement inside a main body case (13) when loaded with the liquid jetting head (34) and an adaptor (35) capable of supplying ink to the liquid jetting head (34); and a single ink supply tube (70) that tracks and changes shape inside the main body case with the reciprocating movement of the carriage (50) in a configuration in which the tube is drawn around from an ink tank (15) that is on the upstream side and is disposed outside the range of movement of the carriage (50) to the adaptor (35) on the downstream side so as to allow ink supply.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : LANGUAGE LEARNING SYSTEM AND METHOD THEREOF

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:102140888	1)HSIA, Yu-Chun
(32) Priority Date	:11/11/2013	Address of Applicant :No. 3, Qiao'ai 9th Rd., Xindian Dist.,
(33) Name of priority country	:Taiwan	New Taipei City 231, Taiwan, R.O.C.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HSIA, Yu-Chun
(87) 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 language learning system and a method thereof is provided, which creates a word database, a phrase database, and a sentence database. The phrases to be learned is identified based on the words the user learned before. The sentence to be learned is identified based on the words the user learned before, the phrases the user learned before, and the combination of the learned words and the learned phrases. That is, the words and phrases in the sentence to be learned are understood by the user. The sentence to be learned is shown in a list for the user to learn.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR DECOMPRESSION OF A COLOR VIDEO IMAGE IN A VIDEO IMAGE DECOMPRESSION SYSTEM

(51) International classification	:H04N7/32, H04N7/46
(31) Priority Document No	:09/905,039
(32) Priority Date	:12/07/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/us02/2/205
Filing Date	:12/07/2002
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:56/DELNP/2004
Filed on	:07/01/2004

(71)**Name of Applicant :**

1)DOLBY LABORATORIES LICENSING CORPORATION

Address of Applicant :100 Portrero Avenue, San Francisco, California 94103, USA

(72)**Name of Inventor :**

1)GARY A DEMOS

(57) Abstract :

A method for decompression of a color video image in a video image decompression system, receiving a compressed color video image, receiving a first quantization parameter value for a luminance channel (Y); characterized by receiving a quantization parameter bias value; determining a second quantization parameter value for at least one of two chroma channels (U, V) of the color video image by adding the quantization parameter bias value to the first quantization parameter value for the luminance channel (Y); wherein the second quantization parameter value is greater than the first quantization parameter value for a the luminance channel (Y);decompressing the compressed video image using the first quantization parameter value for the luminance channel (Y) and the second quantization parameter value for at least one of the two chroma channels (U, V).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYDROGEN CELL

(51) International classification	:C25B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. HARSHVARDHAN BHAGAT
(32) Priority Date	:NA	Address of Applicant :38, HANS NAGAR, AJMER ROAD,
(33) Name of priority country	:NA	BEAWAR, RAJASTHAN - 305901 (INDIA). Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. HARSHVAR
(87) 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 Hydrogen generator cell (104), comprising at least one electrolysis cell (104A, 104B) having liquid water (304) as aqueous solution base, reusable Sodium amalgam (306) disposed in the liquid water (304) of the electrolysis cell (104A, 1048) for use as a catalytic converter, an electrical potential applied across a pair of electrodes (302A1 302B) immersed in the liquid water (304) of the electrolysis cell (1 04A, 1048) and at least one of the pair of electrodes (302A, 3028) electrolyzes the liquid water (304) for generating Hydrogen gas using the catalytic converter.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : RECORDING DEVICE

(51) International classification :B41J2/175,B41J2/01,B41J13/00
(31) Priority Document No :2012178505
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2013/004591
Filing Date :29/07/2013
(87) International Publication No :WO 2014/024416
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SEIKO EPSON CORPORATION
Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
Tokyo 1630811 Japan
(72)Name of Inventor :
1)NAKANO Yosuke
2)SHIMIZU Satoshi

(57) Abstract :

Provided is a recording device in which the provision of an ink tube and the provision of a recording unit and a scanner unit in an integrated manner are carried out with consideration to reducing the height of the device and maintaining a recording function. A printer is provided with a recording unit and a scanner unit comprising an upper section that can be opened and closed. The recording unit comprises: a flexible ink tube that guides ink sent from an ink tank to a head unit; and a control unit that performs recording on a medium on the basis of the state of a depressible switch that is provided to the upper section of the recording unit by controlling the head unit when it is detected that the switch is in a depressed state and by not performing recording when it is detected that the switch is not in a depressed state. The depressed state of the switch is achieved when a gap that allows the ink tube to pass through and that is at least large enough to not block the ink flow path within the ink tube is formed between the recording unit and the scanner unit.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3338/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : VIBRATING TOOTHBRUSH

(51) International classification	:A61H23/02, A61C17/34,
(31) Priority Document No	:60/702,474
(32) Priority Date	:26/07/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/028919
Filing Date	:25/07/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:911/DELNP/2008
Filed on	:25/07/2006

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue, New York, NY
10022, USA

(72)Name of Inventor :

1)SORRENTINO Alan Vincent

(57) Abstract :

The present invention relates to a toothbrush comprising: a cleaning head [2]; a handle [1]; a neck [3]-having a longitudinal axis disposed between the head and the handle, the neck comprising a longitudinal region formed by a cylindrical wall constructed of a hard plastic that circumferentially surrounds the longitudinal axis so as to form a cavity in the longitudinal region; a vibration-generating device [5] enclosed within a structural housing [15], the structural housing positioned within the cavity; and characterized in that the cylindrical wall having a section of reduced thickness for reducing transmission of vibrations toward the handle.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3442/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DYE DECOLOURIZATION METHOD USING ALGAL SPECIES CHLORELLA PYRENOIDOSA

(51) International classification	:A01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBHASHA NIGAM
(87) International Publication No	: NA	2)RACHANA SINGH
(61) Patent of Addition to Application Number	:NA	3)SAVERA AGGARWAL
Filing Date	:NA	4)SUBRBHI SINHA
(62) Divisional to Application Number	:NA	5)SHIFU AGGARWAL
Filing Date	:NA	

(57) Abstract :

The present invention relates to the method for the decolourization of RGB-Red dye using green alga Chlorella pyrenoidosa in the presence of charcoal. The effect of dye concentrations and pH on the growth and rate of decolourization of chlorella species is analyzed by the use of UV-Visible spectrophotometer. The use of charcoal in the present method enhances the growth of chlorella pyrenoidosa and also makes the decolourization process fast. The present dye decolourization method suggests the application of green algae C. pyrenoidosa in combination with charcoal as a potent agent to remove RGB-Red synthetic dye from the environment. The present invention relates to a simple and cost-effective dye degradation method of RGB-Red dye using chlorella pyrenoidosa in the presence of charcoal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MERCURIAL BLOOD PRESSURE MONITOR COMPRISING OF PRISMATIC GLASS TUBE

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LIFELINE MEDICAL DEVICE
(32) Priority Date	:NA	Address of Applicant :155-156, UDYOG VIHAR, PHASE -
(33) Name of priority country	:NA	VI, GURGAON - 122001, HARYANA (INDIA)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRADEEP CHAWLA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is relating to a novel prismatic glass capillary tube for the pressurized movement of mercury in blood pressure monitoring machine and the process thereof. The prismatic glass capillary tube, filled with mercury applies the principles of refraction of light and consequently the mercury level in said prismatic glass capillary tube applied therein is visible wider and clearer in comparison to conventional such monitors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM FOR THE EXECUTION TRACEABILITY MONITORING AND CONTROL OF A METHOD OF REDUCING THE BACTERIAL COUNT IN A CONFINED ENVIRONMENT

(51) International classification	:A61L9/14
(31) Priority Document No	:TO2012A000589
(32) Priority Date	:04/07/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2013/055449
Filing Date	:03/07/2013
(87) International Publication No	:WO 2014/006577
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LONGO Matteo

Address of Applicant :Via Cornaletto 6/D I 10010 Bairo

(Torino) Italy

(72)Name of Inventor :

1)LONGO Matteo

(57) Abstract :

System (1) for the execution traceability monitoring and control of a method of reducing the bacterial count in a confined environment comprising: an environment identification device (2) arranged to contain information relating to the confined environment; a device (3) for micronizing air dispersed decontaminant substances arranged to diffuse through a diffuser (9) a decontaminant substance (12) by air and in the form of dry fog based on the information contained in the environment identification device (2); a detection sensor (4) adapted to detect the concentration of the decontaminant substance (12); an instantaneous bacterial analysis sensor (5) arranged to determine the quantitative and qualitative bacterial concentration; a central server (6) arranged to process data received from the diffuser (9) from the detection sensor (4) and from the instantaneous bacterial analysis sensor (5) so as to identify anomalies with respect to a desired quantitative and qualitative bacterial objective and certify the bacterial result obtained as a result of the diffusion of the decontaminant substance (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TUBE HEAD COMPRISING AN INSERT FORMING A BARRIER

(51) International classification	:B65D23/00	(71)Name of Applicant :
(31) Priority Document No	:1360571	1)ALBEA SERVICES
(32) Priority Date	:29/10/2013	Address of Applicant :1 Avenue du Gnal de Gaulle Zac des
(33) Name of priority country	:France	Barbanniers ~Le Signac TM , 92230 Gennevilliers, France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ERIC KERMAN
(87) International Publication No	: NA	2)THIERRY MAURICE
(61) Patent of Addition to Application Number	:NA	3)ETIENNE HERMANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Tube head (1) that is capable of being connected to a skirt (4) so as to form an internal volume of the tube, said tube head (1) comprising a body (11), said body comprising a neck (3) and a shoulder (2) connected to the neck (3), said tube head (1) further comprising an insert (6) arranged so as to be in contact with said shoulder (2) so as to form a barrier between the body (11) and the product contained in the internal volume, said insert (6) closing the neck (3), characterised in that said insert (6) comprises a means for positioning in the tube head (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3426/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSPARENT CERAMIC FROM YAG NANOPOWDERS BY NITRATE-FUEL MICROWAVE COMBUSTION WITH SULPHATE ADDITION

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
(32) Priority Date	:NA	Address of Applicant :MINSITRY OF DEFENCE, GOVT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110105, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MANN, REKHA
Filing Date	:NA	2)LAISHRAM, KIRANMALA
(87) International Publication No	: NA	3)MALHAN, NEELAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method of preparing deagglomerated, sinterable, neodymium ion doped Yttrium Aluminium garnet (YAG) nanopowder and its fabrication to transparent polycrystalline ceramic , consisting essentially of the following steps: a) mixing nitrates of neodymium, yttrium and aluminium with ammonium sulphate and a fuel in water to prepare a complex sol; b) drying and gelation of the complex sol of step (a) by microwave combustion to obtain precursor-powder; c) calcining the precursor-powder of step (b) only once, in air and at a temperature in the range of 800-1000°C, to obtain deagglomerated nanopowder of neodymium ion doped polycrystalline Yttrium Aluminium Garnet (YAG); d) compacting the nanopowder by uniaxial pressing followed by cold isostatic pressing to form pellets; e) sintering the pellets of step (d) under vacuum and at a temperature in the range of 1650-1750°C to obtain sintered pellets; f) Hot isostatic pressing the sintered pellets of step (e) at a temperature in the range of 1650-1750°C to obtain hot isostatic pressed pellets; g) Annealing the hot isostatic pressed pellets of step (f) at a temperature in the range of 1400-1500°C to obtain deagglomerated, transparent, sinterable, neodymium ion doped polycrystalline Yttrium Aluminium Garnet (YAG) ceramic.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.718/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ABRASION RESISTANT PRODUCT COMPRISING UHMWPE FIBERS

(51) International classification	:D02G3/44,D07B1/02	(71)Name of Applicant :
(31) Priority Document No	:12176778.4	1)DSM IP ASSETS B.V.
(32) Priority Date	:17/07/2012	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/064932	(72)Name of Inventor :
Filing Date	:15/07/2013	1)VLASBLOM Martin Pieter
(87) International Publication No	:WO 2014/012898	2)DIRKS Christiaan Henri Peter
(61) Patent of Addition to Application	:NA	3)VAN WUNNIK Johanna Margaretha
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A product comprising a plurality of interlaced yarns wherein at least a first yarn having a tensile strength having a value TS in N/tex said first yarn containing a plurality of UHMWPE fibres having a titer having a value T in den wherein the ratio T/TS is at least 5 den.tex/N. The tensile strength is obtained by adjusting the drawing ratio or the UHMWPE filaments / fibres accordingly. The product shows resistance to abrasion. The product can be a rope or round slings comprising a sheath / jacket comprising said first yarn.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : BIOMASS CONVERSION SYSTEM HAVING A SINGLE VESSEL HYDROTHERMAL DIGESTION UNIT AND A CATALYTIC REDUCTION REACTOR UNIT FOR INTEGRATED STABILIZATION OF A HYDROLYSATE AND METHOD FOR USE THEREOF

(51) International classification :B01J3/00,C10G1/00,C10G1/06
(31) Priority Document No :61/706371
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061561
Filing Date :25/09/2013
(87) International Publication No :WO 2014/052374
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.**
Address of Applicant :Carel van Bylandtlaan 30 NL 2596 The
Hague Netherlands
(72)**Name of Inventor :**
**1)KOMPLIN Glenn Charles
2)POWELL Joseph Broun**

(57) Abstract :

Digestion of cellulosic biomass solids may be conducted in a pressure vessel that contains both a hydrothermal digestion unit and a catalytic reduction reactor unit. Biomass conversion systems incorporating such a feature may comprise: a pressure vessel that comprises a first section comprising a hydrothermal digestion unit and a second section comprising a first catalytic reduction reactor unit that contains a first catalyst capable of activating molecular hydrogen; wherein the hydrothermal digestion unit and the first catalytic reduction reactor unit are in fluid communication with one another; a biomass feed mechanism that is operatively connected to the pressure vessel the biomass feed mechanism being capable of introducing cellulosic biomass solids to the pressure vessel and also capable of withdrawing a reaction product from the first catalytic reduction reactor unit; and a hydrogen feed line that is operatively connected to the first catalytic reduction reactor unit.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.54/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : IDENTIFYING FOREIGN SERVICE PROVIDER IN A ROAMING REGION

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard, 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHANDARI, Pawan Singh
(87) International Publication No	: NA	2)KHANDURI, Vinod
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for establishing communication through a foreign service provider in a roaming region is disclosed. The method comprises obtaining a cellular service profile associated with a user entering the roaming region, wherein the cellular service profile indicates usage of one or more cellular services availed by the user. Further, retrieving foreign service provider data comprising a tariff plan for availing cellular service of each of one or more foreign service providers operating in the roaming region is retrieved. The method further comprises computing, for each of the one or more foreign service providers, a prospective service usage expense based on the obtained cellular service profile and the foreign service provider data. Further, a preferred roaming list (PRL) comprising the one or more foreign service providers is generated. The method further comprises rendering the (PRL) to a user device (102) of the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.616/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL WIDE-WIDTH TYPE MICROEMBOSSING-BASED HOLOGRAPHIC IMPRESSION EQUIPPED PACKAGING PRODUCT FOR PACKAGING OF FOOD AND FOOD-RELATED ITEMS

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANDEEP BAJAJ
(32) Priority Date	:NA	Address of Applicant :C-582, NEW FRIENDS COLONY,
(33) Name of priority country	:NA	NEW DELHI - 110065 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANDEEP BAJAJ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to the field of packaging industry and is in particular directed towards a novel packaging product for use in the packaging of the food and food related items. The invention more particularly aims at developing a novel and innovative wide-width type holographic impression equipped packaging product for the secure and non-falsifiable packaging of food, foodstuffs and food-related items.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.633/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/03/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : WALL SECTION FOR A WIND TURBINE TOWER AND WIND TURBINE TOWER

(51) International classification	:F03D 11/00	(71)Name of Applicant :
(31) Priority Document No	:EP10160555	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:21/04/2010	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMDAA; ABDERRAHIM
(87) International Publication No	:NA	2)JACOBSEN; JAN
(61) Patent of Addition to Application Number	:NA	3)JENSEN; STEEN KIRKEGAARD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is described a wall section (101, 201) for a tower of a wind turbine, the wall section comprising: an inner edge (115,117;215,217) surrounding an opening (113, 213) of the wall section; a protrusion (119,121,123,125; 219,221) protruding in a thickness direction of the wall section and extending transverse (103,105; 203,205) to the thickness direction. Further is described a wind turbine tower, comprising: a tower wall portion (127,327); and a wall section (101,201) according to an embodiment, wherein the wall section is connected to the tower wall portion at at least a portion of an outer edge of the wall section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : RUPTURE DISC HAVING LASER DEFINED REVERSAL INITIATION AND DEFORMATION CONTROL FEATURES

(51) International classification	:F16K17/40,F16K17/14	(71) Name of Applicant :
(31) Priority Document No	:13/552165	1)FIKE CORPORATION
(32) Priority Date	:18/07/2012	Address of Applicant :704 South 10th Street Blue Springs
(33) Name of priority country	:U.S.A.	Missouri 64015 U.S.A.
(86) International Application No	:PCT/US2013/050096	(72) Name of Inventor :
Filing Date	:11/07/2013	1)WALKER Joseph A.
(87) International Publication No	:WO 2014/014741	2)FARRELL Tom
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reverse acting rupture disc (10) having a laser defined reversal initiation feature (16) is provided in the bulged section (12) of the disc. The reversal initiation feature comprises at least a first lased area (22) that has a reduced thickness relative to rest of the bulged section. A second lased area (24) may also be provided within the margins of the first lased area. The second lased area has a depth that is greater than the depth of the first lased area. A line of weakness (40) may be formed in the bulged section that functions to direct reversal of the bulged section toward a particular area of the disc such as line of opening recess (56).

No. of Pages : 28 No. of Claims : 41

(54) Title of the invention : VEHICLE BODY STRUCTURE

(51) International classification :B61F1/08
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2012/074016
 Filing Date :20/09/2012
 (87) International Publication No :WO 2014/045363
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)HITACHI LTD.Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
Tokyo 1008280 Japan

(72)Name of Inventor :

1)NAKAMURA Hideyuki**2)YAMAMOTO Hisatoshi****3)KAWASAKI Takeshi**

(57) Abstract :

A vehicle body structure (1) provided with a roof body structure (10) side body structures (20) an underframe (40) and bolster beams the bolster beams being provided to the lower surface of the underframe (40) and joining travel devices is configured in such a manner that man hours for manufacturing the vehicle body are reduced by eliminating through pipes and modularizing wiring and piping. At positions close to the ends of the underframe (40) in the longitudinal direction (120) there are provided center bolster beams (47) at the center of the underframe (40) in the widthwise direction (110) and there are also provided end bolster beams (48 48) at both ends of the underframe (40) in the widthwise direction (110). The center bolster beams (47) and the end bolster beams (48 48) are constructed from hollow extruded shape materials each having two opposing surface plates and also each having ribs for connecting the surface plates the two opposing surface plates and ribs being formed by hollow extrusion molding. The center bolster beams (47) are arranged so that the extrusion direction thereof is aligned with the widthwise direction (110) and the end bolster beams (48 48) are arranged so that the extrusion direction thereof is aligned with the longitudinal direction (120). As a result of this configuration modularized wiring and piping can be passed through between the ribs which are formed within the end bolster beams (48 48) and which extend in the longitudinal direction. Consequently the rigidity of the bolster beams is improved and man hours for manufacturing the vehicle body are reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4803/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYBRID ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM AND METHOD

(51) International classification :H04B1/00,
H04L27/28
(31) Priority Document No :60/673,872
(32) Priority Date :22/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/014947
Filing Date :20/04/2006
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :8197/DELNP/2007
Filed on :23/10/2007

(71)Name of Applicant :
1)INTEL CORPORATION
Address of Applicant :2200 MISSION COLLEGE BLVD,
SANTA CLARA ,CA 95054, USA
(72)Name of Inventor :
1)ZHANG, Guodong
2)TSAI, Allan Y
3)PAN, Kyle Jung-Lin

(57) Abstract :

A hybrid orthogonal frequency division multiple access (OFDMA) system including a transmitter 100 and a receiver 200 IF disclosed. The transmitter 100 includes a first spread OFDMA subassembly 130, a first non-spread OFDMA subassembly 140 and a first common subassembly 150. The first spread OFDMA subassembly 130 spreads input data 101 and maps the spread data 103 to a first group of subcarriers 105. The first non-spread OFDMA subassembly 140 maps input data 111 to a second group of subcarriers 115. The first common subassembly 150 transmits the input data mapped to the first and second group of subcarriers using OFDMA. The receiver includes a second spread OFDMA subassembly 230, a second non-spread OFDMA subassembly 240 and a second common subassembly 250. The second common subassembly 250 processes received data to recover data mapped to the subcarriers using OFDMA. The second spread OFDMA subassembly 230 recovers the first input data by separating user data in a code domain and the second non-spread OFDMA subassembly 240 recovers the second input data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.715/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : TURBO MACHINE AND METHOD FOR THE OPERATION THEREOF

(51) International classification :F04D27/00,F04D29/10,F04D29/12
(31) Priority Document No :10 2012 215 823.5
(32) Priority Date :06/09/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/065685
Filing Date :25/07/2013
(87) International Publication No :WO 2014/037149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ALFES Ludger

(57) Abstract :

The invention relates to a turbo machine (TM) particularly a turbo compressor (CO) comprising at least one rotor (R) which extends along an axis (X) at least one gas seal (DGS) which uses a seal gas (SG) to seal a gap (GP) between the rotor (R) and a stator (CAS) of the turbo machine (TM) and a processing module (SGM) which processes process fluid (PF) taken from the high pressure position (HPS) at a tapping (EX) into seal gas (SG) which seal gas (SG) is fed to the gas seal (DGS). In order to reduce the investment costs for processing the seal gas for the gas seal according to the invention a control valve (CV) is provided in a first pipe (PIP1) of the turbo machine (TM) which takes the process fluid (PF) from the high pressure position (HPS) to the processing module (SGM) the turbo machine (TM) has a control unit (CU) which controls the control valve (CV) the turbo machine (TM) has a sensor (SEN) in a second pipe (PIP2) for the seal gas (SG) between the processing module (SGM) and the gas seal (DGS) which sensor determines a pressure (PSG) of the seal gas (SG) between the processing module (SGM) and the gas seal (DGS) the control unit (CU) being designed in such a manner that the control valve (CV) controls the pressure or the mass flow or the volume flow measured by the sensor (SEN).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING A THERMORESPONSIVE FILTRATION MEMBRANE AND THERMORESPONSIVE FILTRATION MEMBRANE

(51) International classification :B01D69/02,B01D71/40,B01D67/00
(31) Priority Document No :12179780.7
(32) Priority Date :09/08/2012
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2013/001988
Filing Date :05/07/2013
(87) International Publication No :WO 2014/023380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
**1)ABETZ Volker
2)CLODT Juliana
3)RANGOU Sofia
4)FILIZ M. Volkan**

(57) Abstract :

The invention relates to a method for producing a thermoresponsive filtration membrane, particularly a microfiltration membrane or ultra-filtration membrane, and a corresponding thermoresponsive filtration membrane. The method according to the invention comprises the following method Steps: a) a filtration membrane is wetted or coated with a dopamine o Solution, b) the dopamine of the dopamine Solution is polymerised in order to produce a polydopamine layer, and c) the polydopamine-coated filtration membrane is immersed into a coating Solution with an end-functionalised poly(iVo isopropylacrylamide) and the poly(iV-isopropylacrylamide) is bound to the polydopamine coating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1523/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : STEEL PLATE

(51) International classification :C22C38/32,C22C38/58,C23C2/06

(31) Priority Document No :2012187959

(32) Priority Date :28/08/2012

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2013/072989

Filing Date :28/08/2013

(87) International Publication
No :WO 2014/034714

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)NIPPON STEEL & SUMITOMO METAL
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2)TAMAKI Akari

3)KOJIMA Nobusato

4)TAKAHASHI Masaru

(57) Abstract :

In this steel plate the cleanliness of the metal structure is no greater than 0.08% the degree of segregation (a) of Mn is no greater than 1.6 and during hot forming the post hot forming average hardness difference (ΔH_v) between a low strain formed section that has incurred a plastic strain of no greater than 5% and a high strain formed section that has incurred a plastic strain of at least 20% is no greater than 40.

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1660/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR THE RECOVERY OF NEODYMIUM AS A VALUE ADDED PRODUCT FROM WSTE HARD DISK OF PERSONAL COMPUTERS.

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG NEW DELHI-110001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANIS KUMAR JHA
(61) Patent of Addition to Application Number	:NA	2)AMRITA KUMARI JHA
Filing Date	:NA	3)SUSHANTA KUMAR SAHU
(62) Divisional to Application Number	:NA	4)ARCHANA KUMARI
Filing Date	:NA	5)VINAY KUMAR

(57) Abstract :

The present invention relates to a process for the recovery of rare earth metal neodymium (Nd) as value added product from scrap hard disk of personal computers (PCs). This invention particularly relates to the recycling of neodymium as a valuable product from obsolete hard disk of personal computers by sulfuric acid leaching followed by selective precipitation of neodymium and leaching of the precipitate in 5-25% hydrogen fluoride solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING FLUOROAROMATICS

(51) International classification :C07C37/62,C07C39/27
(31) Priority Document No :61/672787
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/064361
Filing Date :08/07/2013
(87) International Publication No :WO 2014/012811
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)RACK Michael
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3)MAYWALD Volker
4)WOLF Bernd
5)GEBHARDT Joachim
6)FRASSETTO Timo
7)VOGELBACHER Uwe Josef
8)G-TZ Roland

(57) Abstract :

The present invention relates to a process for manufacturing fluoroaromatics of formula (I), A-F, comprising step a) diazotization of aminoaromatics of formula (II) in anhydrous HF with an aqueous solution of a diazotizing agent; followed by step b) thermic decomposition of the diazonium salt of formula (III) resulting from step a); wherein the variables are defined according to the description.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.733/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : BIOMETRIC VALIDATION METHOD AND BIOMETRIC TERMINAL

(51) International classification :G06Q20/40

(31) Priority Document No :12 109326

(32) Priority Date :29/06/2012

(33) Name of priority country :COLUMBIA

(86) International Application No :PCT/CO2013/000003

Filing Date :21/06/2013

(87) International Publication No :WO 2014/000717

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Bogotá D.C. COLUMBIA

(72)Name of Inventor :

1)BOTERO MONTAÑO Rodrigo

(57) Abstract :

The invention relates to a biometric validation method that is initiated when a person to be identified makes a biometric authentication request by introducing his/her PIN into an electronic device. The request is made through an authorisation centre which receives both the PIN introduced and the code that identifies the fingerprint capture and encoding device to be activated. Upon receiving this information the activation request is sent from the centre to the fingerprint capture and encoding device. Once the print has been captured a print template is obtained which is then encrypted and sent to the centre where it is compared with reference templates. Subsequently the centre sends a corresponding positive or negative authentication signal to the person that made the request. The method can be used for biometric validation using a biometric terminal equipped with means for communicating directly with the centre without any additional software or hardware being installed in the electronic device that requires the biometric identification.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.750/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEMBRANE WITH ISOPOROUS ACTIVE SEPARATION LAYER AND METHOD FOR PRODUCING A MEMBRANE

(51) International classification :B01D69/02,B01D71/80,B01D67/00
(31) Priority Document No :12 179 792.2
(32) Priority Date :09/08/2012
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2013/001984
Filing Date :05/07/2013
(87) International Publication No :WO 2014/023379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
**1)ABETZ Volker
2)CLODT Juliana
3)FILIZ M. Volkan
4)BUHR Kristian**

(57) Abstract :

The invention relates to a method for producing a polymer membrane with an isoporous active separation layer particularly an ultrafiltration membrane or nanofiltration membrane and to a polymer membrane produced or producible according to the invention. The method according to the invention comprises the following steps: producing a casting solution having at least one solvent in which at least one amphiphilic block copolymer with at least two different polymer blocks and at least one carbohydrate are dissolved spreading out the casting solution to form a film allowing a part of the at least one solvent near the surface to evaporate during a waiting time precipitating a membrane by immersing the film in a precipitation bath comprising at least one non solvent for the block copolymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3264/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : REACTOR TRANSFORMER AND POWER CONVERSION APPARATUS USING SAME

(51) International classification :H01F37/00,H01F27/24,H01F27/25
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/075021
Filing Date :31/10/2011
(87) International Publication No :WO 2013/065095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IDE Kazumasa

(57) Abstract :

Either a reactor or a transformer comprises two facing yoke iron cores and a plurality of magnetic support iron cores around which coils are wound and gap adjustment means are disposed. The two facing yoke iron cores are connected with the plurality of magnetic support iron cores and are provided with isotropic magnetic bodies on at least one of the connection parts with said isotropic magnetic bodies being formed from an isotropic magnetic material. A power conversion apparatus further comprises either the reactor or the transformer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ROLL COATING PROCESS AND APPARATUS

(51) International classification	:B05D5/06
(31) Priority Document No	:12179860.7
(32) Priority Date	:09/08/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/066445
Filing Date	:06/08/2013
(87) International Publication No	:WO 2014/023716
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)BIESMANS Kay Marie Allan

(57) Abstract :

The invention relates to a roll coating process for applying a coating layer on a non continuous sheet comprising the steps of 1) applying a liquid coating composition to the top surface of the sheet by passing the sheet horizontally between an applicator roll and a backing roll; 2) forwarding the coated sheet with a coated sheet forwarder; wherein forwarding is interrupted after passing the applicator roll while maintaining a meniscus of liquid coating composition between stopped sheet and rotating applicator roll and forwarding is restarted when the meniscus has disappeared. With this process it is possible to make sheets coated with an optical coating like an anti reflective coating which sheets show markedly smaller and less visible edge defects especially at the trailing edge. The invention also relates to a roll coating apparatus suitable for operating the process of the invention which apparatus comprises at least an applicator roll a backing roll a coated sheet forwarder and control means to operate the sheet forwarder depending on the position of a sheet in the apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ASSEMBLY FOR SUPPORTING A PRESSURE ROLLER ON A LOAD BEARING ELEMENT OF A STRETCHING UNIT AND METHOD FOR PRODUCING SAID ASSEMBLY

(51) International classification	:D01H5/50	(71)Name of Applicant :
(31) Priority Document No	:10 2012 105 898.9	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:03/07/2012	Address of Applicant :Klosterstr. 20 CH 8406 Winterthur
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2013/063820	(72)Name of Inventor :
Filing Date	:01/07/2013	1)STAHLLECKER Gerd
(87) International Publication No	:WO 2014/005990	2)HUBER Karlheinz
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an assembly for supporting a pressure roller (1) on a load bearing element (2) of a stretching unit of a textile machine wherein the assembly comprises a pressure roller retainer (3) for accommodating a rotary shaft (4) of the pressure roller (1) and a spring element (5) connected to the pressure roller retainer (3) by means of which spring element the pressure roller retainer (3) can be connected to the load bearing element (2). According to the invention the spring element (5) is clamped by means of at least one clamping section (6) of the pressure roller retainer (3) lying against an outer circumferential area (24) of the spring element (5) and is thereby fixed on the pressure roller retainer (3). The invention further relates to a method for producing a corresponding assembly said assembly being characterized in that the spring element (5) is aligned with respect to the pressure roller retainer (3) and is clamped at an outer circumferential area (24) by means of at least one clamping section (6) of the pressure roller retainer (3) and is thereby fixed on the pressure roller retainer (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : FEATHER BASED COMESTIBLE COMPOSITIONS AND METHODS FOR MAKING SUCH COMPOSITIONS

(51) International classification :A23K1/10,A23K1/00,A23K1/16
(31) Priority Document No :61/679988
(32) Priority Date :06/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/066366
Filing Date :05/08/2013
(87) International Publication No:WO 2014/023684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

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2)FERNANDES Paulo A.

3)LAVALLARD Thierry

(57) Abstract :

The invention provides methods for making a comestible compositions by producing a mixture comprising from about 20 to about 60% feather from about 30 to about 65% polyol and from about 0.1 to about 3% feather degradation agent; and heating the mixture to a temperature of from about 120 to about 240°C under a pressure of from about 200 to about 1000 psi for a period of from about 2 to about 10 minutes. The invention also provides comestible compositions produced by the methods.

No. of Pages : 21 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2696/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AMLA (PHYLLANTHUS EMBLICA) PIERCING MACHINE FOR MAKING AMLA MURABBA

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RBEF, NEW DELHI
(32) Priority Date	:NA	Address of Applicant :B-27, DEFENCE COLONY, NEW
(33) Name of priority country	:NA	DELHI-110024. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHOK KUMAR RAGHAV
(87) International Publication No	: NA	2)VIVEAK BALLYAN
(61) Patent of Addition to Application Number	:NA	3)RAM KISHAN MALIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an Amla (Phyllanthus Emblica) piercing device for making Amla Murabba which is cost effective, simple in structure, requires low power consumption and easy to operate with longer working life. The present invention relates to the Amla (Phyllanthus Emblica) piercing device which is fully automatic and in which Amla fruits get lined up for needle punching and get punched one by one all around its surface. This machine has the capability of equal depth piercing the Amla in radial directions, which makes the operation non-tearing type. Through a hopper mechanism with mechanical control system, Amla will move in orderly fashion before and after piercing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3432/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A ROBOTIC PIPE CRAWLER CRAWLER FOR INSPECTION OF PIPE

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, DELHI
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI 110016
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALCHANDRAN PREMACHANDRAN
(87) International Publication No	: NA	2)VISHAL MEHTA
(61) Patent of Addition to Application Number	:NA	3)SPARSH KHANDELWAL
Filing Date	:NA	4)YELLA SANDEEP
(62) Divisional to Application Number	:NA	5)DEEPENDRA MEHALAWAT
Filing Date	:NA	6)HARSH KUMAR SINGH

(57) Abstract :

This invention relates to a robotic pipe crawler for inspection of pipe comprising of a base plate accommodating a motor connected to each end of said plate by means of a connecting means supporting a plurality of links mounted with wheel for movement of the robot. The crawler is connected to a cleaning assembly and a camera. The wheel is mounted with an encoder to indicate distance travelled and a gyroscope to indicate direction of motion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4551/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTI-ZONE SPRINKLER SYSTEM WITH MOISTURE SENSORS AND CONFIGURABLE SPRAY PATTERN

(51) International classification	:B05B3/00,
(31) Priority Document No	:11/152,037
(32) Priority Date	:14/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/018878
Filing Date	:16/05/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:31/DELNP/2008
Filed on	:01/01/2008

(71)Name of Applicant :

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(72)Name of Inventor :

1)KATES, Lawrence

(57) Abstract :

An irrigation system comprises sprinkler heads with an electrically configurable spray pattern, moisture sensors, and a controller. Based upon input signals from the moisture sensors, the controller dynamically configures the spray pattern of the sprinkler head to allow more water to fall on areas that need to be watered and less water to fall on areas that do not require additional water. The irrigation system can additionally comprise fire sensors. Based upon input from the fire sensors, the controller activates the sprinklers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : Herbicidally active 6'-phenyl-2,2'-bipyridine-3-carboxylic acid derivatives

(51) International classification	:C07D401/04,A01N43/40	(71)Name of Applicant :
(31) Priority Document No	:12179518.1	1)BAYER CROPSCIENCE AG
(32) Priority Date	:07/08/2012	Address of Applicant :Alfred Nobel Str. 50 40789 Monheim
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2013/066334	(72)Name of Inventor :
Filing Date	:02/08/2013	1)HOFFMANN Michael Gerhard
(87) International Publication No	:WO 2014/023670	2)D-LLER Uwe
(61) Patent of Addition to Application	:NA	3)BRNJES Marco
Number	:NA	4)DIETRICH Hansjrg
Filing Date	:NA	5)GATZWEILER Elmar
(62) Divisional to Application Number	:NA	6)ROSINGER Christopher Hugh
Filing Date	:NA	7)SCHMUTZLER Dirk

(57) Abstract :

6-Phenyl-2,2-bipyridine-3-carboxylic acid derivatives of the general formula (I) are described as herbicides. In this formula (I), R1 to R5 represent radicals such as hydrogen, organic alkyl radicals, and other radicals such as halogen, nitro, cyano and formyl.

No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.745/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : THIOETHERIFICATION OF MERCAPTANES IN C4 HYDROCARBON MIXTURES

(51) International classification :C07C319/18
(31) Priority Document No :102012212317.2
(32) Priority Date :13/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063300
Filing Date :25/06/2013
(87) International Publication No :WO 2014/009148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GEILEN Frank
5)BUKOHL Reiner
6)SCHALLENBERG Jrg
7)RIX Armin
8)WOLFF Andreas
9)LEIPOLD Matthias

(57) Abstract :

The invention relates to a method for the thioetherification of mercaptanes with polyunsaturated hydrocarbons carried out in a reactor with the addition of hydrogen using a heterogenic catalyst and in the presence of 1 butene. The aim of the invention is to develop such a method to the extent that the creation of value from the C raw material stream is increased. Said aim is achieved in that the hydrogen is added to the reaction in such a manner that the molar ratio of hydrogen to polyunsaturated hydrocarbons is no more than one.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : KEYED SPIN ON FILTER ELEMENT

(51) International classification :B01D27/08

(31) Priority Document No :61/675965

(32) Priority Date :26/07/2012

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

(86) International Application No :PCT/US2013/052181

Filing Date :26/07/2013

(87) International Publication No :WO 2014/018825

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PARKER HANNIFIN CORPORATION

Address of Applicant :6035 Parkland Boulevard Cleveland
Ohio 44124 U.S.A.

(72)Name of Inventor :

1)JENSEN Russell D.

2)LAFORGE Jeffrey W.

(57) Abstract :

A filter element for installation in a filter element adapter assembly with a keyed retractable shroud for covering external threads configured to receive the filter element is provided. The filter element includes an end cap having one or more keyed fingers protruding axially and radially therefrom to engage with keyed passageways on the retractable shroud.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3106/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A TOPICAL FORMULATION DEVELOPMENT OF PREPARATION FOR HYPERPIGMENTATION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RAJ KUMAR NARANG
(32) Priority Date	:NA	Address of Applicant :I.S.F. COLLEGE OF PHARMACY,
(33) Name of priority country	:NA	FZR G T ROAD, MOGA (PUNJAB) INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPIKA TANWAR
(87) International Publication No	: NA	2)DEVYANI DUBE
(61) Patent of Addition to Application Number	:NA	3)DR. AMIT GOYAL
Filing Date	:NA	4)DR. RAJ KUMAR NARANG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a topical formulation development of preparation for hyperpigmentation and methods of preparation thereof. This combination therapy (ascorbic acid, niacinamide and ellagic acid) of gel will fulfill all the perspective like synergistic effects of combined therapies, stability of whitening formulation, safety, antioxidant property, non toxicity and retention in particular layers of skin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3106/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF MANUFACTURING GEAR AND FORGING APPARATUS FOR MANUFACTURING GEAR

(51) International classification	:B21K1/30	(71)Name of Applicant :
(31) Priority Document No	:2013-231682	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:08/11/2013	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKESHI OZEKI
Filing Date	:NA	2)SHOJI NAMIKI
(87) 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 forging apparatus (22) carries out a method of manufacturing a gear (10) having external teeth (20) on an 5 outer circumferential wall surface thereof and internal teeth (18) on an inner circumferential wall surface thereof. First, an internal tooth forming die (50) is inserted through a through hole (12) defined in a workpiece (24). Next, a pressing die (94) is caused to abut against the 10 workpiece (24), and an external tooth machining die (82) finishes the external teeth (20) while preventing a support die (62) from being lowered under action of damping mechanisms (30). Thereafter, a pressing die (94) presses the workpiece (24) to apply a load in excess of a preset 15 load for the damping mechanisms (30). The support die (62) is then lowered to lower the workpiece (24) along the internal tooth forming die (50). At this time, the internal teeth (18) are formed on the inner circumferential wall surface of the workpiece (24).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3207/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FRICTION CLUTCH FOR ACCESSORY DRIVE

(51) International classification	:F16D27/04	(71)Name of Applicant :
(31) Priority Document No	:14/135,280	1)BORGWARNER INC.
(32) Priority Date	:19/12/2013	Address of Applicant :3850 Hamlin Road, Auburn Hills, MI
(33) Name of priority country	:U.S.A.	48326-2872 (US) U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)QIN, Shiwei
(87) 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 fail-safe friction clutch assembly for a vehicle accessory, particularly to drive a vehicle cooling pump or cooling fan. The friction clutch assembly includes a friction plate member connected to a central rotatable shaft member used for operating the vehicle accessory. A pair of friction lining members are positioned on opposite sides of the friction plate member. An armature member is spring biased to axially force the friction plate member and friction lining member against a housing or cover which is rotating at input speed. A solenoid assembly is used to overcome the spring bias and pull the armature and friction plate member away from the housing.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR PRODUCING A COMPOUND REPRESENTED BY THE GENERAL FORMULA (4)

(51) International classification	:C07C257/18, C07C251/86,
(31) Priority Document No	:2006-090705
(32) Priority Date	:29/03/2006
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2007/000307
Filing Date	:27/03/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8301/DELNP/2008
Filed on	:01/10/2008

(71)**Name of Applicant :**
1)MITSUI CHEMICALS, INC.
Address of Applicant :5-2, Higashi-Shimbashi, 1-chome,
Minato-ku, Tokyo 105-7117, Japan
(72)**Name of Inventor :**
1)HIDEKI UMETANI
2)TOSHIYUKI KOHNO

(57) Abstract :

A process for producing a compound represented by the general formula (4) comprising converting the compound represented by the general formula(I) into a compound represented by the general formula (2) by performing the catalytic hydrogenation of a compound represented by the general formula (1) in the presence of an acid, and reacting the compound represented by the general formula (2) with a compound represented by the general formula (3) wherein the compound represented by the general formula (3) is in the amount of not less than 1 equivalent to not. more than 3 equivalent based on the amount of the compound represented by the general formula(2), wherein, R1, R2 , R3, R4 , and R5 are as hereinbefore described.

No. of Pages : 97 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN APPARATUS FOR TRANSPLANTING PLANTS

(51) International classification	:A01C1/04
(31) Priority Document No	:PA 2013 70660
(32) Priority Date	:08/11/2013
(33) Name of priority country	:Denmark
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)Plant Tape Altea S.L.
Address of Applicant :Ctra. de la Llobatona, 6D, 08840
Viladecans Barcelona, Spain.
2)Plant Tape USA, Inc.
(72) **Name of Inventor :**
1)Carlos Joaquin Gusi Gracia
2)Bram Gerardus Stroot

(57) Abstract :

Described herein is an apparatus useful in the transplantation of plants. The apparatus for transplanting plants comprises a transplanting module configured to transplant a plurality of plants in a row, the transplanting module comprising: a soil contacting surface (skid plate) being substantially planar to a soil to be planted, a keel member to create a furrow in the soil where the keel extends a predefined distance below the soil contacting surface, where an outer periphery of the keel member defines the depth of the furrow, a carrying means configured to support the plant, where the carrying means extend from a position that is above the soil contacting surface and below the soil contacting surface, and extending a predefined depth into the furrow for transporting of the plant from the apparatus and into the furrow where the carrying means has a distal end for discharging the plant, and where the carrying means are configured to expose an outer periphery of the plant below the soil contacting surface so that at least one side wall of the furrow comes into contact with an outer periphery of the plant before the plant is discharged from the distal end of the carrying means, a transport means for supporting and transporting the plant via the carrying means and into the furrow along a longitudinal axis that is substantially parallel to the planting direction of the apparatus, where the transport means is configured to release the plant when the plant has reached its predefined depth into the furrow.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3472/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A STRIP FOR DETECTION OF ADDED UREA IN MILK AND PROCESS FOR THE SAME

(51) International classification	:A23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAVAN DR. RAJENDRA
(86) International Application No	:NA	PRASAD ROAD, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHARMA, RAJAN
(61) Patent of Addition to Application Number	:NA	2)PANCHAL, BHAVESHKUMAR R.
Filing Date	:NA	3)RAJPUT, YUDHISHTHIR SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for preparation of urea-detecting strip and its use in qualitative detection of urea in milk is evolved. A paper strip is coated with enzyme for making detection urea specific. The qualitative detection can be achieved by dipping the strip and then placing on non-absorbent surface and then comparing colour of strip with standard colour chart. The strip can be used for detection of urea adulteration in milk. The results are available in 2 min and strip can be used at house hold level and milk collection center. The developed method uses the art, wherein colour is uniform and thus decision making is better.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4587/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : NUCLEOSIDE DERIVATIVES AND THERAPEUTIC USE THEREOF

(51) International classification	:A61K31/513,
(31) Priority Document No	:60/558,141
(32) Priority Date	:01/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011313
Filing Date	:01/04/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5747/DELNP/2006
Filed on	:01/04/2005

(71)**Name of Applicant :**
1)REXAHN CORPORATION
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Rockville, Maryland 0850, USA
(72)**Name of Inventor :**
1)AHN Chang H.
2)CHOI Won J.
3)LEE Young B.
4)JEONG Lak S.
5)LEE Sang K.

(57) Abstract :

The present invention relates to nucleoside derivatives represented by general formulas (I) and (II), their synthetic methods and their pharmacologically acceptable salts thereof, and compositions containing such compounds. Methods for treating hyperproliferative disorders by administering the compounds are also included.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4588/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A COMPOUND

(51) International classification	:B01J31/02
(31) Priority Document No	:05104531.8
(32) Priority Date	:26/05/2005
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2006/062606
Filing Date	:24/05/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9068/DELNP/2007
Filed on	:26/11/2007

(71)Name of Applicant :

1)TIBOTEC PHARMACEUTICALS LTD.

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Co Cork, Ireland

(72)Name of Inventor :

1)DIDIER PHILIPPE ROBERT SCHILS

2)ALFRED ELISABETH STAPPERS

(57) Abstract :

A compound of formula (Figure) or a salt thereof, wherein R is C1-4alkyl.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7822/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GAS TURBINE PLANT HAVING EXHAUST GAS RECIRCULATION

(51) International classification :F02C1/06, F02C7/08
(31) Priority Document No :00274/12
(32) Priority Date :29/02/2012
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2013/054036
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400
Baden Switzerland

(72)Name of Inventor :

1)BENZ Eribert

2)GRAF Frank

(57) Abstract :

The invention relates to a gas turbine plant (1), comprising a gas turbine device (2), which has a compressor (5) and at least one burner (6, 7) and at least one gas turbine (8, 9), a waste heat boiler assembly (3), which has a boiler inlet side (10) connected to a turbine outlet (12) and a first boiler outlet (13) connected to a flue (15) and a second boiler outlet (14), and an exhaust gas recirculation (4), which connects the second boiler outlet (14) to a compressor inlet (18). A simplified structure can be achieved in that the waste heat boiler assembly (3) has a first boiler exhaust gas path (20), which is connected to the boiler inlet side (10) and leads to the first boiler outlet (13), and that the waste heat boiler assembly (3) has a second boiler exhaust gas path (21), which is connected to the boiler inlet side (10) and leads to the second boiler outlet (14) separately from the first boiler exhaust gas path (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7708/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL AND NOISE ESTIMATION

(51) International classification	:H03D1/04, H04L27/06
(31) Priority Document No	:60/731,423
(32) Priority Date	:28/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/060372
Filing Date	:30/10/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3485/DELNP/2008
Filed on	:28/04/2008

(71)**Name of Applicant :**
1)Qualcomm Incorporated
Address of Applicant :5775 Morehouse Drive, San Diego, CA
92121-1714, USA.
(72)**Name of Inventor :**
1)BYOUNG-HOON KIM

(57) Abstract :

The present invention relates to method and apparatus, said apparatus comprising: at least one processor to obtain samples from multiple receive antennas for a multiple-input multiple-output (MIMO) transmission sent from multiple transmit antennas, to determine channel conditions based on the samples, to select one of multiple channel and noise estimation schemes based on the channel conditions, and to perform channel and noise estimation based on the selected channel and noise estimation scheme, wherein the channel conditions are characterized by a ratio of a combined energy of non-strongest signal paths that exceed a threshold to an energy of a strongest signal path; and a memory coupled to the at least one processor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.804/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DETACHABLE MRUDANGAM

(51) International classification

:B07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)THIRUMALACHARI RAMASAMI

3)MANDAYAM DEVASIKHAMANI NARESH

4)KRISHNASWAMY KALAI ARASU

5)ANTHONY JOHNSON KENNEDY

6)VISWANATHAN ARUMUGAM

7)RAMASWAMY SANJEEVI

8)ASIT BARAN MANDAL

(57) Abstract :

The present invention is a modified mrudangam - a south Indian percussion instrument, which is travel friendly in which the right and left playing drumheads along with the adjacent region of the shell are separated and accommodated in to the hollow of the remaining portion of the shell which when attached again restores the shape, dimensions and functionality of the musical instrument.

No. of Pages : 14 No. of Claims : 11

(54) Title of the invention : A SYSTEM FOR PERFORMING A TREND ANALYSIS •

(51) International classification	:G06Q30/02, G06Q50/00
(31) Priority Document No	:60/799,442
(32) Priority Date	:10/05/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/068665
Filing Date	:10/05/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9081/DELNP/2008
Filed on	:30/10/2008

(71)Name of Applicant :

1)THERANOS, INC.Address of Applicant :1430 OTMBrien Drive, Suite H, Menlo Park, CA 94025, United States of America.

(72)Name of Inventor :

1)ELIZABETH A. HOLMES**2)IAN GIBBONS**

(57) Abstract :

A system for performing a trend analysis on the concentration of influenza viral particles in a plurality of bodily fluid samples obtained from a subject, the system comprising: a) a fluidic device comprising a sample collection unit and a cartridge, wherein said cartridge comprises an immunoassay assembly, wherein said sample collection unit is configured to allow a sample of bodily fluid to react with a first immunoassay reagent and second immunoassay reagent, both of which immunoassay reagents are contained within said immunoassay assembly, wherein one of said immunoassay reagents binds to a hemagglutinin and the other of said immunoassay reagents binds to a neuraminidase to yield one or more detectable signals indicative of the presence of both said hemagglutinin and said neuraminidase on a single viral particle; b) a reader assembly comprising a detection assembly for detecting said one or more detectable signals, and c) a communication assembly for transmitting said detected signal to an external device, wherein the system is configured to a) allow a bodily fluid sample suspected of containing an influenza viral particle to react with a first immunoassay reagent and a second immunoassay reagent, both of which immunoassay reagents are contained within an immunoassay assembly of a cartridge, wherein said first immunoassay reagent binds to a hemagglutinin molecule to form a first immune complex on said influenza viral particle, and wherein said second immunoassay reagent binds to a neuraminidase molecule to form a second immune complex on said influenza viral particle, said immune complexes yielding one or more detectable signals that indicate the simultaneous presence of hemagglutinin and neuraminidase on said influenza viral particle, wherein either the first or second immunoassay reagent is immobilized on a solid support; b) detect said one or more detectable signals generated from said immune complexes, wherein said simultaneous presence of hemagglutinin and neuraminidase is indicative of the presence of and concentrations of said influenza viral particles in the sample; and to c) repeat steps a) and b) for one or more further bodily fluid samples obtained from the subject over a period of time to detect concentrations of said analyte over said period of time, effective that the system is configured to perform said trend analysis.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6712/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MEASURING ELECTRICAL QUANTITY IN ELECTRICAL NETWORK

(51) International classification :G01R19/25,G01R21/133,G01R15/14
(31) Priority Document No :11154476.3
(32) Priority Date :15/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052301
Filing Date :10/02/2012
(87) International Publication No :WO 2012/110418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Switzerland
(72)Name of Inventor :
1)VALTARI Jani

(57) Abstract :

A method and system for measuring an electrical quantity (EQ) in an electrical network (EN). Samples of the electrical quantity (EQ) are measured at different feeders (F1, F2, F3, F4, F5) or locations of the electrical network (EN) in turns at different time instants (3/4) and a value sequence (VS) is created on the basis of the measured samples.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.723/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLATE PROCESSING DEVICE

(51) International classification :B23D19/06,B23D19/08,B23D17/02
(31) Priority Document No :1020120074028
(32) Priority Date :06/07/2012
(33) Name of priority country:Republic of Korea
(86) International Application No :PCT/KR2013/005882
Filing Date :03/07/2013
(87) International Publication No :WO 2014/007529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PARK Young Keun
Address of Applicant :179 Geumpa ro Gimpo si Gyeonggi do
415 802 Republic of Korea
(72)Name of Inventor :
1)PARK Young Keun

(57) Abstract :

The present invention relates to a plate processing device for processing one surface of a plate having a band shape and the plate processing device comprises: a plurality of cutting members for cutting one surface of a plate by rotating the plate; a base unit on which each of the plurality of cutting members are rotationally provided; a first driving unit which rotates the base unit and moves at least one cutting member from among the plurality of cutting members to a cutting position; a second driving unit for rotating the cutting member located at the cutting position; and a third driving unit which moves the base unit in a processing direction of the plate so as to move the cutting member located at the cutting position in the processing direction of the plate.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.741/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANALYTICAL SYSTEM WITH CAPILLARY TRANSPORT

(51) International classification :G01N35/00,B65G47/14,G01N35/10
(31) Priority Document No :61/701360
(32) Priority Date :14/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059667
Filing Date :13/09/2013
(87) International Publication No :WO 2014/043474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BECKMAN COULTER INC.
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92821 U.S.A.
(72)Name of Inventor :
1)RETTTER Robert
2)LIU Yagang
3)PANG Patty
4)PETERSON Brian

(57) Abstract :

An analytical system (600) is disclosed. The analytical system includes a storage container (606) configured to store a plurality of capillaries. It also includes a gripper (618) configured to receive at least one of the plurality of capillaries and move the at least one capillary so that an end of the capillary contacts a sample in a sample container (614) and draws the sample in the capillary. The system also includes a reader (612) configured to detect a signal from the sample in the capillary.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7577/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYBRID ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM AND METHOD

(51) International classification	:H04B1/00, H04L27/28
(31) Priority Document No	:60/673,872
(32) Priority Date	:22/04/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/014947
Filing Date	:20/04/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8197/DELNP/2007
Filed on	:23/10/2007

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG, Guodong
2)TSAI, Allan Y
3)PAN, Kyle Jung-Lin

(57) Abstract :

A hybrid orthogonal frequency division multiple access (OFDMA) system including a transmitter 100 and a receiver 200 IF disclosed. The transmitter 100 includes a first spread OFDMA subassembly 130, a first non-spread OFDMA subassembly 140 and a first common subassembly 150. The first spread OFDMA subassembly 130 spreads input data 101 and maps the spread data 103 to a first group of subcarriers 105. The first non-spread OFDMA subassembly 140 maps input data 111 to a second group of subcarriers 115. The first common subassembly 150 transmits the input data mapped to the first and second group of subcarriers using OFDMA. The receiver includes a second spread OFDMA subassembly 230, a second non-spread OFDMA subassembly 240 and a second common subassembly 250. The second common subassembly 250 processes received data to recover data mapped to the subcarriers using OFDMA. The second spread OFDMA subassembly 230 recovers the first input data by separating user data in a code domain and the second non-spread OFDMA subassembly 240 recovers the second input data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8246/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND KIT FOR IMMUNOLOGICAL DETECTION OF MYCOBACTERIUM TUBERCULOSIS COMPLEX

(51) International classification :G01N33/569,G01N33/48,G01N33/53
(31) Priority Document No :2012086566
(32) Priority Date :05/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/060301
Filing Date :04/04/2013
(87) International Publication No :WO 2013/151122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ARNOTECH CO. LTD.
(72)**Name of Inventor :**
1)NONAKA Urao
2)KITAGAWA Toshiyuki

(57) Abstract :

Provided are a method and a kit in which heating treatment is applied to a Biological sample containing Mycobacterium tuberculosis complex, thereby causing Mycobacterium tuberculosis complex-specific secretory protein, in particular MPB64, to be secreted outside of the bacterial cells, and the obtained treatment sample is subjected to immunological measurement, whereby Mycobacterium tuberculosis complex is detected in a more swift and simple manner without culturing the biological sample.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.743/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING ALUMINA

(51) International classification :C01F7/20,C22B21/00,C22B3/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2012/000592
Filing Date :20/07/2012
(87) International Publication No :WO 2014/014379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO TEKHNOLGICHESKIY TSENTR
Address of Applicant :ul. Pogranichnikov 37/1 Krasnoyarsk 660111 Russia
(72)Name of Inventor :
1)SENYUTA Aleksandr Sergeevich
2)PANOV Andrey Vladimirovich

(57) Abstract :

The invention relates to metallurgy in particular to acidic methods for producing alumina and can be used in the processing of low grade aluminium containing stock. The method for producing alumina comprises burning the aluminium containing stock treating the product with hydrochloric acid salting out aluminium chloride by saturating the clarified chloride solution with gaseous hydrogen chloride calcining the aluminium chloride in order to produce aluminium oxide and pyrohydrolyzing the mother liquor with the hydrogen chloride being returned to the acid treatment stage and being salted out. In order to increase the quality of the alumina and reduce energy consumption the aluminium chloride precipitated during the salting out process is treated with ammonium hydroxide the residue produced is sent for calcination and the solution of ammonium chloride is mixed with the aluminium containing stock before the latter is burned or during the burning process ammonia separated out during the burning is dissolved in water and the ammonium hydroxide produced is sent for treating the aluminium chloride. The solution of ammonium chloride can be subjected to phased concentration by evaporation with repeated use of heating steam before being mixed with the aluminium containing stock. The ammonium chloride separated out when concentrating the ammonium chloride by evaporation can be mixed with the aluminium containing stock.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTIMIZED PRODUCTION OF AROMATIC DICARBOXYLIC ACIDS

(51) International classification :C07C51/255,
B01J8/04
(31) Priority Document No :60/606,585
(32) Priority Date :02/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/30832
Filing Date :29/08/2005
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :441/DELNP/2007
Filed on :17/01/2007

(71)**Name of Applicant :**
1)GRUPO PETROTEMEX, S.A. DE C.V
Address of Applicant :Ricardo Margain No. 444, Torre sur,
Piso 16 Col Valle del Campestre 66265 San Pedro Garza Garcia,
Nuevo Leon (81) 8748 1500, Mexico
(72)**Name of Inventor :**
1)ROBERT LIN
2)MARCEL DE VREEDE

(57) Abstract :

A process comprising: (a) providing a slurry comprising a solid phase and a liquid phase, wherein said solid and liquid phases contain terephthalic acid, respectively (b) subjecting at least a portion of said terephthalic acid contained in said solid phase to oxidation treatment in the presence of a catalyst to thereby produce oxidation-treated terephthalic acid; and (c) subjecting at least a portion of said terephthalic acid contained in said liquid phase to hydrogenation treatment in the presence of a catalyst to thereby produce hydrogenation-treated terephthalic acid.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : WINDING ARRANGEMENT

(51) International classification	:H02K 3/28
(31) Priority Document No	:EP10161250
(32) Priority Date	:28/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)BOOTH; JAMES KENNETH

(57) Abstract :

The invention describes a winding arrangement (1) for an armature (2) of an electric machine (4) , which winding arrangement (1) comprises a plurality of coils (CI, C2, C3) and a plurality of distinct winding types (W1, W2, W3) , wherein the coils (CI, C2, C3) are arranged on the armature (2) such that each coil (10, 20, 30) comprises the same number of windings (10, 20, 30) and the same number of each of the distinct winding types (W1, W2, W3) . The invention further describes an armature (2) for a generator (4), comprising a plurality of coils (CI, C2r C3) , wherein the coils (CI, C2, C3) are arranged on the armature (2) according to such a winding arrangement. The invention also describes a wind turbine (5) with a generator (4) comprising a rotor (3) and a stator (2), and wherein a plurality of coils (CI, C2, C3) is arranged on the stator (2) according to such a winding arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : VARIABLE DELIVERY, AXIAL PISTON, PRESSURE COMPENSATED HYDRAULIC PUMP FOR PSLV(POLAR SATELLITE LAUNCH VEHICLE)

(51) International classification	:F16J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIESDIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DGM (EQUIPMENTS) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED, ACCESSORIES
(86) International Application No	:NA	DIVISION, FAIZABAD ROAD, LUCKNOW-226016, U.P.,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KAUSTUBH MUKHOPADHYAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The pump is made up of three main segments-namely Cradle Housing, Actuator Housing & Valve Plate assembly. The Cradle Housing houses two trunnions which support Cradle. The Cradle has two lugs on either sides and is provided with housing for locating needle rollers for supporting it on to a Cradle Housing. One arm bears the Stroking Piston controls while the other holds the Rate Piston. The balance between these pistons controls angle of tilt of the Cradle. The Cradle holds plunger shoe assembly with the help of a shoe hold-down plate and retainer. The Cradle Housing also houses Drive shaft, Quill shaft and Shaft Seal Assembly. One end of the Drive Shaft is located in the Cradle Housing on ball bearing. Other end of the shaft drives the Cylinder Block through a splined coupling. The cradle housing has integral mounting flange for coupling it to the gas motor. It also has a seal drain port for collection of seal drain leakage through shaft seal assembly. Actuator Housing Assembly houses Cylinder block. It locates the Cylinder block with the help of a special roller bearing which is located at the centre line of the piston balls. The face of the cylinder block rests against the Valve Plate. The Actuator Housing also houses Stroking Piston and Rate Piston for controlling the movement of the cradle. It has a case drain port connection for case drain leakage. Valve Plate is held on to the Actuator Housing with the help of 4 bolts. Valve Plate has suction & pressure ports. It also houses compensator sub assembly consisting of a spool, a sleeve held against a spring and an adjusting nut for pressure setting. Drilled holes are provided in the valve plate connecting the pressure port to compensator sub assembly and Stroking Piston. All the three segments i.e. Actuator Housing, Cradle housing & Valve plate are held together with socket head bolts and are provided with flange seal and gasket to prevent external leakage.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARTICULATED SLIDING DOOR ASSEMBLY FOR A PUBLIC TRANSPORTATION VEHICLE, IN PARTICULAR FOR A RAILWAY VEHICLE

(51) International classification	:E05D15/10	(71) Name of Applicant :
(31) Priority Document No	:13193211.3	1)BOMBARDIER TRANSPORTATION GMBH
(32) Priority Date	:15/11/2013	Address of Applicant :Schneberger Ufer 1, 10785 Berlin,
(33) Name of priority country	:EPO	Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PLAQUIN Bernard
(87) 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 articulated sliding door assembly comprises a door leaf (24) and a guide rail assembly (20) for guiding the door leaf (24) in translation parallel to a horizontal sliding direction (100) relative to the guide rail assembly (20) between a first end position and a second end position and a linkage for guiding the guide rail assembly (20) with respect to a doorway (10) between a recessed position and a protruding position. The doorway (10) is closed by the door leaf when the guide rail assembly (20) is in the recessed position and the door leaf is in the first end position, and open when the guide rail assembly (20,42) is in the protruding position and the door leaf is in the second end position. The linkage allows only a pivoting movement of the guide rail assembly (20) about a vertical pivot axis (50) fixed relative to the doorway (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3475/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : EMERGENCY PHONE-BOOK ACCESS.

(51) International classification	:H04M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AAKASH CHAUDHARY
(32) Priority Date	:NA	Address of Applicant :#272, SECTOR-6, PANCHKULA,
(33) Name of priority country	:NA	HARYANA-134109 India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AAKASH CHAUDHARY
(87) International Publication No	: NA	2)BAADAL CHAUDHARY
(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 emergency access of phone-book data on any mobile communications device of any OS platform by simply entering the user credentials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3476/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DYNAMIC TEXT ATTRIBUTION WITH MOOD CONVEYED.

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AAKASH CHAUDHARY
(32) Priority Date	:NA	Address of Applicant :#272, SECTOR-6, PANCHKULA,
(33) Name of priority country	:NA	HARYANA-134109 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AAKASH CHAUDHARY
(87) International Publication No	: NA	2)BAADAL CHAUDHARY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A text attribution method and apparatus for reading material that is displayed on digital devices or print media to enrich the users reading experience by automatically segregating the text into segments based on mood conveyed by each segment and applying a suitable font and/or color to that segment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTIMIZED PRODUCTION OF AROMATIC DICARBOXYLIC ACIDS

(51) International classification	:C07C51/255, B01J8/04
(31) Priority Document No	:60/606,585
(32) Priority Date	:02/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/30832
Filing Date	:29/08/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:441/DELNP/2007
Filed on	:17/01/2007

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Nuevo Leon (81) 8748 1500, Mexico

(72)Name of Inventor :

1)ROBERT LIN

2)MARCEL DE VREEDE

(57) Abstract :

A process comprising: (a) providing a slurry comprising a solid phase and a liquid phase, wherein said solid and liquid phases contain terephthalic acid, respectively (b) subjecting at least a portion of said terephthalic acid contained in said solid phase to oxidation treatment in the presence of a catalyst to thereby produce oxidation-treated terephthalic acid; and (c) subjecting at least a portion of said terephthalic acid contained in said liquid phase to hydrogenation treatment in the presence of a catalyst to thereby produce hydrogenation-treated terephthalic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7908/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPRATUS FOR PRODUCING METHANOL WITH HYDROCARBON RECYCLING

(51) International classification	:C07C27/10, C07C27/00,
(31) Priority Document No	:11/319,093
(32) Priority Date	:27/12/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/004912
Filing Date	:13/02/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6514/DELNP/2008
Filed on	:25/07/2008

(71)Name of Applicant :

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Michigan 49796, United States of America

(72)Name of Inventor :

1)PAWLAK, Nathan A.

2)VEDENEEV, Vladimir, Ivanovich

(57) Abstract :

An apparatus and method of producing methanol includes reacting a heated hydrocarbon-containing gas and an oxygen-containing gas in a reactor; to provide a product stream comprising methanol; and transferring heat from the product stream to the hydrocarbon-containing gas to heat the hydrocarbon containing gas. After removing methanol and CO₂ from the product stream, unprocessed hydrocarbons are mixed with the hydrocarbon containing gas fro reprocessing through the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8283/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)**Name of Applicant :**

1)KATES, Lawrence

Address of Applicant :1111 Bayside Drive, Corona Del Mar, California 92625, U.S.A.

(72)**Name of Inventor :**

1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :08/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPENSATION OPTIMIZATION SYSTEMS AND METHODS

(51) International classification

:G06Q

(31) Priority Document No

:61/925,116

(32) Priority Date

:08/01/2014

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)JADIA, Abhishek

Address of Applicant :A70, Florence Grand, Sector 57,
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2)VATS, Bhupesh

3)MEHRA, Mohit

(72)Name of Inventor :

1)JADIA, Abhishek

2)VATS, Bhupesh

3)MEHRA, Mohit

(57) Abstract :

A system for optimizing a candidate compensation offer for a position within an organization that includes a compensation optimization engine capable of using candidate information and internal organization information about a position to objectively analyze the candidate and organization information against candidate and organizational constituencies to generate a user interface tool that enables organization personnel to create an objective offer based on the candidateTMs value to the organization via the position.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING AUDIBLE AND/OR ELECTRICAL NOISE FROM ELECTRICALLY OR MECHANICALLY EXCITED CAPACITORS

(51) International classification	:H01G2/06
(31) Priority Document No	:61/694827
(32) Priority Date	:30/08/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/056737
Filing Date	:27/08/2013
(87) International Publication No	:WO 2014/035929
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALLISON TRANSMISSION INC.

Address of Applicant :One Allison Way Indianapolis IN 46222 U.S.A.

(72)Name of Inventor :

1)SLAGLE Steve D.

2)SHAW James D.

3)MIMMS George C.

4)ERICKSON Kyle E.

(57) Abstract :

Devices and methods are disclosed for reducing vibration and noise from capacitor devices. The device includes a circuit board and first and second capacitor structures. The second capacitor structure has substantially the same properties as the first and is coupled to the opposite face of a supporting structure substantially opposite of the first capacitor structure. The first and second capacitor structures can receive substantially the same excitation signals can be electrically connected in parallel or in series. The first and second capacitor structures can be discrete capacitors capacitor layers stacks or arrays of multiple capacitor devices or other capacitor structures. Stacks of multiple capacitor devices can be arranged symmetrically about the supporting structure. Arrays of multiple capacitor devices can be arranged with offsetting capacitors on the opposite face of the supporting structure substantially opposite one another.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7624/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SOLID FORMULATION COMPRISING PIMOBENDAN •

(51) International classification	:A61K9/20, A61K31/501	(71)Name of Applicant : 1)BOEHRINGER INGELHEIM VETMEDICA GMBH Address of Applicant :Binger Strasse 173, 55216 Ingelheim, Germany
(31) Priority Document No	:10 2004 011 512.5	(72)Name of Inventor : 1)MARTIN ANDREAS FOLGER
(32) Priority Date	:08/03/2004	2)BERNHARD HASSEL
(33) Name of priority country	:Germany	3)STEFAN HENKE
(86) International Application No	:PCT/EP2005/002133	4)JENS SCHMALZ
Filing Date	:01/03/2005	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:4842/DELNP/2006	
Filed on	:23/08/2006	

(57) Abstract :

Fluid-bed granulation process comprising the steps: a) an aqueous solution of pimobendan and a binder is sprayed onto a solid support comprising one or several carriers and/or excipients, flavor and citric acid anhydrous; and b) the mixture of a) is dried; and c) the mixture of b) is sieved and de-agglomerated; and d) a flow regulator is added to the mixture of c); and e) a lubricant is added to the mixture of d); and f) the mixture of e) is blended for uniformity of granules to obtain final 5 granules; and/or g) the final granules off) are compressed to tablets.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BRONZE PLASTING OF THICKNESS 0.6 TO 0.7 MM ON STEEL TO PRODUCE BI-METALLIC SHOE OF HYDRAULIC PUMP AERONAUTICAL APPLICATION.

(51) International classification	:C22B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIESDIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DGM(EQUIPMENTS) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED, ACCESSORIES
(86) International Application No	:NA	DIVISION, FAIZABAD ROAD, LUCKNOW-226016, U.P.,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KAUSTUBH MUKHOPADHYAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The hydraulic pump is divided in to three main sections. Cradle Housing assembly. Actuator Housing assembly. Valve Plate assembly. The rotating group of the pump consists of drive shaft assy, plungershoe assembly with shoe hold down plate, retainer, retainer bush & cylinder block housed in the central portion of the unit. In the Cradle housing, the Cradle holds plunger-shoe assembly with the help of a shoe hold-down plate and retainer. The plunger shoe joints are hydraulically balanced during the delivery stroke against the cradle. The axial load acting on the piston is balanced through the holes provided in plungers & shoes which act under the area of the face of the shoe. The pressure gradient acting across the land of the shoe is balanced effectively against the pressure force on the plungers. This also maintains a thin oil film between shoe & cradle face resulting in no metal to metal contact except during starting and stopping. The control leakage across this results in high volumetric efficiency and low frictional losses. The bimetallic shoe is made for strength, durability as well as lubricating/anti seizure properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8284/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)Name of Applicant :

1)KATES, Lawrence

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(72)Name of Inventor :

1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8285/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)**Name of Applicant :**
1)KATES, Lawrence
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(72)**Name of Inventor :**
1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8287/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)**Name of Applicant :**
1)KATES, Lawrence
Address of Applicant :1111 Bayside Drive, Corona del Mar, California 92625, U.S.A
(72)**Name of Inventor :**
1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

No. of Pages : 54 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8288/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)**Name of Applicant :**
1)KATES, Lawrence
Address of Applicant :1111 Bayside Drive, Corona del Mar, California 92625, U.S.A
(72)**Name of Inventor :**
1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

No. of Pages : 54 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2693/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NANOSTRUCTURED COPPER-SELENIDE (CU₂SE) WITH HIGH THERMOELECTRIC FIGURE-OF-MERIT AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)BATHULA SIVAIAH

3)TYAGI KRITI

4)SRIVASTAVA AVANISH KUMAR

5)DHAR AJAY

6)BUDHANI RAMESH CHANDRA

(57) Abstract :

Present invention provides nanostructured p-type copper-selenide (Cu₂Se) as a costeffective thermoelectric material with a high thermoelectric figure-of-merit. The nanostructured Cu₂Se claimed in this invention is a cost-effective p-type thermoelectric material having a high figure-of-merit of 2 at 973 K and is synthesized employing high energy ball milling process followed by reaction sintering under pressure at high heating rates using spark plasma sintering of the resulting nanopowders. The sintered Cu₂Se shows a density of 99.9% of theoretical density and retains the nanoscale features introduced during ball milling leading to a thermoelectric figure of merit of 2 at 973 K.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.350/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONVERTING CARBON MONOXIDE AND WATER INTO CARBON DIOXIDE AND HYDROGEN, WITH REMOVAL OF ONE OR MORE PRODUCTS

(51) International classification :C01B 3/12
(31) Priority Document No :10 2009 035 388.7
(32) Priority Date :30/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/059094
Filing Date :25/06/2010
(87) International Publication No :WO 2010/012385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)Name of Inventor :
1)BALDAUF; MANFRED
2)GRAEBER; CARSTEN
3)HANEUTH; MARC
4)ZIMMERMANN; GERHARD

(57) Abstract :

A method for converting carbon monoxide and water into carbon dioxide and hydrogen, with simultaneous removal of one or more products, is described, comprising the following steps: in a first reactor (1), carbon monoxide CO from the gas phase is bound in a first solvent and converted into formate HCOO^- , in a third reactor (3), formate HCOO^- is decomposed and resultant hydrogen H_2 is removed, and in a second reactor (2) a solid which is a hydrogencarbonate salt or a carbonate salt is removed. The thermal decomposition of the solid and the expulsion of the carbon dioxide CO_2 are carried out in an additional fourth reactor (4), optionally in a second solvent. Further presented is apparatus for converting carbon monoxide and water into carbon dioxide and hydrogen, comprising a fourth reactor (4) which thermally decomposes solids formed in the course of the reaction, and gives off carbon dioxide CO_2 .

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6653/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF PROTECTING A COMPONENT AGAINST HOT CORROSION AND A COMPONENT PROTECTED BY SAID METHOD

(51) International classification	:C23C10/60, C23C10/56
(31) Priority Document No	:GB0612576.9
(32) Priority Date	:24/06/2006
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2007/055296
Filing Date	:31/05/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9574/DELNP/2008
Filed on	:17/11/2008

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2, 80333, Munich, Germany
(72)**Name of Inventor :**
1)WALKER; PAUL MATHEW
2)WHITEHURST; MICK

(57) Abstract :

A method of protecting a component, in particular a turbine blade, from the effects of hot corrosion includes the steps of (1) applying a chromium diffusion coating to the component and (2) applying a coating of a ceramic material to one or more selected regions of the chromium diffusion coating. The selected regions are regions which, in subsequent use of the component, are subjected to temperatures lower than a predetermined temperature. The ceramic material preferably includes a binder combined with a metal oxide. In a preferred embodiment, a turbine blade is coated over the whole of its internal and external surfaces with the chromium diffusion coating; an aluminium diffusion coating is then applied, through a mask, to the aerofoil surfaces and the internal surfaces of the blade; the mask is removed and the ceramic material is applied as an overlay to the chromium diffusion coating in a region between the platform and the root of the blade.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8319/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN UNCURED, POLYMERIZABLE COMPOSITION

(51) International classification	:C08F291/02, C08F291/12,
(31) Priority Document No	:05112193.7
(32) Priority Date	:15/12/2005
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2006/069314
Filing Date	:05/12/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5122/DELNP/2008
Filed on	:13/06/2008

(71)**Name of Applicant :**
1)HUNTSMAN ADVANCED MATERIALS
(SWITZERLAND) GMBH
Address of Applicant :Klybeckstrasse 200, CH-4057, Basel,
Switzerland
(72)**Name of Inventor :**
1)PAULINE BARKER GOODALL
2)DIMITER LUBOMIROV KOTZEV

(57) Abstract :

The invention relates to cured (meth)acrylate based adhesive composition, comprising at least two co-continuous phases of interpenetrating networks and at least two types of polymeric inclusions, in which one of the co-continuous phases comprises a polymer or copolymer based on at least one acrylic or methacrylic acid monomer or a derivative thereof. These compositions exhibit better fracture toughness, especially at low temperatures.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.53/DEL/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR FABRICATING A FRANCIS-TYPE RUNNER FOR A HYDRAULIC MACHINE, AND RUNNER FABRICATED USING SUCH A MEHTOD

(51) International classification	:F03B3/12	(71)Name of Applicant :
(31) Priority Document No	:1450121	1)ALSTOM RENEWABLE TECHNOLOGIES
(32) Priority Date	:08/01/2014	Address of Applicant :82, AVENUE LEON BLUM, 38100
(33) Name of priority country	:France	GRENOBLE, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROSSI, GEORGES AUGUSTE
(87) International Publication No	: NA	2)RUDELLE, GUILLAUME
(61) Patent of Addition to Application Number	:NA	3)BARTHELET, ERIC
Filing Date	:NA	4)MEYNIEL, STEPHANE
(62) Divisional to Application Number	:NA	5)MATHIEU, LOUIS
Filing Date	:NA	

(57) Abstract :

method for fabricating a francis-type runner for a hydraulic machine, and runner fabricated using such a method This method relates to the fabrication of a Francis-type runner (1) for a hydraulic machine which comprises: - a runner band (6) including at least two elements partially defining the runner band (6), - a runner crown (4) including at least two elements partly defining the runner crown (4), and - a plurality of blades (2) extending between the runner crown and the runner band, the blades (2) each being fitted in between two elements of the runner band (6) and between two elements of the runner crown (4). The method comprises steps which are, successively in which: ., - a) the blades (2), the elements of the runner band (6) and the elements of the runner crown (4) are fabricated separately, then - b) all the elements of the runner band (6) are welded to the blades (2) using an electron beam welding method, then - c) all the elements of the runner crown (4) are welded to the blades (2) using an electron beam welding method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7705/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL AND NOISE ESTIMATION

(51) International classification	:H03D1/04, H04L27/06	(71)Name of Applicant : 1)Qualcomm Incorporated
(31) Priority Document No	:60/731,423	Address of Applicant :5775 Morehouse Drive, San Diego, CA
(32) Priority Date	:28/10/2005	92121-1714, USA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2006/060372	1)BYOUNG-HOON KIM
Filing Date	:30/10/2006	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:3485/DELNP/2008	
Filed on	:28/04/2008	

(57) Abstract :

The present invention relates to method and apparatus, said apparatus comprising: at least one processor to obtain samples from multiple receive antennas for a multiple-input multiple-output (MIMO) transmission sent from multiple transmit antennas, to determine channel conditions based on the samples, to select one of multiple channel and noise estimation schemes based on the channel conditions, and to perform channel and noise estimation based on the selected channel and noise estimation scheme, wherein the channel conditions are characterized by a ratio of a combined energy of non-strongest signal paths that exceed a threshold to an energy of a strongest signal path; and a memory coupled to the at least one processor.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7706/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL AND NOISE ESTIMATION

(51) International classification	:H03D1/04, H04L27/06
(31) Priority Document No	:60/731,423
(32) Priority Date	:28/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/060372
Filing Date	:30/10/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3485/DELNP/2008
Filed on	:28/04/2008

(71)Name of Applicant :
1)Qualcomm Incorporated
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92121-1714, USA
(72)Name of Inventor :
1)BYOUNG-HOON KIM

(57) Abstract :

The present invention relates to method and apparatus, said apparatus comprising: at least one processor to obtain samples from multiple receive antennas for a multiple-input multiple-output (MIMO) transmission sent from multiple transmit antennas, to determine channel conditions based on the samples, to select one of multiple channel and noise estimation schemes based on the channel conditions, and to perform channel and noise estimation based on the selected channel and noise estimation scheme, wherein the channel conditions are characterized by a ratio of a combined energy of non-strongest signal paths that exceed a threshold to an energy of a strongest signal path; and a memory coupled to the at least one processor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8588/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF ORGANIC COMPOUNDS

(51) International classification	:C07D233/56, C07C205/12
(31) Priority Document No	:60/688,976
(32) Priority Date	:09/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/022154
Filing Date	:07/06/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8681/DELNP/2007
Filed on	:07/06/2006

(71)Name of Applicant :

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Address of Applicant :Lichtstrasse 35, CH-4056 Basel,
Switzerland

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2)ACEMOGLU Murat

3)ERB Bernhard

4)KRELL Christoph

5)SCLAFANI Joseph

6)MEISENBACH Mark

7)PRASHAD Mahavir

8)SHIEH Wen-Chung

9)XUE Song

(57) Abstract :

The present invention provides an efficient, safe and cost effective way to prepare 5-(4-methyl-1Himidazol-1-yl)-3- (trifluoromethyl)-benzenamine which is a key intermediate for the preparation of substituted pyrimidinylaminobenzamides of formula (11).

No. of Pages : 29 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING AT LEAST ONE GAS HAVING A LOW CO₂ CONTENT AND AT LEAST ONE FLUID HAVING A HIGH CO₂ CONTENT

(51) International classification	:B01D 53/00
(31) Priority Document No	:0955972
(32) Priority Date	:02/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051825
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/027079
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)L'AIR LIQUIDE, SOCIETE ANONYME POUR
L'ETUDE ET L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE**

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FRANCE

(72)Name of Inventor :

**1)MONEREAU CHRISTIAN
2)WEBER BOURHY CLAIRE
3)LOCKWOOD FREDERICK
4)TRANIER JEAN-PIERRE
5)WAGNER MARC**

(57) Abstract :

The invention relates to a method for producing at least one gas having a low CO₂ content and one or more fluids having a high CO₂ content from a fluid to be treated containing CO₂ and at least one compound that is more volatile than CO₂, said method implementing at least the following steps: a) cooling said fluid to be treated; and b) separating, at a low temperature, said fluid cooled during step a) into said having a low CO₂ content and one or more fluids having a high CO₂ content; at least part of the cooling performed in step a) being carried out by exchanging heat with at least one fraction of said gas having low CO₂ content in one or more regenerative exchangers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1017/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : VERSATILE MORTICE LOCK WITH NIGHT LATCH

(51) International classification

:E05B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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202001, UTTAR PRADESH, INDIA

(72)Name of Inventor :

1)RAMESH CHAND AGARWAL

(57) Abstract :

Disclosed is a versatile mortice lock with night latch. The mortice lock comprises a lock body affixed to a facing edge portion of the door and a box keep adapted to be fixed to a door jamb of the door. The lock body comprises a lock base plate, a support plate, a latch bolt, a bearing latch bolt and a door safety lever. The latch bolt and the bearing latch bolt are operatively connected to each other such that the bearing latch bolt assume a first extended position or a first retracted position corresponding to which the latch bolt assumes a second retracted position or a second extended position, respectively. The box keep comprises a box base plate, a side strip and a curled strip. A handle is operatively coupled to the latch bolt. Also, an alarm is provided that is activated upon the lock assuming the unlocked position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1368/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TERROIST HUNTING SNAKE/BORDER SECURITY SNAKE.

(51) International classification	:A01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMIT GURIA
(32) Priority Date	:NA	Address of Applicant :LUNKARANSAR, BIKANER-334603,
(33) Name of priority country	:NA	RAJASTHAN. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention kill or uncon to terrorist or enemy countries soldiers. It helps in Robotic or Gorilla war. Using to Terrorist hunting snake we can save us soldiers life and make secure our border. It is very very useful to Indian army in war or security to Indian border in every climate and every places and also in public places.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3158/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTIMICROBIAL COATING BASED ON IN-SITU GENERATED NANO SILVER IN HYPERBRANCHED ALKYD URETHANE AND METHOD OF PREPARATION THEREOF.

(51) International classification

:C08G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)RAMAVATH BALOJI NAIK

2)RAJAMANI MOLHAN RAM

3)TAPAN KUMAR MAHATO

4)DEBDATTA RATBA

5)SHAILESH KUAMR SINGH

(57) Abstract :

This invention relates to a novel hyperbranched urethane alkyd silver nanocomposite based antimicrobial coatings and method of preparation which are useful as binder for protecting wide variety of substrates against bacterial growth. The present invention in particularly relates to nanocomposite coatings in which nano silver is generated by in situ approach in the hyperbranched alkyd resin. The hyperbranched urethane alkyd nanocomposite based antimicrobial coating of the present invention is effective against both gram positive as well as gram negative bacteria. The present invention is safe for exposure to human beings. The invention has applications as antimicrobial coating on ships, interior parts of houses and places where protection against antimicrobial growth is required.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLVENT FREE PROCESS OF MAKING A THREE-DIMENSIONAL POROUS SCAFFOLD

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY NEW DELHI
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY HAUZ KHAS, NEW DELHI-110016 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIVASTAVA RAJIV K
(87) International Publication No	: NA	2)NANDAN BHANU
(61) Patent of Addition to Application Number	:NA	3)KANKARIYA NIMESH
Filing Date	:NA	4)SANWARIA SUNITA
(62) Divisional to Application Number	:NA	5)PAL JIT
Filing Date	:NA	

(57) Abstract :

The present invention provides a single step, solvent free process for generation of three-dimensional porous scaffolds via in-situ porosity generation during polymerization involving homo-polymerization or cross-linking. The threedimensional scaffolds developed are comprised of aliphatic polyesters or aliphatic carbonates using lactones, lactides or cyclic carbonates as monomers and organometallic compounds as catalysts for polymerization and therefore the mode of polymerization or cross-linking developed is based on ring-opening polymerization. The purity of the monomers or catalyst is selected over a wide range to suit the applicability of the process at commercial level. The main advantages of the process are that use of organic solvents can be avoided in making three-dimensional porous scaffolds and the process is applicable to not only homo-polymers but also cross-linked polymers.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOBLE METAL QUANTUM CLUSTERS

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PUNEET KHANDELWAL
(61) Patent of Addition to Application Number	:NA	2)DHEERAJ KUMAR SINGH
Filing Date	:NA	3)PANKAJ PODDAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein provides tunable process for the preparation of water dispersive, biocompatible, fluorescent L-cystine labeled sold (Au) quantum clusters without using any toxic reactants. Further the invention discloses application of synthesized fluorescent gold (Au) quantum clusters in the field of nano-medicine, fluorescence imaging and florescence based sensors.

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

(54) Title of the invention : PISTON RING

(51) International classification :C23C14/06,C23C14/32,C23C28/04
 (31) Priority Document No :10 2012 200 378.9
 (32) Priority Date :12/01/2012
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2013/050557
 Filing Date :14/01/2013
 (87) International Publication No :WO 2013/104784
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)LAMMERS Ralf
2)BAUER Christiane
3)FISCHER Manfred
4)VETTER Jrg

(57) Abstract :

Disclosed is a piston ring (1) having a substrate (10) to which a wear resistant coating (20) is applied that includes at least one first element with a melting point $T_m \leq 700^\circ\text{C}$. The wear resistant coating (20) contains at least one second element with a melting point $T_m > 760^\circ\text{C}$. The wear resistant coating also includes droplets (30) which have a diameter (D) and which contain at least the first element wherein at least 90% of the droplets (30) have a value $1 \mu\text{m} \leq D \leq 10 \mu\text{m}$. In the method for producing a wear resistant coating (20) using an arc evaporation technique the target material includes at least one first element with a melting point $T_m \leq 700^\circ\text{C}$ and at least one second element with a melting point $T_m > 760^\circ\text{C}$ wherein the quantity of the second material contained in the target material is such that the melting point (T_m) of the target material $\geq 1000^\circ\text{C}$.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.727/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : STEEL FOR REINFORCING BARS AND REINFORCING BAR

(51) International classification :C22C38/00,C22C38/34,C22C38/54
(31) Priority Document No :2012191652
(32) Priority Date :31/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004997
Filing Date :23/08/2013
(87) International Publication No :WO 2014/034070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HONJO Minoru
2)UWAI Kiyoshi
3)ENDO Shigeru

(57) Abstract :

Provided is a steel for reinforcing bars with which a reinforcing bar having high strength and excellent bending workability can be produced with excellent drawability. This steel for reinforcing bars has a component composition which contains from 0.37% by mass to 0.50% by mass (inclusive) of C from 1.75% by mass to 2.30% by mass (inclusive) of Si from 0.2% by mass to 1.0% by mass (inclusive) of Mn from 0.01% by mass to 1.2% by mass (inclusive) of Cr from 0.05% by mass to 1.0% by mass (inclusive) of Mo 0.025% by mass or less of P 0.025% by mass or less of S and 0.0015% by mass or less of O and wherein C Si and Cr are added so as to satisfy a predetermined relation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.744/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MOBILITY PROCEDURES

(51) International classification :H04W36/32
(31) Priority Document No :61/679253
(32) Priority Date :03/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/061369
Filing Date :03/06/2013
(87) International Publication No :WO 2014/019740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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3)TEYEB Oumer
4)GUNNARSSON Fredrik
5)MILDH Gunnar
6)WAGER Stefan
7)FADAKI Mojgan

(57) Abstract :

Cooperating nodes and methods therein for mobility procedures in a wireless communication system supporting UE groups. One of the cooperating nodes is a base station being associated with a UE group comprising UEs having correlated mobility related parameters. The method in the base station comprises receiving from a first UE in the UE group a mobility related parameter associated with the first UE. The method further comprises determining whether to initiate a mobility related procedure for a second UE in the UE group based on the received mobility related parameter; and further comprises initiating the mobility related procedure for the second UE when it is determined that the mobility related procedure is to be performed. Thereby prediction and decisions related to mobility events e.g. handover events for the second UE or for the whole group may be performed e.g. before or without receiving any mobility information related to the second UE thereby enabling early prediction and better preparation which can lead to more robust mobility procedures.

No. of Pages : 81 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : FREE-DRAINING FINNED SURFACE ARCHITECTURE FOR A HEAT EXCHANGER

(51) International classification :F28F 1/32
(31) Priority Document No :61/243,064
(32) Priority Date :16/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029416
Filing Date :31/03/2010
(87) International Publication No :WO 2011/034633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ALAHYARI ABBAS A.
5)BENDAPUDI SATYAM
6)JOARDAR ARINDOM
7)GORBOUNOV MIKHAIL B.

(57) Abstract :

A free-draining heat exchanger includes a first heat exchange tube, a second heat exchange tube spaced from and generally parallel to the first heat exchange tube, and a fin contacting the first and second heat exchange tubes. The fin includes a louver and at least one drainage enhancement feature for promoting removal of liquid from external surfaces of the heat exchanger. A free-draining fin structure includes an array of fins disposed between adjacent heat exchange tubes for improving water drainage by reducing liquid surface tension. Each fin in the array includes an opening and a louver for directing airflow through the opening and around the fin and at least one drainage enhancement feature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.831/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : STEP REGULATED TRANSFORMER RECTIFIER UNIT FOR LIGHT COMBAT AIRCRAFT (LCA-TEJAS)

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DGM (EQUIPMENTS) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED, ACCESSORIES
(86) International Application No	:NA	DIVISION, FAIZABAD ROAD, LUCKNOW-226016 Uttar
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)A.K. SHRIVASTAVA
Filing Date	:NA	2)K.K. SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Transformer Rectifier Unit is developed as a part of DC Power Generation System for Light Combat Aircraft known as LCA-Tejas. It has been designed to receive incoming power from 30, 200VLL, 400HZ AC Bus and provides regulated 28V DC (Nominal), 250 Amps DC power for operating DC loads of LCA. Two exactly similar units (one acts as Hot standby) are used in one aircraft and one TRU-1 is described here and shown in attached Fig.-1. This TRU is based on 12 pulse and Step-regulation technology. Stepregulation technology invented here can deliver smoother and closely regulated DC supply for equipments of aircraft. TRU for LCA fighter aircraft has been invented to- 1. Provide DC power (work as main power source) to be distributed over the aircraft. 2. To provide regulation of voltage at various load & input voltage condition meeting specification given in Annexure-1 and meet the various unique requirement of platform (LCA) to be used. The developed unit shown in Figure-1 mainly consists of 30 stepdown power transformer (three phase input & six phase output), single phase transformers, control circuit & rectifiers. Snubber circuits are used for spikes suppression. Filter circuit and bleeder resistance are connected across DC output. The heat generated within the TRU is taken out using force cooling provided by a high speed 30 miniature fan. A thermostat is attached on the power transformer to monitor thermal health of the transformer. The output of thermostat is taken out through the connector marked as Signal Receptacle. The developed unit has been rigorously tested for applicable military standards and has type approval for Military applications from Centre of Military Airworthiness (CEMILAC, Bangalore).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.849/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : VAPOR PHASE ASSISTED POST-CONSUMER POLYMER PROCESSING APPARATUS AND METHOD

(51) International classification	:C08J 3/00
(31) Priority Document No	:61/222,547
(32) Priority Date	:02/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040952
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/003088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BHATT, GIRISH, C.

(57) Abstract :

Embodiments of the invention provide a process for processing post-consumer polymer. The polymer is contacted with a control medium having a carrier gas and a reactive vapor. Such a process is useful for processing post-consumer polymers with lower energy and reactants than with liquid reactants, and also promotes decontamination of the recycled polymer during the reaction.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.868/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRICAL CHARGING DEVICE

(51) International classification :H02J 3/18
(31) Priority Document No :10 2009 038 033.7
(32) Priority Date :19/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061975
Filing Date :17/08/2010
(87) International Publication No :WO 2011/020831
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIEDRICHS VOLKER
2)BEEKMANN ALFRED

(57) Abstract :

The present invention concerns a charging apparatus (1) for charging electric storage devices (28) of electric vehicles including a feed-in unit (2) for feeding electric energy into an electric ac voltage network (14) including an electric dc voltage intermediate circuit (6) for the intermediate storage of electric energy with an intermediate circuit voltage, and an inverter (8) which is provided for converting a direct current and/or a dc voltage of the dc voltage intermediate circuit (6) into an alternating current, for feeding it into the electric ac voltage network (14) and for converting an alternating current from the ac voltage network (14) into a direct current and/or into a dc voltage for feeding it into the dc voltage intermediate circuit (6), and at least one accumulator unit (4) and/or at least one charging connection for the connection of an accumulator unit (4) for at least partial charging of one of the electric storage devices (28) from the dc voltage intermediate circuit (6) and/or for at least partial discharging of one of the electric storage devices (28) into the dc voltage intermediate circuit (6).

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD OF DYNAMIC CORRELATION VIEW FOR CLOUD BASED INCIDENT ANALYSIS AND PATTERN DETECTION

(51) International classification

:g06f

(31) Priority Document No

:14/085,247

(32) Priority Date

:20/11/2013

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)DEEPAKUMAR SUBBIAN

3)DEEPAK SUNDER MEGANATHAN

(57) Abstract :

A method and apparatus including a cloud server saving a plurality of security events that occurred within a secured area where each saved security event includes an identifier on a device or person monitored by the security system, an identifier of the monitoring function that triggered the saving of the event in the cloud and a time of the event, a user input receiving an identifier of the monitored device or person and at least two different functions monitored by the security system and a processor downloading information of some of the plurality of saved events identified by the received identifiers from the cloud server and presenting the downloaded information of each event at corresponding locations along a timeline.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.717/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : DISPLAY APPARATUS

(51) International classification	:G09F9/33,H01L51/50	(71)Name of Applicant :
(31) Priority Document No	:1020120073117	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:04/07/2012	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2013/002155	(72)Name of Inventor :
Filing Date	:18/03/2013	1)IN Woo Sung
(87) International Publication No	:WO 2014/007454	2)KIM Sung Ki
(61) Patent of Addition to Application	:NA	3)KIM Sru
Number	:NA	4)PAEK Byung Joo
Filing Date	:NA	5)CHO Jin Hyun
(62) Divisional to Application Number	:NA	6)KIM Yong Jin
Filing Date	:NA	

(57) Abstract :

A display apparatus is provided. The display apparatus includes: a display panel which displays an image on a front surface thereof; and a heat spreading module having a shape corresponding to the display panel to support a rear surface opposite the front surface of the display panel wherein the heat spreading module includes a heat spreader including a working fluid therein and at least one channel provided therein to guide the working fluid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.752/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF INCREASING BIOACTIVE COMPOUNDS IN A PLANT

(51) International classification :A01N65/00,A01H3/04,A01H5/08

(31) Priority Document No :2012/05221

(32) Priority Date :13/07/2012

(33) Name of priority country :South Africa

(86) International Application
No :PCT/IB2013/055822

Filing Date :15/07/2013

(87) International Publication
No :WO 2014/009935

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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Town South Africa

(72)Name of Inventor :

1)KLAASEN Jeremy

(57) Abstract :

This invention relates to a method of increasing bioactive compounds in a plant. In particular the invention relates to increasing the polyphenolic and/or total soluble solids content in a plant by administration of an extract of to the plant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7845/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTIVIRAL DISINFECTANTS AND APPLICATIONS •

(51) International classification	:A61L2/18
(31) Priority Document No	:60/771,744
(32) Priority Date	:09/02/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/003148
Filing Date	:07/02/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5836/DELNP/2008
Filed on	:04/07/2008

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2)MACINGA, David R.
3)ARBOGAST, James W.

(57) Abstract :

The present invention relates to a virucidally-enhanced alcoholic composition comprising at least 50 wt. % of a C1-6 alcohol; from 0.02 to 20 wt. % of a cationic oligomer or polymer, and from 0.01 to 1 wt. % of a copper or zinc compound, all based upon the total weight of the alcoholic composition, wherein said virucidal composition exhibits an efficacy against non-enveloped viruses that is higher than the efficacy of the same composition but not comprising said cationic oligomer or polymer or said copper or zinc compound. The invention also provides a method of inactivating non-enveloped virus particles the method comprising contacting non-enveloped virus particles with the virucidally-enhanced alcoholic composition.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.857/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : PTH-CONTAINING THERAPEUTIC/PROPHYLACTIC AGENT FOR OSTEOPOROSIS, CHARACTERIZED IN THAT PTH IS ADMINISTERED ONCE A WEEK IN A UNIT DOSE OF 100 TO 200 UNITS

(51) International classification :A61K 38/22
(31) Priority Document No :2009-208039
(32) Priority Date :09/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/065379
Filing Date :08/09/2010
(87) International Publication No :WO 2011/030774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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3)MASUNAGA, YUIKO

4)NOZAKI, YOSHIHIDE

5)KOBAYASHI, NOBUYUKI

6)KURODA, TATSUHIKO

7)KATO, HIROKI

8)SERADA, MASASHI

9)HORI, KAZUYOSHI

(57) Abstract :

To provide a method of treating osteoporosis by PTH that has excellent safety and high efficacy. To provide a method for inhibiting/preventing bone fractures by PTH that has excellent safety. And to provide a drug to do this. [Means of Achievement] A drug containing PTH as the active ingredient, characterized in that a unit dose of PTH of 100 to 200 units is administered weekly in the above method.

No. of Pages : 103 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR MAKING AN ELASTOMERIC APERTURED WEB

(51) International classification	:B26F 1/20
(31) Priority Document No	:12/534,353
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044186
Filing Date	:03/08/2010
(87) International Publication No	:WO 2011/017285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)QURESHI, KHALID
2)SCHMIDT, EDWARD, LAWRENCE, JR.

(57) Abstract :

A method for making an elastomeric apertured web comprises providing a precursor web comprising a laminate which is subjected to incremental stretching to form an elastomeric precursor web. A forming apparatus is provided comprising a first member and a second member, wherein the first member comprises a mating member, and the second member comprises teeth which are joined to the second member. The elastomeric precursor web is moved through the forming apparatus, wherein apertures are formed in the elastomeric precursor web material as the teeth on the second member penetrate the mating member forming an elastomeric apertured web. The elastomeric apertured web exhibits a WVTR of at least about 1000 g/m²/day.

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

(54) Title of the invention : POINT SUPPORTED ELEMENT OR FLAT CONCRETE CEILING

(51) International classification :E04C5/06,E04C5/065,E04C3/294

(31) Priority Document No :12005851.6

(32) Priority Date :13/08/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/062555

Filing Date :18/06/2013

(87) International Publication No :WO 2014/026781

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Germany

(72)Name of Inventor :

1)BAUMEISTER Ulrich**2)FURCHE Johannes**

(57) Abstract :

The invention relates to a point supported element or flat concrete ceiling (BD) that comprises a transverse force and punching reinforcement (B) into which a lattice beam (1) that tapers on a support vertical axis (A) is integrated wherein the lattice beam comprises lower chords (U) and a continuous upper chord (O) or anchoring elements (10) arranged with open spaces (Z) between one another and at least one serpentine diagonal strut section (D) with upper and lower bent portions (11,12) between each two successive diagonal struts (S1,S2) said bent portions being secured in securing points (SO, SU). The diagonal struts (S1,S2) are angled in the same manner upwards and in the direction of the support (T). The diagonal strut (S1) nearest to the support is inclined at a steeper angle (a) < 90° relative to the lower chords (U) and the preceding diagonal strut (S2) further from the support is inclined at an angle which is flatter by at least 10° of 45° = (a2) < 90° such that of the concrete anchoring zones (VO,VU) formed by the diagonal strut (S1) nearest to the support the upper concrete anchoring zone (VO) lies closer to the support vertical axis (A) than the lower concrete anchoring zone (VU).

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CAPSULE FOR USE IN A FOOD PREPARATION MACHINE

(51) International classification :B65D85/804,A47J31/36,A47J31/44
(31) Priority Document No :12181655.7
(32) Priority Date :24/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067381
Filing Date :21/08/2013
(87) International Publication No :WO 2014/029803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NESTEC S.A.
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1)TALON Christian
2)ODET Samuel
3)DENISART Jean Luc

(57) Abstract :

The present invention is directed to a capsule (11) for containing a food ingredient, adapted to be functionally inserted in the cavity of a food preparation machine (1), characterized in that said capsule (11) comprises at least one resilient portion (17, 19, 20, 21, 22, 23, 25, 26, 27, 29, 31, 33, 34, 35, 38) that is deformable when said capsule is inserted into the machine cavity, and/or when said cavity is closed, and in that at least one machine operational data is function of the elastic deformation properties of the resilient portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.862/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : THE RING OPENING OF LACTONES AND LACTAMS

(51) International classification :C07C 231/02

(31) Priority Document No :61/232,886

(32) Priority Date :11/08/2009

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

(86) International Application No :PCT/US2010/045121

Filing Date :11/08/2010

(87) International Publication No :WO 2011/019789

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

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2)MASSACHUSETTS INSTITUTE OF TECHNOLOGY

(72)Name of Inventor :

1)FOLEY MEGAN ALENE

2)JAMISON TIMOTHY F.

3)REPIC OLJAN

(57) Abstract :

The present invention provides a novel process for opening a lactone and/or a lactam ring. More particularly, the present invention provides a process that employs a novel catalyst in the opening of a lactone ring and/or a lactam ring. Additionally, the present invention also provides a novel deprotection process of any protecting group present in either the lactone ring-containing and/or lactam ring-containing compound and/or in the ring-opened product thereof.

No. of Pages : 98 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8814/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR INCREASING THE CATALYTIC ACTIVITY OF AN OLEFIN POLYMERIZATION CATALYST COMPONENT AT HIGHER TEMPERATURES •

(51) International classification	:C08F4/651, C08F4/655	(71)Name of Applicant : 1)BOREALIS TECHNOLOGY OY Address of Applicant :P.O. Box 330, FIN-06201 Porvoo, Finland
(31) Priority Document No	:06011309.9	(72)Name of Inventor :
(32) Priority Date	:31/05/2006	1)PETER DENIFL
(33) Name of priority country	:EUROPEAN UNION	2)TIMO LEINONEN
(86) International Application No	:PCT/EP2007/004838	
Filing Date	:31/05/2007	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:9674/DELNP/2008	
Filed on	:20/11/2008	

(57) Abstract :

A process for increasing the catalytic activity of an olefin polymerization catalyst component at higher temperatures, comprising the steps of a) preparing a solution of a complex of a group 2 metal and an electron donor by reacting a compound of said metal with said electron donor or a precursor thereof and an organic liquid reaction medium; b) adding said solution of said complex to at least one titanium compound comprising titanium in the oxidation state of 4, to produce an emulsion the dispersed phase of which contains more than 50 mol% of the group 2 metal in said complex; c) agitating the emulsion in order to maintain the droplets of said dispersed phase within such an average size range of from 5 to 200 nm; d) solidifying said droplets of the dispersed phase; and e) recovering the solidified particles of the olefin polymerization catalyst component; wherein the increase in activity is achieved by decreasing the amount of titanium present in said solidified particles of the olefin polymerization catalyst component being present in the oxidation state of +4 by adding a reducing agent.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SECONDARY BATTERY CONNECTING STRUCTURE AND SECONDARY BATTERY APPARATUS PROVIDED WITH SAME

(51) International classification :H01M2/20,H01M2/10,H01M2/30

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2012/069628
Filing Date :01/08/2012

(87) International Publication No :WO 2014/020731

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YAMAMOTO Hirofumi

2)KOIKE Noboru

3)SHIMIZU Hideo

4)YANAGISAWA Hirotaka

5)SHUDO Tadashi

6)WADA Satoshi

(57) Abstract :

According to the embodiment of the present invention a battery connecting structure for connecting electrode terminals of a plurality of battery cells (12) to each other each of said battery cells having electrode terminals (22, 23) is provided with: a connecting member (40) which integrally has a connecting section (42) and a cylindrical engaging section (46) extending from the connecting section and being engaged in the inner hole of each of the electrode terminals and which is formed of a conductive material; and a spring member (52) which is fitted in an inner hole of the engaging section and which presses the engaging section to the inner surface of each of the electrode terminals.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification :A61F13/15,A61F13/49,A61F13/494
(31) Priority Document No :2012218716
(32) Priority Date :28/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005767
Filing Date :27/09/2013
(87) International Publication No :WO 2014/050137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNICHARM CORPORATION
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shi Ehime 7990111 Japan
(72)Name of Inventor :
1)SAKAGUCHI Satoru

(57) Abstract :

A disposable diaper (10) includes a pair of leg stretch units (75) extending along the leg opening (35) and can expand and contract in the product longitudinal direction. A separation distance (D2) between the ends the leg stretch units (75) in the rear waistline region 30 is longer than the separation distance (D1) between the ends of the leg stretch units (75) in the front waistline region (20). The leg stretch units extending from the crotch region towards the rear waistline region are convex outwardly in the product widthwise direction. The leg stretch units extending from the crotch region towards the front waistline region are convex towards an inner side in the product widthwise direction.

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7584/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING DIMETHYL CARBONATE

(51) International classification	:C07C29/128, C07C68/06
(31) Priority Document No	:60/890,288
(32) Priority Date	:16/02/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/050570
Filing Date	:15/02/2008
(87) International Publication No	:WO2008/099369
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4652/DELNP/2009
Filed on	:15/02/2008

(71)Name of Applicant :
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(72)Name of Inventor :
1)VIC FERNANDEZ Ignacio
2)FILLION Benoit
3)MURTHY Vutukuru
4)NAIR Vinod
5)PEREZ COLLADO Mario

(57) Abstract :

The present invention provides methods of forming dialkyl carbonate wherein catalyst buildup in the reaction equipment, the separation equipment, and transfer lines there between is reduced and even eliminated. In one embodiment, the method includes introducing alkanol, carbon monoxide, oxygen, and a catalyst to a reactor having a gaseous head space and a liquid body space. The reactor is operated under conditions to form dialkyl carbonate and water. A product stream containing dialkyl carbonate, water, and residual reactants is removed from the head space of the reactor and introduced to a cyclone with a flushing stream. A liquid bottom stream is captured from the cyclone and introduced to the reactor. The gaseous top stream contains product dialkyl carbonate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7919/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR REMOVAL OF BENZOIC ACID FROM AN OXIDIZER PURGE STREAM

(51) International classification :C07C51/16
(31) Priority Document No :11/201,512
(32) Priority Date :11/08/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/029267
Filing Date :27/07/2006
(87) International Publication No :WO 2007/021487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1106/DELNP/2008
Filed on :08/02/2008

(71)**Name of Applicant :**
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Nuevo Leon (81) 8748 1500, Mexico
(72)**Name of Inventor :**
1)ROBERT LIN
2)PHILIP EDWARD GIBSON
3)KENNY RANDOLPH PARKER

(57) Abstract :

A process is disclosed that relates to the removal of impurities, specifically benzoic acid, from a mother liquor produced in the synthesis of carboxylic acid, typically terephthalic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : INSPECTION APPARATUS AND METHOD USING PATTERN RECOGNITION

(51) International classification :B07C 5/342

(31) Priority Document No :0912390.2

(32) Priority Date :16/07/2009

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

(86) International Application No :PCT/GB2010/001290

Filing Date :05/07/2010

(87) International Publication No :WO 2011/007117

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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E16 2BF, UNITED KINGDOM

(72)Name of Inventor :

1)HAMID, GABRIEL

2)MALLAH, CHARLES DEAN

(57) Abstract :

Inspection apparatus comprises a feed system for delivering a stream of articles to an imaging zone. A camera generates image data from the stream at the imaging zone for processing by a computer. The computer comprises a pattern recognition system for identifying defects in areas from the image data, and for ranking identified defects. The pattern recognition system is programmed to operate according to multiple defect criteria. The computer is also coupled to a graphical user interface to display the areas identified from the image data as thumbnails on the interface arranged according to rank of the identified defects in the areas, in each of at least two defect criteria. The areas from the generated image data will normally be defined around each identified defect with the defect central therein. These areas, or thumbnails, can overlap.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4054/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL ROOT ORGAN CULTURE'(ROC)-MEDICATED ECTOMYCORRHIZAE-BASED BIO-INOCULUMS AND METHOD FOR PRODUCTION OF SAME

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
(33) Name of priority country	:NA	COMPLEX, LODI ROAD, NEW DELHI 110003 India
(86) International Application No	:NA	2)UNION OF INDIAN THROUGH SECRETARY DBT
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. ALOK ADHOLEYA
(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 for a new and novel roc-mediated ectomycorrhizae-based bio-inoculum and focuses on developing the process protocols for the isolation and characterization of the various formulations and ensuing compositions of the mycorrhizal fungal inocula to generate the mycorrhizae based biofertilizers. The bio-inoculum as well as the consequently generated biofertilizers is capable of serving as effective soil fertilization agent, growth promoter as well as a growth enhancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS USING MAGNETIZED WATER FOR REMOVING FOREIGN SUBSTANCES IN PIPES

(51) International classification :B08B9/032,C02F1/48,B08B6/00
(31) Priority Document No :1020120071350
(32) Priority Date :29/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005240
Filing Date :13/06/2013
(87) International Publication No :WO 2014/003344
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIN Hee Jong

(72)Name of Inventor :

1)KIM Chang Gil

2)SHIN Hee Jong

(57) Abstract :

The present invention includes: a housing in which a water inlet pipe through which raw water flows in is connected to one side and a water outlet pipe through which magnetized water flows out is connected to the other side; multiple magnetic bodies arranged at a distance from each other at regular intervals to face each other vertically in the inner space of the housing which leads from the water inlet pipe to the water outlet pipe for generating magnetized water by magnetizing the raw water using a repulsive or an attractive magnetic force wherein through holes are formed in the middle portion to allow fluidic communication; and passage guide members placed between the multiple magnetic bodies so as to be parallel with the magnetic bodies wherein blocking plates are positioned at locations facing the through holes of the magnetic bodies and multiple communication holes are formed in the edge portions of the blocking plates facing the magnetic bodies for fluidic communication.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.850/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLVENT COMPOSITION BASED ON AN OXIDE OF AN ORGANIC SULFIDE WITH MASKED ODOUR

(51) International classification	:C07C 315/06
(31) Priority Document No	:0955398
(32) Priority Date	:31/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051615
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/012820
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PAUL-GUILLAUME SCHMITT

2)BERNARD MONGUILLON

3)MELANIE VAUTHRIN

(57) Abstract :

The invention relates to solvent compositions predominantly comprising at least one oxide of an organic sulfide, more particularly dimethyl sulfoxide, to which is added at least one odour-masking agent comprising at least one compound selected from monoesters, diesters or triesters, alcohols, ketones, aldehydes and terpenes.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : CYCLIC TRIAZO SODIUM CHANNEL BLOCKERS

(51) International classification :C07D 409/04
(31) Priority Document No :GB0911991.8
(32) Priority Date :08/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051126
Filing Date :08/07/2010
(87) International Publication No :WO 2011/004195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNIVERSITY OF GREENWICH
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(72)Name of Inventor :
1)LEACH, MICHAEL
2)FRANZMANN, KARI
3)RIDDALL, DIETER
4)HARBIGE, LAURENCE

(57) Abstract :

The present invention relates to triazine compounds having sodium channel blocking properties, and to use of the compounds for preparation of medicaments for treatment of associated disorders. The compounds are of formula (I): in which z is a single bond or an optionally substituted linking group, R1 is a halo-alkyl group; and A is an optionally substituted aromatic heterocyclic or carbocyclic ring system; or a salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : WIPER BLADE WITH AN ADAPTER UNIT FOR ATTACHMENT TO A WIPER ARM

(51) International classification	:B60S 1/40
(31) Priority Document No	:10 2009 029 470.8
(32) Priority Date	:15/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060626
Filing Date	:22/07/2010
(87) International Publication No	:WO 2011/032760
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEPOND, HELMUT

(57) Abstract :

A wiper blade (100) for a windshield wiper having a wiping strip (112) and an adapter unit (1500) for attachment of the wiper strip (112) on a wiper arm. The adapter unit (1500) being designed to be connected to a connecting element (1900) assigned to the wiper arm (1018, 1118, 1218, 1318, 1818). The connecting element (1900) has a base element (1730) and an adapter element (1750), wherein the base element (1730) is designed to attach the wiping strip (112) to a first plurality of different wiper arm types (1018, 1118, 1818), and is connected to the adapter element (1750) in order to enable an attachment of the wiping strip (112) to a second plurality of different wiper arm types (1218, 1318, 1818), which at least partly differ from the wiper arm types of the first plurality of wiper arm types (1018, 1118, 1818).

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : NUCLEIC ACID ANALYSIS

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/226,025
(32) Priority Date	:16/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042365
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/009104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUSSO LEILEATA M.
2)MIRANDA KEVIN C.
3)SKOG JOHAN

(57) Abstract :

A method for extracting high quality nucleic acids from a biological sample are disclosed The extractions obtained by the methods described herein are characterized by high yield and high integrity, making the extracted nucleic acids useful for various applications in which high quality nucleic acid extractions are preferred, e g, a diagnosis, prognosis or therapy evaluation for a medical condition.

No. of Pages : 123 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SORTING APPARATUS AND METHOD USING A GRAPHICAL USER INTERFACE

(51) International classification :B07C 5/342

(31) Priority Document No :0912388.6

(32) Priority Date :16/07/2009

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

(86) International Application No :PCT/GB2010/001291

Filing Date :05/07/2010

(87) International Publication No :WO 2011/007118

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)HAMID, GABRIEL

(57) Abstract :

Sorting apparatus comprises a feed system for delivering a stream of articles in free flight to a sorting zone. Ejectors at the sorting zone are selectively activated to eject articles from the stream. A camera is disposed at an imaging zone upstream of the sorting zone to generate image data to be processed by a computer to identify articles to be ejected at the sorting zone according to one or more sorting criteria. The computer instructs the ejectors on the basis of the processed data. The computer is also coupled to a graphical user interface to display an image of the product stream at the imaging zone, and show the areas of intersection with the product stream of activated ejectors. The ejectors are normally operable to discharge a fluid such as a gas or air, in pulses, and the areas of intersection with the product stream are those directly intersected by the ejector fluid. Provision can be made for adjusting ejection parameters to move the boundaries of these areas of intersection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9060/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L13/22

(31) Priority Document No :60/600,701

(32) Priority Date :11/08/2004

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

(86) International Application No :PCT/US2005/028397

Filing Date :10/08/2005

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :847/DELNP/2007

Filed on :10/08/2005

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

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(72)Name of Inventor :

1)HOHLBEIN Douglas J.

2)WONG Chi Shing

(57) Abstract :

An oral implement with a handle includes a head with a releasable material (e.g., an oral medicament) and a tissue cleanser for cleaning the soft tissue and removing odor-causing bacteria from the mouth. In one arrangement, the releasable material is disposed on the surface of the tissue cleanser. In one arrangement, the releasable material is disposed behind the tissue cleanser. In one arrangement, the releasable material is incorporated in the composition of the tissue cleanser.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9062/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L13/22

(31) Priority Document No :60/600,701

(32) Priority Date :11/08/2004

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

(86) International Application No :PCT/US2005/028397

Filing Date :10/08/2005

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :847/DELNP/2007

Filed on :10/08/2005

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2)WONG Chi Shing

(57) Abstract :

An oral implement with a handle includes a head with a releasable material (e.g., an oral medicament) and a tissue cleanser for cleaning the soft tissue and removing odor-causing bacteria from the mouth. In one arrangement, the releasable material is disposed on the surface of the tissue cleanser. In one arrangement, the releasable material is disposed behind the tissue cleanser. In one arrangement, the releasable material is incorporated in the composition of the tissue cleanser.

No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9063/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : NON-RECLOSABLE PACKAGE FOR PRODUCTS PREJUDICIAL TO HEALTH, AS WELL AS PROCESS FOR ITS PRODUCTION

(51) International classification	:B65D83/04
(31) Priority Document No	:10 2004 047 445.1
(32) Priority Date	:30/09/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/009748
Filing Date	:10/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2295/DELNP/2007
Filed on	:23/03/2007

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(72)Name of Inventor :

1)LUDWIG, Karin

2)HORSTMANN, Michael

(57) Abstract :

The invention relates to a non-reclosable packaging (10) for products that are hazardous to health, particularly pharmaceutical products, comprising a first packaging material element (1) and a second packaging material element (2), both packaging material elements (1, 2) situated one above the other. The packaging (10) has at least one planar section (11) on whose edge or edges (21) both packaging material elements (1, 2) are detachably joined to one another. At least one cavity (4), which is closed on all sides while serving to accommodate the packaged good (5), is formed between both packaging material elements. The packaging has at least one second planar section (12) that is located outside of said first planar section (11) or is adjoined thereto, and both packaging material elements (1, 2) are detachably joined to one another on the edge or edges (22) of the second planar section. At least one of the two packaging material elements (1, 2) is provided with at least one structure (3), which extends inside the second planar section (12) and which enables the packaging material element(s) to be torn.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8578/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF ORGANIC COMPOUNDS

(51) International classification	:C07D233/56, C07C205/12
(31) Priority Document No	:60/688,976
(32) Priority Date	:09/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/022154
Filing Date	:07/06/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8681/DELNP/2007
Filed on	:07/06/2006

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2)ACEMOGLU Murat

3)ERB Bernhard

4)KRELL Christoph

5)SCLAFANI Joseph

6)MEISENBACH Mark

7)PRASHAD Mahavir

8)SHIEH Wen-Chung

9)XUE Song

(57) Abstract :

The present invention provides an efficient, safe and cost effective way to prepare 5-(4-methyl-1Himidazol- 1-yl)-3- (trifluoromethyl)-benzenamine which is a key intermediate for the preparation of substituted pyrimidinylaminobenzamides of formula (11).

No. of Pages : 29 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FLAVOUR ACTIVE COMPOSITION

(51) International classification	:A23L 1/227
(31) Priority Document No	:09167771.6
(32) Priority Date	:13/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059683
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/018280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
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(72) **Name of Inventor :**
1) DAVIDEK, TOMAS
2) BLANK, IMRE
3) HOFMANN, THOMAS
4) SCHIEBERLE, PETER

(57) Abstract :

The invention concerns a flavour active composition obtainable by a multi-step reaction comprising a first reaction between an amino compound and a carbonyl compound to obtain a first intermediate reaction mixture, a second reaction with a second amino compound alone or in combination with a carbonyl compound to obtain a second intermediate reaction mixture, further separate reactions with another amino compound alone or in combination with a carbonyl compound to obtain further intermediate reaction mixture, further separate reactions with compounds from other chemical classes such as alcohols, phenolic compounds, epoxydes or organic acids and combinations thereof leading to suitable intermediates, a last reaction comprising a mixture of all the preceding intermediate mixtures alone or in combination with amino and/or carbonyl compounds to obtain the final flavor composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9166/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HANDLE FOR A SHAVING RAZOR

(51) International classification	:B26B21/52
(31) Priority Document No	:61/640754
(32) Priority Date	:01/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/039058
Filing Date	:01/05/2013
(87) International Publication No	:WO 2013/166142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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U.S.A.
(72)Name of Inventor :
1)GAJRIA, Chandrasen
2)SCHULZ, Kristopher, William

(57) Abstract :

A shaving razor comprising a handle comprising a head portion, a tail portion opposite the head portion, and a grip portion disposed between the head portion and the tail portion. The grip portion comprises an inner shaft spanning a length of the grip portion; an outer shaft coupled to the inner shaft, the outer shaft configured to be rotationally asymmetric to the inner shaft such that the outer shaft is not free to rotate about an axis along the length of the grip portion; and a gel grip coupled to the outer shaft, the gel grip having a Shore 000 hardness of less than about 80.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9168/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR CURRENT- CONTROLLING AT LEAST ONE PIEZOELECTRIC ACTUATOR OF A FUEL INJECTOR OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/20,F02D41/40,F02M51/06
(31) Priority Document No :1254719
(32) Priority Date :23/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/001495
Filing Date :21/05/2013
(87) International Publication No :WO 2013/174506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LEBLON, Michael
2)ATANASYAN, Alain
3)MEMAIN, Jrmie

(57) Abstract :

The invention relates to a method for controlling a piezoelectric actuator of a fuel injector, comprising the steps of: applying a nominal electric command charge (Qc1) to the piezoelectric actuator, according to a nominal current (Icc1), so as to open the valve means of the injector; and on top of the nominal command charge (Qc1), after the application of same and before the step consisting in ordering the closing of the injector, applying at least one electric polarisation charge (Qp1) to the piezoelectric actuator, in addition to the nominal command charge (Qc1), so as to polarise the piezoelectric actuator during an opening phase of the injector; said method also comprising a preliminary step of increasing the value of the polarisation charge current (Icp1) applied to the piezoelectric actuator to a value higher than that of the nominal current (Icc1) of the nominal command charge (Qc1).

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9169/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLASTICISER COMPOSITIONS COMPRISING GELIFICATION ACCELERATORS BASED ON ESTERS OF 1,4 : 3,6- DIANHYDROHEXITOL HAVING LOW MOLAR WEIGHT

(51) International classification :C08K5/00,C08L27/06,C08K5/10
(31) Priority Document No :1254086
(32) Priority Date :03/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050967
Filing Date :02/05/2013
(87) International Publication No :WO 2013/164545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FERON Thierry
2)SOBOCINSKI, Monique
3)WYART, Herv
4)BREITSCHIEDL, Boris
5)WAGNER, Jochen

(57) Abstract :

The invention relates to a composition that can rapidly plasticise polymers, comprising, in relation to the total mass of (A) and (B): between 0.1 and 99 mass-% of at least one ester of 1,4 : 3,6-dianhydrohexitol (A), having a molar mass varying between 255 and 345 g.mol⁻¹ and selected from among monoesters and diesters of isosorbide, isomannide and isoidide; and between 1 and 99.9 mass-% of at least one compound (B) having a molar mass greater than 345 g.mol⁻¹ and selected from among the esters of 1,4 :3,6-dianhydrohexitol, the esters of cyclohexane polycarboxylic acid, the esters of phthalic acid, and glycerol esters. The invention also relates to a method for the production of a plasticised object using constituents (A) and (B), as well as to the use of the ester compound (A) as a polymer gelification accelerator.

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : LARGE AREA DEPOSITION OF GRAPHENE HETRO-EPITAXIAL GROWTH, AND PRODUCTS INCLUDING THE SAME

(51) International classification	:C30B 25/02
(31) Priority Document No	:12/461,346
(32) Priority Date	:07/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001982
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/016828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)VEERASAMY, VIJAYEN, S.

(57) Abstract :

Certain example embodiments of this invention relate to the use of graphene as a transparent conductive coating (TCC). In certain example embodiments, graphene thin films grown on large areas hetero-epitaxially, e.g., on a catalyst thin film, from a hydrocarbon gas (such as, for example, C₂H₂, CH₄, or the like). The graphene thin films of certain example embodiments may be doped or undoped. In certain example embodiments, graphene thin films, once formed, may be lifted off of their carrier substrates and transferred to receiving substrates, e.g., for inclusion in an intermediate or final product. Graphene grown, lifted, and transferred in this way may exhibit low sheet resistances (e.g., less than 150 ohms/square and lower when doped) and high transmission values (e.g., at least in the visible and infrared spectra).

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES

(51) International classification :B32B 27/04

(31) Priority Document No :12/538,450

(32) Priority Date :10/08/2009

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

(86) International Application No :PCT/US2010/044942

Filing Date :10/08/2010

(87) International Publication No :WO 2011/019675

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KAWKA, DARIUSZ, WLODZIMIERZ

(57) Abstract :

A laminate useful as an allergen barrier structure, comprising in order, a first nonwoven fabric layer having fibers comprising a first thermoplastic polymer and having a basis weight of at least 15 g/m²; a nonwoven allergen barrier layer having a basis weight of from 6 to 10 g/m² and consisting of fibers comprising a second thermoplastic polymer and having an average diameter of 100 to 450 nanometers; and a second nonwoven fabric layer having fibers comprising a first thermoplastic polymer and having a basis weight of at least 15 g/m²; wherein the layers are thermally point-bonded together with a plurality of uniformly spaced thermally bonded points with the maximum spacing between adjacent bonded points being from 2 to 5 mm; and wherein the laminate has a filtration efficiency after 15 washings of 95 percent or greater.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9160/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLEXIBLE CONTAINERS

(51) International classification :B65D75/58,B65D75/00,B65D75/52
(31) Priority Document No :61/643813
(32) Priority Date :07/05/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/039802
Filing Date :07/05/2013
(87) International Publication No :WO 2013/169683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STANLEY, Scott, Kendyl
2)MCGUIRE, Kenneth, Stephen

(57) Abstract :
Non durable self-supporting flexible containers.

No. of Pages : 106 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9161/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLEXIBLE CONTAINERS WITH MULTIPLE PRODUCT VOLUMES

(51) International classification :B65D81/32,B65D75/00,B65D75/52
(31) Priority Document No :61/643813
(32) Priority Date :07/05/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/039807
Filing Date :07/05/2013
(87) International Publication No :WO 2013/169686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)STANLEY, Scott, Kendyl
2)MCGUIRE, Kenneth, Stephen
3)BERG, Charles, John, Jr.

(57) Abstract :
Non-durable self-supporting flexible containers having multiple product volumes.

No. of Pages : 111 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9162/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY ELEMENT PRODUCED USING SAME

(51) International classification :C09K19/42,C09K19/12,C09K19/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/JP2012/076027
Filing Date :05/10/2012
(87) International Publication No :WO 2014/054181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)KAWAMURA Joji

(57) Abstract :

A liquid crystal composition according to the present invention can be used for for example a liquid crystal display element of an IPS type a TN type or the like which is rapidly responsive and rarely undergoes the occurrence of display defects including a burn in phenomenon and the formation of dropping marks. The liquid crystal composition comprises a dielectrically positive component containing a dielectrically positive compound and a dielectrically neutral component having a dielectric anisotropy degree of 2 to +2 exclusive and has such excellent properties that the composition has a wide liquid crystal phase temperature range has a small viscosity has good solubility at a lower temperature a high specific resistivity and a high voltage holding ratio and is stable against heat and light.

No. of Pages : 174 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9163/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REPRODUCING CONTENTS, AND COMPUTER-READABLE RECORDING MEDIUM THEREOF

(51) International classification :G06Q50/10,H04L12/16
(31) Priority Document No :1020120036402
(32) Priority Date :07/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002897
Filing Date :08/04/2013
(87) International Publication No :WO 2013/151397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JUNG, Youn-gun
3)LEE, Kwan-min
4)KOH, Jun-ho

(57) Abstract :

A content reproducing method and system for performing seamless playback of contents between devices is provided. The contents reproducing system includes a portable device which, when a short distance communication with a remote control which is configured to control an electronic device occurs during reproducing of contents, generates data required by the electronic device for reproducing the contents that are being reproduced, and which transmits the generated data to the remote control; the remote control which receives the data from the portable device and which transmits the received data to the electronic device, in conjunction with the occurrence of the short distance communication with the portable device; and the electronic device for receiving the contents from a contents provider and reproducing the contents.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING AN ELECTRICAL HEATER TO LIMIT TEMPERATURE

(51) International classification	:G05D23/1917, A24F47/008
(31) Priority Document No	:12183837.9
(32) Priority Date	:11/09/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/068722
Filing Date	:10/09/2013
(87) International Publication No	:WO 2014/040988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)FARINE Robin

2)TALON Pascal

(57) Abstract :

There is disclosed a method of controlling an electrical heating element comprising: maintaining the temperature of the heating element at a target temperature by supplying pulses of electrical current to the heating element; monitoring the duty cycle of the pulses of electrical current; and determining if the duty cycle differs from an expected duty cycle or range of duty cycles and if so reducing the target temperature or stopping the supply of current to the heating element or limiting the duty cycle of the pulses of electrical current supplied to the heating element. As the temperature is maintained at a known target temperature any variation in the duty cycle or range of duty cycles expected to maintain the target temperature is indicative of abnormal conditions.

No. of Pages : 31 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8597/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AERODYNAMIC STRUCTURE FOR VEHICLE

(51) International classification	:B62D25/16, B62D25/18
(31) Priority Document No	:2006-079179
(32) Priority Date	:22/03/2006
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/326266
Filing Date	:28/12/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7493/DELNP/2008
Filed on	:28/12/2006

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1)SUMITANI Keiji
2)NAKAYA Hiroyuki
3)MURAYAMA Toshiyuki
4)TAKEUCHI Eishi
5)ODA Kazunori

(57) Abstract :

An aerodynamic device for a vehicle that can effectively adjust airflow (F) within a wheel house (16) is obtained. A fixed aerodynamic stabilizer device (10) is formed at a vehicle body longitudinal direction rear side of a rotational axis of a front wheel (15) within a wheel house (16), as a step having an airflow collision groove wall that faces downward in a vehicle body vertical direction. This fixed aerodynamic stabilizer device (10) suppresses flowing-in, into the wheel house (16), of airflow (F) that is generated accompanying the front wheel (15) rotating in a direction of arrow (R).

No. of Pages : 52 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8980/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PREVENTING MARINE BIOFOULING OF A SUBSTRATE

(51) International classification :C23C28/00

(31) Priority Document No :60/705,321

(32) Priority Date :04/08/2005

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

(86) International Application No :PCT/SE2006/050275

Filing Date :02/08/2006

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :922/DELNP/2008

Filed on :01/02/2008

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(72)Name of Inventor :

1)M...RTENSSON, Lena

(57) Abstract :

A combination of selected substances in paint to prevent the settlement and growth of different biofouling organisms with a reduced negative effect on the ecosystems compared to present methods. Useful substances include medetomidine with various copper and zinc formulations, tolylfluamide, diclofluamide, Diuron and Irgarol. or more general biocides such as SeaNine (4,5-dichloro-2-n-octyl-3(2H)-isothiazolone) or EcoNea C2-(p-chlorophenyl)-3-Cyano-4-bromo-5-trifluoromethyl).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9177/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE COMPONENT MIXING APPARATUS AND THREE COMPONENT MIXING ADHESIVE KIT

(51) International classification :B01F13/00,A61B19/00,A61J3/00
(31) Priority Document No :2012-123322
(32) Priority Date :30/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062257
Filing Date :25/04/2013
(87) International Publication No :WO 2013/179832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SASAKI Kenju

3)AOKI Shinya

4)SAKATA Kazuya

5)NARUSE Hiroshi

(57) Abstract :

Provided are a syringe filled in advance with a first drug, a plunger, and an infusion-needle connector having formed on one end a section for connecting with a second drug container and a section for connecting with a third drug container and having a converging path formed on a proximal end; the infusion needle connector being removably attached to the discharge opening of the syringe. The second drug container is attached to the section for connecting with the second drug container and the third drug container is attached to the section for connecting with the third drug container. Pulling the plunger inserted in advance into the syringe introduces the second drug and the third drug into the syringe, thereby mixing the first drug, the second drug, and the third drug in the syringe.

No. of Pages : 60 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9178/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING SERVICE CONTINUITY OF USER EQUIPMENT AFTER TRACKING AREA IS UPDATED

(51) International classification	:H04W36/00
(31) Priority Document No	:201210125209.1
(32) Priority Date	:25/04/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/073698
Filing Date	:03/04/2013
(87) International Publication No	:WO 2013/159638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :

1)SUN Wei
2)ZHANG Rong

(57) Abstract :

Disclosed are a method and an apparatus for maintaining service continuity of a user equipment (UE) after a tracking area is updated. The method comprises: after a UE initiates a tracking area update (TAU) request, a mobility management entity (MME) determining whether an updated target service gateway (SGW) is the same as a source SGW (S302); in the case that a determination result is no, the MME further determining whether an evolved base station (eNodeB) currently accessed by the UE is changed (S304); and in the case that the eNodeB is not changed, the MME selecting the target SGW to serve the UE and sending the eNodeB a notification message indicating that the UE is handed over to a serving area of the target SGW, or the MME stopping selecting an SGW for the UE but directly instructing the UE to continue to be served by the source SGW (S306). The present invention can maintain service continuity of a UE after a TAU process, thereby improving the user experience.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3853/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : RADIAL INWARD COMPRESSION OF A LUMEN

(51) International classification

:F16D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SECRETARY DEPARTMENT OF BIOTECHNOLOGY

Address of Applicant :Ministry of Science and Technology

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(72)Name of Inventor :

1)PILLAI Dr. Jonathan

2)JOSHI Siddhartha

3)CHATURVEDI Dr. Jagdish

4)BAGWAN Siraj

5)GARG Dr. Pramod

6)MAKHARIA Dr. Govind

7)SHARMA Dr. Hanish

8)RAO Dr. P.V.M.

(57) Abstract :

Present subject matter relates to a device (100, 800) to facilitate radial inward compression of a target lumen. The device (100, 800) comprises a tube (105, 705, 805), one or more lumens (202, 710) provided in the tube (105, 705, 805), and a plurality of sealing units (130, 135) integrated into the tube (105, 705, 805) to delineate a segment of the target lumen to be subjected to radial inward compression. The device (100, 800) further includes a primary set of openings (410) provided between two sealing units (130, 135), from amongst the plurality of sealing units (130, 135), to transmit the negative pressure from the lumens (202, 710) to the delineated segment of the target lumen between the two sealing units (130, 135).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.738/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE DOOR SUPPORT DEVICE

(51) International classification :B60N2/46,B60N2/42,B60J5/04

(31) Priority Document No :61/678922

(32) Priority Date :02/08/2012

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

(86) International Application No :PCT/US2013/053010

Filing Date :31/07/2013

(87) International Publication No :WO 2014/022553

(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)JOHNSON CONTROLS TECHNOLOGY COMPANY

Address of Applicant :915 East 32nd Street Holland Michigan
49423 U.S.A.

(72)Name of Inventor :

1)HIPSHIER Jason M.

2)BEECK Kyle B.

3)BUTZ Andrew Robert

(57) Abstract :

A support device for a door of a motor vehicle. One vehicle door assembly includes a first structure and a second structure positioned opposite from the first structure. The vehicle door assembly also includes a flexible support device coupled to the first and second structures. The flexible support device is configured to block movement of the first structure away from the second structure and to enable movement of the first structure toward the second structure.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7714/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOUND OF GENERAL FORMULA III

(51) International classification	:C07C211/54, C07C209/66
(31) Priority Document No	:05010115.3
(32) Priority Date	:10/05/2005
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2006/062191
Filing Date	:10/05/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7732/DELNP/2007
Filed on	:09/10/2007

(71)Name of Applicant :

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(72)Name of Inventor :

1)MATTHIAS ECKHARDT

2)FRANK HIMMELSBACH

3)XIAO-JUN WANG

4)XIUFENG SUN

5)LI ZHANG

6)WENJUN TANG

7)DHILEEPKUMAR KRISHNAMURTHY

8)CHRIS H. SENANAYAKE

9)ZHENGXU HAN

(57) Abstract :

Compound of general formula III wherein R1 denotes R-tetrahydrofuran-3-yl or S-tetrahydrofuran-3-yl; and R2 denotes hydrogen; R1 denotes hydrogen, C1-6-alkyl, (C1-4-alkyl)carbonyl, (C1-4-alkyl)oxycarbonyl; arylcarbonyl, aryl-(C1-3-alkyl)-Carbonyl; while by the aryl groups mentioned in the definition of the above groups are meant phenyl.

No. of Pages : 68 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8232/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DRIVE APPARATUS FOR DETACHABLE CUTTING HEAD AND METHOD OF REPLACEMENT OF DETACHABLE CUTTING HEAD

(51) International classification	:B26D7/26, A24D3/02	(71)Name of Applicant :	
(31) Priority Document No	:P.394994	1)INTERNATIONAL TOBACCO MACHINERY POLAND	
(32) Priority Date	:23/05/2011	SP. Z O. O.	
(33) Name of priority country	:Poland	Address of Applicant :UL. WARSZTATOWA 19A, 26-600	
(86) International Application No	:PCT/PL2012/050013	RADOM, POLAND	
Filing Date	:22/05/2012	(72)Name of Inventor :	
(87) International Publication No	: NA	1)CIESLIKOWSKI, BARTOSZ	
(61) Patent of Addition to Application	:NA	2)DOMINIAK, RYSZARD	
Number	:NA	3)SIKORA, LESZEK	
Filing Date	:NA	4)BOLESŁAWSKI, ANDRZEJ	
(62) Divisional to Application Number	:9626/DELNP/2013		
Filed on	:08/11/2013		

(57) Abstract :

The object of the application is a drive apparatus of a cutting head and a method of coupling a cutting head in an apparatus for feeding filter segments provided with a drum conveyor having flutes for crosswise movement of filter rods, characterized in that the drive apparatus is movably mounted in the apparatus for feeding filter segments, and in addition it comprises means (38, 43) for positioning the drive apparatus (30, 30TM), and a set of drive shafts (35, 35A, 35B, 35C) cooperating with knife shafts (7, 7A, 7B, 7C) of a cutting head (9).

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

(54) Title of the invention : GERMANIUM SILICALITE CATALYST AND METHOD OF PREPARATION AND USE

(51) International classification :B01J29/068,B01J29/40,B01J29/44
 (31) Priority Document No :13/537184
 (32) Priority Date :29/06/2012
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/067525
 Filing Date :03/12/2012
 (87) International Publication No :WO 2014/003816
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SAUDI BASIC INDUSTRIES CORPORATION
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 (72)Name of Inventor :
1)KHANMAMEDOVA Alla

(57) Abstract :

A catalyst and its preparation and use are disclosed. The catalyst is a silicalite having germanium (Ge) included within the framework of the silicalite prepared in a particular manner. The catalyst may be used in a method of converting hydrocarbons wherein a hydrocarbon feed is contacted with the catalyst. The catalyst may be formed by preparing an aqueous reaction mixture of a silica containing silicalite precursor material and a germanium source. The reactants of the reaction mixture are allowed to react. The reacted reaction mixture is heated under conditions to form crystals of a silicalite having germanium included within the framework of the silicalite. The crystals are then calcined to form the catalyst. In certain embodiments a noble metal may be deposited upon the germanium containing silicalite.

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPORTS TRAINING APPARATUS

(51) International classification :A63B69/00,A63B22/00,A63B67/10
(31) Priority Document No :601206
(32) Priority Date :11/07/2012
(33) Name of priority country:New Zealand
(86) International Application No :PCT/NZ2013/000121
Filing Date :11/07/2013
(87) International Publication No :WO 2014/011060
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE V LIMITED
Address of Applicant :701 State Highway 14 Maunu R. D. 9 Whangarei 0179 New Zealand
2)ROBB Peter Mitchell
(72)Name of Inventor :
1)ROBB Peter Mitchell

(57) Abstract :

A sports training apparatus for enhancing a users playing technique of ball sports such as cricket. The apparatus comprises a frame with two front spaced legs and a rear spaced leg; a flexible net attached to the frame and extending across the space formed between each of the front spaced legs and the rear spaced leg to form two converging net panels wherein the net is reinforced along each edge of the net and horizontally along a vertical plane of convergence of the two net panels from a top edge to a bottom edge of the net to facilitate rebound of the ball when driven into the net; and a ball suspended on a line the line attached to the frame at a swivel configured to facilitate rotation of the line about the line attachment point.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLID ORAL FORMULATIONS AND CRYSTALLINE FORMS OF AN INHIBITOR OF APOPTOSIS PROTEIN

(51) International classification	:C07D 417/04
(31) Priority Document No	:61/274,051
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061679
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)NOVARTIS AG
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BASEL, SWIZERLAND
(72)Name of Inventor :
1)THAKUR JEEWAN
2)YANG DONG
3)FENG LILI

(57) Abstract :

The present disclosure relates to crystalline form of (S)-N-((S)-1-cyclohexyl-2-((S)-2-[4-(4-fluoro-benzoyl)-thiazol-2-yl]-pyrrolidin-1-yl)-2-oxo-ethyl)-2-methylamino-propionamide, salts and hydrates thereof. This disclosure also relates to solid oral formulation of (S)-N-((S)-1-cyclohexyl-2-((S)-2-[4-(4-fluoro-benzoyl)-thiazol-2-yl]-pyrrolidin-1-yl)-2-oxo-ethyl)-2-methylamino-propionamide, pharmaceutically acceptable salts, solvates (including hydrates) thereof, as well as methods of treatment using the same.

No. of Pages : 72 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9170/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF VANILLIN AND VANILLIN DERIVATIVES

(51) International classification :C07C45/45,C07C45/00,C07C47/56
(31) Priority Document No :PCT/CN2012/075131
(32) Priority Date :07/05/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/075203
Filing Date :06/05/2013
(87) International Publication No :WO 2013/166946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RHODIA OPERATIONS
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2)CENTER NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)
3)RHODIA (CHINA) CO LTD
(72)Name of Inventor :
1)CORBET Matthieu
2)METIVIER, Pascal
3)DECAMPO, Floryan

(57) Abstract :

Disclosed is a process to produce vanillin or vanillin derivatives carrying out a one step reaction starting from guaiacol or guaiacol derivatives and at least a superacid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9171/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SURFACE MODIFIED STAINLESS STEEL CATHODE FOR ELECTROLYSER

(51) International classification	:C25B11/04,C25B1/26	(71)Name of Applicant :
(31) Priority Document No	:61/637244	1)CHEMETICS INC.
(32) Priority Date	:23/04/2012	Address of Applicant :#200 - 2930 Virtual Way, Vancouver,
(33) Name of priority country	:U.S.A.	British Columbia V5M 0A5 Canada
(86) International Application No	:PCT/CA2013/050289	(72)Name of Inventor :
Filing Date	:15/04/2013	1)KOZAK Paul
(87) International Publication No	:WO 2013/159219	2)SUMMERS, David
(61) Patent of Addition to Application	:NA	3)LAN, Bin
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sodium chlorate is produced industrially via electrolysis of brine and is thus an energy intensive process. An improved cathode for this and other industrial processes is a low nickel content stainless steel whose surface has been suitably modified. With an appropriate amount of surface roughening, the cathode provides for improved overvoltages during electrolysis while still maintaining corrosion resistance.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9172/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOLECULAR SIEVE SSZ- 87 COMPOSITION OF MATTER AND SYNTHESIS THEREOF

(51) International classification :C01B39/48,C01B37/00,C01B37/02
(31) Priority Document No :13/445042
(32) Priority Date :12/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025837
Filing Date :13/02/2013
(87) International Publication No :WO 2013/154669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHEVRON U.S.A. INC.
Address of Applicant :6001 Bollinger Canyon Road, San Ramon, California 94583 U.S.A.
(72)Name of Inventor :
1)ZONES, Stacey Ian

(57) Abstract :

This disclosure is directed to a new crystalline molecular sieve designated SSZ-87synthesized using an N, N-diisopropyl N, N-diethylbicyclo[2.2.2]oct-7-ene-2, 3:5,6-dipyrrolidinium dication as a structure directing agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9173/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOUNDS AND METHODS FOR ANTIVIRAL TREATMENT

(51) International classification :C07D487/04,A61P31/14
(31) Priority Document No :61/625480
(32) Priority Date :17/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/037001
Filing Date :17/04/2013
(87) International Publication No :WO 2013/158776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GILEAD SCIENCES, INC.
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(72)Name of Inventor :
1)SIEGEL, Dustin
2)SPERANDIO, David
3)YANG, Hai
4)SANGI, Michael
5)PARRISH, Jay P.
6)HU, I Hon Chung
7)MACKMAN Richard L.

(57) Abstract :

Compounds and pharmaceutically acceptable salts and esters and compositions thereof, for treating viral infections are provided. The compounds and compositions are useful for treating Pneumovirinae virus infections. The compounds compositions, and methods provided are particularly useful for the treatment of Human respiratory syncytial virus infections.

No. of Pages : 280 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9175/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : REFLOW OVEN AND METHODS OF TREATING SURFACES OF THE REFLOW OVEN

(51) International classification :F27B9/30,B23K1/008,F27B9/32
(31) Priority Document No :13/437530
(32) Priority Date :02/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034234
Filing Date :28/03/2013
(87) International Publication No:WO 2013/151853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NGAI, Douglas
2)TAY, Joo Yong
3)LIU, Wen Feng
4)LOERA, Roberto P.
5)COOK, Steven Dwade

(57) Abstract :

A reflow oven used to join electronic components to a substrate includes a chamber housing having surfaces that are in contact with heated air mixed with contaminants, including flux, and an intermediate layer selectively applied to the surfaces of the chamber housing. The reflow oven may include fabricating the intermediate layer with a foam material, including foaming polymers, e.g., epoxy, polyurethane, polyester, and silicone, or a non-foam material, including non-foaming polymers,e.g., polytetrafluoroethylene and polyimide. A method of treating surfaces of a reflow oven exposed to contaminants, including flux, is further disclosed.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9184/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELEVATOR SYSTEM INCORPORATING A TRAVELING MOTOR

(51) International classification :B66B9/02,B66B11/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/036253
Filing Date :03/05/2012
(87) International Publication No :WO 2013/165422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OTIS ELEVATOR COMPANY
Address of Applicant :Ten Farm Springs Road, Farmington,
Connecticut 06032 U.S.A.
(72)Name of Inventor :
1)DOMINGUEZ Franck
2)BEAUCHAUD Frederic
3)GUILLOT, Nicolas

(57) Abstract :

An elevator is provided including an elevator car and a machine rail. An elevator machine is mounted to the machine rail such that the elevator machine is movable relative to the machine rail. At least one belt operatively engages both the elevator car and the elevator machine. Movement of the elevator machine relative to the machine rail causes the elevator to move.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9185/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PALLET AND PALLET SYSTEM

(51) International classification :B65D19/00,B65D19/02,B65D19/12
(31) Priority Document No :2012100420
(32) Priority Date :04/04/2012
(33) Name of priority country:Australia
(86) International Application No :PCT/AU2013/000311
Filing Date :26/03/2013
(87) International Publication No :WO 2013/149289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STP USED BATTERY RECYCLERS PTY LTD
Address of Applicant :Unit 4,4 Brodie Hall Drive, Bentley, Western Australia
(72)Name of Inventor :
1)GODDARD, Earl Fenton

(57) Abstract :

A pallet system (50b) is formed from a pallet (10) and a plurality of panels (54a, 54b, 54c, 54t and 56). The pallet (10) has a base (12) configured to receive members of a lifting apparatus to enable lifting of the pallet (10). The panels (54a, 54b, 54c, 54t and 56) are coupled to each other and the pallet (10) to enable the panels to be moved between a closed configuration and an open configuration. In the closed configuration the panels can surround and contain one or more articles on the pallet (10). In the open configuration one of the panels is positioned to provide an opening to enable transfer of an article through the opening onto or off of the pallet (10) in a direction substantially parallel to a plane of the pallet (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9186/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENGINE LUBRICANT FOR VEHICLES HAVING A HYBRID OR MICRO HYBRID ENGINE

(51) International classification :C10M145/26,C10M145/30,C10N30/06
(31) Priority Document No :1254151
(32) Priority Date :04/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/059274
Filing Date :03/05/2013
(87) International Publication No :WO 2013/164459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TOTAL MARKETING SERVICES
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France
(72)Name of Inventor :
1)LERASLE, Olivier
2)VALADE, Jr'me

(57) Abstract :

The present invention relates to the use of at least one polyalkylene glycol particularly of at least one polyalkylene glycol obtained by copolymerizing ethylene oxides and propylene oxides or of at least one polyalkylene glycol obtained by homopolymerizing propylene oxides in a lubricant composition including at least one base oil for lubricating the internal combustion heat engines of vehicles having hybrid and/or micro hybrid engines. The use of this type of polyalkylene glycol enables a reduction in the wear of the connecting rod bearings of the internal combustion heat engine.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9187/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEWATERING DEVICE AND DEWATERING METHOD FOR COOLING WATER FOR HOT ROLLED STEEL SHEET

(51) International classification	:B21B45/02
(31) Priority Document No	:2012130630
(32) Priority Date	:08/06/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/065647
Filing Date	:06/06/2013
(87) International Publication No	:WO 2013/183694
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)NIKAI DO Hitoshi
2)SERIZAWA Yoshihiro
3)HISHINUMA Noriyuki

(57) Abstract :

This dewatering device for cooling water for hot rolled steel sheets is a dewatering device for dewatering cooling water sprayed on a hot rolled steel sheet at a water volume density of more than 4 m³/m²/min to 10 m³/m²/min or less when the hot rolled steel sheet is cooled after finish rolling in the hot rolling process. The device is provided with multiple dewatering nozzles for spraying dewatering water on the hot rolled steel sheet. On the surface of the hot rolled steel sheet, the impact regions of the dewatering water sprayed from each of the dewatering nozzles form a continuous straight line in the width direction of the hot rolled steel sheet and portions of mutually adjacent impact regions overlap.

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9189/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTAINER FOR WATER AND HOLLOW FIBRE FILTER MODULE THEREFORE

(51) International classification	:B01D63/04,C02F1/00
(31) Priority Document No	:PI2012700167
(32) Priority Date	:09/04/2012
(33) Name of priority country	:Malaysia
(86) International Application No	:PCT/GB2013/050907
Filing Date	:09/04/2013
(87) International Publication No	:WO 2013/153370
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRITCHARD IP LIMITED
Address of Applicant :47 Butt Road, Colchester C03 3BZ
U.K.
(72)**Name of Inventor :**
1)PRITCHARD Michael William

(57) Abstract :

The present invention provides a bulk liquid container (1) for the storage and distribution of water to a community as drinking water. The container comprises a container housing for holding water the housing having a substantially capsular form; an output valve (2) arranged to release water from the container; a water filter (101) arranged to filter water passing from the internal volume of the container out of the container through the output valve the filter comprising one or more membranes and comprising a plurality of sub groups of hollow fibres (61) which are effective to pass water in preference to air under the influence of a pressure differential; and a pump for raising the internal pressure of the container. The invention further provides a filter (101) for use in the container.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.860/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTIPROLIFERATIVE COMPOUNDS, CONJUGATES THEREOF, METHODS THEREFOR, AND USES THEREOF

(51) International classification	:A61K 47/48
(31) Priority Document No	:61/230,932
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044078
Filing Date	:02/08/2010
(87) International Publication No	:WO 2011/017249
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHENG HENG

2)CONG QIANG

3)GANGWAR SANJEEV

4)ZHANG QIAN

(57) Abstract :

Antiproliferative compounds having a structure represented by formula (II), where n, R1, R2, R3, R4, and R5 are as defined herein, can be used to treat tumors, optionally when conjugated to a ligand such as an antibody:

No. of Pages : 139 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : OVER VOLTAGE PROTECTION CIRCUIT

(51) International classification

:B05B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Rajni Kant

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Ambala Cantt, Haryana -133001, India

(72)Name of Inventor :

1)Rajni Kant

(57) Abstract :

Aspects of present disclosure relate to an over voltage protection circuit for electrical machines, including but not limited to motors such as Brushless DC motors. In one aspect, the over voltage protection circuit is operatively coupled with a power factor correction (PFC) circuit and can be configured to keep the electrical device/machine in operation even for higher input voltage without causing any harm to the load and/or other operating electronics. In another aspect, the over voltage protection circuit is configured on input voltage side and comprises an energizing coil that is energized to activate a resistor when input voltage reaches a first threshold value. Such activation of the resistor leads to a voltage drop thereby reducing the effective input voltage and also correspondingly reducing voltage available on the output. The first threshold value for input voltage can be selected based on one or more of input voltage at which PFC becomes non-functional, and maximum output voltage limit that can be applied to the load. The second threshold voltage can be selected based on the maximum current, power or voltage withstanding limit of the load.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9190/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PURGE PLUG

(51) International classification	:C21C5/48
(31) Priority Document No	:61/649065
(32) Priority Date	:18/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/032282
Filing Date	:15/03/2013
(87) International Publication No	:WO 2013/172975
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VESUVIUS CRUCIBLE COMPANY
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(72)**Name of Inventor :**
1)WOODS, Paul
2)PHILLIPS Roy

(57) Abstract :

A replacement purge plug containing a refractory material is configured to be inserted in the bottom of a ladle for introducing purging gas through a heat of molten metal in a ladle. One or more geometrical features on the lateral surface of the purge plug facilitate the installation of the purge plug into a housing block that has been subjected to erosion.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9191/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STEEL FOR OIL WELL PIPE AND METHOD FOR PRODUCING SAME

(51) International classification :C22C38/00,C21D8/10,C21D9/08
(31) Priority Document No :2012138650
(32) Priority Date :20/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066585
Filing Date :17/06/2013
(87) International Publication No :WO 2013/191131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)OMURA Tomohiko
2)ARAI Yuji
3)KAWANO Kaori
4)SAKAMOTO Akihiro
5)OKAMURA Kazuo
6)YAMAMOTO Kenji
7)KONDO Keiichi
8)NAGAHASHI Koji
9)SEO Masanao

(57) Abstract :

A steel for an oil well pipe has a chemical composition comprising C , Si, Mn, Al, Mo, P , S, O , N and a remainder made up by Fe and impurities, wherein the half width value (HW) of a crystal face corresponding to crystal face (211) of an a phase and the carbon content in the chemical composition as being expressed in mass% fulfill the formula: $HW \times C^{1/2} < 0.38$, the carbon content and the molybdenum content in the chemical composition as being expressed in mass % fulfill the formula: $C \times Mo > 0.6$, the equivalent circle diameter is 1 nm or more, the number of M₂C carbide particles each having a hexagonal structure is 5 particles or more per square micron meter, and the yield strength is 758 MPa or more.

No. of Pages : 80 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9192/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR FILLING A CONTAINER WITH A FOAMABLE COMPOSITION

(51) International classification:B01D19/02,B65B31/00,B67C3/10

(31) Priority Document No :12166106.0

(32) Priority Date :30/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/058757

Filing Date :26/04/2013

(87) International Publication No :WO 2013/164269

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GE HEALTHCARE AS

Address of Applicant :PO Box 4220 nydalen, Nycoveien 1-2,
N-0401 Oslo Norway

(72)Name of Inventor :

1)KVALE, Svein

2)TONSETH Carl Peter

3)TOKERUD Ole Johannes

(57) Abstract :

The present invention relates to a process for preparation of a composition comprising gas microbubbles. More particularly the invention relates to a process for filling of such composition into a container. The composition prepared is preferably an ultrasound contrast media composition made available in a container wherein the headspace of the container comprises the same gas as the gas of the microbubbles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL PROTEINS

(51) International classification	:A61K 39/395
(31) Priority Document No	:200202
(32) Priority Date	:02/08/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/000621
Filing Date	:02/08/2010
(87) International Publication No	:WO 2011/016026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SANDLER, TAMARA
2)DEVARY, ORLY

(57) Abstract :

Provided herein are four polypeptides, named PRT5, PRT6, PRT7 and PRT8, the nucleic acids encoding the same, compositions comprising the proteins, as well as their uses in therapeutic and diagnostic methods. Antibodies which specifically recognize the polypeptides are also provided, as well as their uses. Characterization of each protein showed that PRT5 and PRT8 are involved in glucose metabolism, PRT6 is involved in androgen regulation, while PRT7 correlates with cancer.

No. of Pages : 115 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : RETROFITTING WITH HOPPER BOTTOM CLARIFIER.

(51) International classification	:B01F3/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)YOGESHWAR OBEROI
(32) Priority Date	:NA	Address of Applicant :1417/26, OPP. BAJRANG BHAWAN,
(33) Name of priority country	:NA	DELHI ROAD, ROHTAK-124001. Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YOGESHWAR OBEROI
(87) 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 technology increases output of clarified water by almost 100% of the existing conventional clarifier with controlled and optimum disposal of sludge from the Hopper Bottom Clarifier under different turbidities of raw water. The clarified water output of the present invention is doubled as compared to the existing conventional clarifier. The present invention saves the space and cost for building additional clarifier structure. Further smaller size of clear water tanks are required as standby since there is no shut down of filter plant for sludge removal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9194/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DETERMINING ACCESS TO COMMENTS

(51) International classification	:G06F17/30,G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:61/641269	1)GOOGLE INC.
(32) Priority Date	:01/05/2012	Address of Applicant :1600 Amphitheatre Parkway,
(33) Name of priority country	:U.S.A.	Mountain View, CA-94043 U.S.A.
(86) International Application No	:PCT/US2013/038928	(72)Name of Inventor :
Filing Date	:30/04/2013	1)COLLINS, Alexander
(87) International Publication No	:WO 2013/166057	2)KORN, Jeffrey
(61) Patent of Addition to Application Number	:NA	3)DARUWALA, Raoul-sam,Dhun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject technology discloses configurations for providing comments restricted to a set of users for web content on a web page. In one implementation a widget is provided that enables a content provider or a user to provide comments restricted to the set of users in a manner that does not disrupt an existing implementation or presentation of publicly viewable web content that already provides public comments from visitors of the web site. In particular the widget may be provided as a plugin or extension in the user s web browser or be integrated in the web page by the content provider. The scope of the comments restricted to the set of users are defined by one or more access control lists which allow the comments restricted to the set of users to be only viewable by a specified set of users (and not viewable by other users).

No. of Pages : 48 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9195/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BRASSICA GENOMIC ASSAYS

(51) International classification	:C12Q1/68
(31) Priority Document No	:61/650623
(32) Priority Date	:23/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/042470
Filing Date	:23/05/2013
(87) International Publication No	:WO 2013/177427
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1007 Market Street, Wilmington, Delaware 19899 U.S.A.

(72)Name of Inventor :

1)HARMON, Mathew Curtis

2)HENDERSON, Nancy L.

3)ZHONG, Cathy Xiaoyan

(57) Abstract :

Methods and compositions for detecting, identifying, and quantifying Brassica A genomic DNA are described. The methods are specific to the Brassica A genome and do not cross-react with other Brassica species, crops or weedy relatives that could contribute to contamination of a canola field.

No. of Pages : 70 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9196/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEART VALVE PROSTHESIS

(51) International classification	:A61F2/24
(31) Priority Document No	:TO2012A000372
(32) Priority Date	:27/04/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2013/058708
Filing Date	:26/04/2013
(87) International Publication No	:WO 2013/160439
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EPYGON SASU

Address of Applicant :5 rue de la Baume, F-75008 Paris
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(72)Name of Inventor :

1)SCORSIN, Marcio

2)PASQUINO Enrico

(57) Abstract :

Heart valve prosthesis, comprising a ring-shaped supporting structure (3) to be anchored at the valve annulus, and a valve leaflet (5) supported by the supporting structure. The supporting structure comprises a support wall portion (31), at which a root end (51) of the valve leaflet is connected, and a complementary wall portion (32) opposite the support wall portion, which supports a coaptation surface (33) adapted to be sealingly engaged by a free end (52) of the valve leaflet (5), and extending in a direction parallel to the direction of movement of the free end (52) of the valve leaflet (5) at the coaptation surface (33). The free end of the valve leaflet (5) is connected to the support wall portion or to the complementary wall portion by means of a traction member (55), dimensioned in such a way that the free end (52) of the valve leaflet (5) is stopped at the coaptation surface.

No. of Pages : 47 No. of Claims : 22

(54) Title of the invention : PROCESS AND INSTALLATION FOR PRODUCTION OF CLINKER AND ELECTRICITY AND PROCESS FOR MODIFICATION OF A PRODUCTION INSTALLATION OF CLINKER

(51) International classification :C04B7/47,F27B7/20,F27D17/00
 (31) Priority Document No :1257453
 (32) Priority Date :31/07/2012
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2013/065056
 Filing Date :17/07/2013
 (87) International Publication No:WO 2014/019849
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LAFARGE

Address of Applicant :61 rue des Belles Feuilles F 75116 Paris France

(72)Name of Inventor :

1)GIMENEZ Michel

2)LEROY Franck

(57) Abstract :

The present invention relates to a process for production of clinker and electricity comprising the following steps: introduce the raw meal (102,102) fuel (121,121) and a combustion agent (113,113) in at least two precalciner (3,3) positioned in parallel precalcine the raw meal at a temperature of from 750 to 950°C in order to obtain precalcination flue gases (132,132) and a precalcined raw meal (103,103) treat the precalcination flue gases (132, 132) and the precalcined raw meal (103,103) towards respective cyclones (4,4) in order to obtain precalcination flue gases (133,135) and a precalcined raw meal (104,104) clinkerise the precalcined raw meal (104,104) in order to obtain clinker (105) produce steam by transmission of heat from at least one part of the flue gases (135) coming from at least one secondary precalciner (3) and the corresponding cyclone (4) produce electricity (150) from this steam using an electricity generator (6) comprising a steam turbine and steam generator (7) vary the feed rate of raw meal and/or the flow rate of fuel and/or the flow rate of combustion agent in at least one secondary precalciner (3) to vary the quantity of electricity produced introduce into at least one secondary precalciner (3) a flow of a dilution flue gas (138) this flow being in particular formed from one part of the precalcination flue gases having already transmitted their heat wherein the precalcination flue gases (135) coming from the at least one secondary precalciner (3) and the corresponding cyclone (4) are diluted before transmitting their heat to obtain diluted precalcination flue gases (136) in particular with a fraction (137) of these precalcination flue gases having already transmitted their heat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : POLYURETHANE FOAM FOR AUTOMOTIVE SEAT AND METHOD OF PRODUCING THE SAME

(51) International classification	:C08G 18/40
(31) Priority Document No	:2009-179659
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062930
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/013815
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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2)ITOH OIL CHEMICALS CO., LTD.
(72)Name of Inventor :
1)MATSUMOTO, NORIYUKI
2)KAMAKURA, DAISUKE
3)ONO, KATSUSHI
4)HAMAGUCHI, TAKASHI

(57) Abstract :

A polyurethane foam for automotive seat obtained by reacting at least a polyol component with an isocyanate component, characterized in that the polyol component comprises a modified plant-derived oil, obtained by cross-linking a plant-derived oil with a dibasic acid, and a petroleum-derived polyol, and in that the polyurethane foam has a plant-derived component content of 14.7 to 45%, and has a resilience by ball rebound of 43 to 70%.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9204/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOCK FOR A FLAP OR DOOR

(51) International classification	:E05B65/12
(31) Priority Document No	:10 2012 207 441.4
(32) Priority Date	:04/05/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2013/000201
Filing Date	:18/04/2013
(87) International Publication No	:WO 2013/163974
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHOLZ, Michael
2)HANDKE, Armin

(57) Abstract :

The aim of the invention is to design a door lock or flap lock which can be easily and reliably opened with little effort. Said aim is achieved by a door lock or flap lock comprising a locking mechanism that consists of a latch and at least one pawl for locking the latch. The lock further comprises a triggering lever which upon being actuated allows the locked locking mechanism to be unlocked. The lock also comprises a spring for moving the pawl in the direction of the locking position. The triggering lever is designed in such a way that the actuation thereof at least reduces preferably altogether cancels the spring force acting on the pawl i.e. when the triggering lever is actuated the spring force that presses the pawl in the direction of the locking position decreases at least. Since such a force makes it difficult to unlock a locking mechanism actuating the triggering lever at least reduces or altogether does away with said difficulty when the spring force is canceled entirely. As a result of the fact that the triggering lever has two functions the number of parts can be kept to a minimum. Advantageously the lock therefore is not complex to produce and is compact and lightweight.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2013

(21) Application No.3437/DEL/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : BRACKET PLACEMENT INSTRUMENT AND BRACKET PLACEMENT SYSTEM (BPS)

(51) International classification	:A61C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUPTA, DR. DEEPAK KUMAR
(32) Priority Date	:NA	Address of Applicant :HOUSE NO:910 FIRST FLOOR,
(33) Name of priority country	:NA	SECTOR 9, PANCHKULA-134109, HARYANA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUPTA , DR. DEEPAK KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There has been a constant Endeavour to improve the way things are done and it makes all the difference, rather it has made all the difference. The innovative and breakthrough products give you the opportunity to carry out procedures more efficiently and with greater ease. As a result of efficiency, we are better able to use our time and improve the productivity of our practice, and thats important because our knowledge and expertise are far more precious than any orthodontic appliance. This invention relates to a bracket placement instrument which is much efficient in providing accurate result in orthodontics. This bracket placement tweezer or instrument is having two ends which can be held in different ways as convenient. This instrument is anti-slip which results in reducing the time and effort while placement of brackets. This invention is very efficient in cleaning the area around the teeth which is lacking in the similar instrument already present.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.861/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification	:B60C 9/20
(31) Priority Document No	:2009-182506
(32) Priority Date	:05/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004854
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/016215
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ICHIHARA EIJI

(57) Abstract :

Proposed is a pneumatic tire having excellent durability, handling stability and uneven wear resistance even if weight reduction is achieved by improving a belt. The pneumatic tire according to the present invention having a carcass layer 5 toroidally extending from a tread portion 3 through a side wall portion 2 to a bead portion 1, and a belt layer 6 disposed at the outer side of the carcass layer 5 in the tire radial direction, in which the carcass layer 5 includes one or more carcass plies 5a, the belt layer 6 includes a first belt 7 having a first cord 7a inclined with respect to a tire equator S at an angle in the range of 15° to 75° and a second belt 8 having a second cord 8a extending in parallel to the tire equator S, said first belt 7 having a tensile strength smaller than that of the second belt 8.

No. of Pages : 53 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.880/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTI-VIRUS SCANNING

(51) International classification :G06F 21/00

(31) Priority Document No :0912017.1

(32) Priority Date :10/07/2009

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

(86) International Application No :PCT/EP2010/059762

Filing Date :07/07/2010

(87) International Publication No :WO 2011/003958

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)F-SECURE CORPORATION

Address of Applicant :TAMMASAARENKATU 7, PL 24,
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(72)Name of Inventor :

1)NIEMELA, JARNO

2)HARMONEN, TIMO

3)SIERWALD, JORN

4)STAHLBERG, MIKA

(57) Abstract :

A method and apparatus for performing an anti-virus scan of a file system. Intermediate scanning results are obtained for a file in the file system, prior to a scan of the file being completed. The intermediate scanning results are then stored in a database. The intermediate scanning results can be used to speed up subsequent scans, and to provide other useful information to an on-line anti-virus server. In a subsequent scan of the file system, a determination is made whether intermediate scanning results relating to the file are available in the database. If they are available for a particular type of intermediate scan, then a scan need not be performed for the file. If they are not, then the scan can be performed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9200/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INDOLE AND INDAZOLE COMPOUNDS THAT ACTIVATE AMPK

(51) International classification :C07D403/12,C07D401/14,C07D405/14
(31) Priority Document No :61/622129
(32) Priority Date :10/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/052604
Filing Date :01/04/2013
(87) International Publication No :WO 2013/153479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BHATTACHARYA Samit Kumar
2)CAMERON Kimberly OKeefe
3)DOWLING Matthew Scott
4)EBNER David Christopher
5)FERNANDO Dilinie Prasadhini
6)FILIPSKI Kevin James
7)KUNG Daniel Wei Shung
8)LEE Esther Cheng Yin
9)SMITH Aaron Christopher
10)TU Meihua Mike

(57) Abstract :

The present invention relates to indole and indazole compounds of Formula (I) that activate 5 adenosine monophosphate activated protein kinase (AMPK). The invention also encompasses pharmaceutical compositions containing these compounds and methods for treating or preventing diseases conditions or disorders ameliorated by activation of AMPK.

No. of Pages : 424 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9201/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOSITE PALLETS FOR CONCRETE PIPE

(51) International classification	:B65D19/26,B28B21/02	(71)Name of Applicant :
(31) Priority Document No	:61/642136	1)HAWKEYE CONCRETE PRODUCTS CO.
(32) Priority Date	:03/05/2012	Address of Applicant :506 S. Wapello Street, Mediapolis,
(33) Name of priority country	:U.S.A.	Iowa 52637 U.S.A.
(86) International Application No	:PCT/US2013/039199	2)SUBACCHI, Claudio
Filing Date	:02/05/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/166242	1)SUBACCHI, Claudio
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composite pallet (100) for forming the end of a concrete product such as a concrete pipe includes an inner structural support preferably comprising steel and/or concrete, with a bottom section (102) and a top section (104), wherein the top section (104) has an upward facing load bearing surface that is bonded with a substantially smooth polymer layer (112,114).

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8815/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MIXTURES CONTAINING ONE OR MORE DIESTERS OF DECARBONIC ACID AND METHOD FOR THEIR PURIFICATION

(51) International classification	:C07K14/21
(31) Priority Document No	:10 2006 018 845.4
(32) Priority Date	:22/04/2006
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2007/003202
Filing Date	:11/04/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9500/DELNP/2008
Filed on	:14/11/2008

(71)**Name of Applicant :**
1)LANXESS DEUTSCHLAND GMBH
Address of Applicant :51369 Leverkusen, Germany
(72)**Name of Inventor :**
1)STEFFEN KAHLERT
2)JOHANNES KAULEN
3)ERASMUS VOGL

(57) Abstract :

By using protonic acids, diesters of dicarbonic acid may be stabilized against thermal and chemical decomposition over a relatively long period. Mixtures of diesters of dicarbonic acid and protonic acids are outstandingly suitable for preserving foods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9210/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR POSITIONING A TOOL OF A MACHINE TOOL IN THE VISUAL FIELD OF A VISUAL SYSTEM AND RELATIVE MACHINE TOOL

(51) International classification	:G05B19/401
(31) Priority Document No	:BO 2012 A 000221
(32) Priority Date	:20/04/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2013/058117
Filing Date	:18/04/2013
(87) International Publication No	:WO 2013/156575
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)MARPOSS SOCIETA 'PER AZIONI
Address of Applicant :Via Saliceto, 13, 1-40010 Bentivoglio
BO Italy
(72)Name of Inventor :
1)PASSINI , Stefano
2)BRUNI Roberto

(57) Abstract :

A method for positioning a tool (3) mounted on a spindle (2) of a numerical control machine tool in the visual field (20) of a visual system (7) for measuring the tool, includes a step of moving (35) the rotating spindle along an axis (Z) from a reference position (Z0) towards a target position (Zobj) defined in the visual field, and a step of acquiring images of the visual field. The stop of the spindle movement along the axis is controlled as soon as an acquired image (IM1) reveals (36) that a determined portion (13) of the tool, for instance a tip, has entered the visual field. When the stop is controlled (37), an instant position (Zl) of the spindle is acquired (38) and a distance (POS) between the tip of the tool and the target position is measured (39). On the basis of such instant position and distance, a final position (Z2) is calculated (40), and the spindle is brought (42) to such final position. A preliminary step (31) during which the spindle and the tool are displaced of a certain amount towards the visual system, and/or a phase of fine positioning (44, 45, 46, 42) can be considered. A machine tool includes control units (4, 10) that implement the method for positioning.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9212/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PEROXYGEN RELEASE COMPOSITIONS AND METHOD FOR PRODUCING THEM

(51) International classification	:C01B15/037,C01F11/46	(71)Name of Applicant :
(31) Priority Document No	:12167726.4	1)CREACHEM SA
(32) Priority Date	:11/05/2012	Address of Applicant :Rue du Nord, 9, CH-1920 Martigny
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/059824	(72)Name of Inventor :
Filing Date	:13/05/2013	1)LAKAYE, Frdric
(87) International Publication No	:WO 2013/167752	2)DE WINDT, Wim
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Stabilized peroxygen containing compositions are disclosed both in thickened viscous form and in dry form. The compositions contain newly synthesized calcium sulfate crystals that function as a thickener and stabilizing agent against metal catalyzed decomposition. The invention discloses a composition comprising 0.5 wt % to 50 % wt of hydrogen peroxide 2.0 wt % to 80.0 % wt of newly synthesized calcium sulfate crystals being of individual sheet or needle shape and water said composition having a viscosity of 200 cP to 20 000 cP. The invention further provides a process for making same comprising the reaction of a water soluble calcium containing salt with sulfuric acid or a salt thereof in an aqueous hydrogen peroxide solution at a reaction temperature of up to 80°C in a mixing apparatus followed by a concentration step in order to thicken into a stable viscous dispersion or paste containing at least 2 wt % and preferably 10 wt % to 15 wt % of CaSO₄. The compositions are suitable for use as disinfectants as cleaning agents and in a variety of personal care pharmaceutical textile bleaching and industrial applications.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9213/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF 4- ALKANLOYLOXY- 2- METHYLBUTANOIC ACID

(51) International classification :C07C67/29,C07C69/14,C07C69/02
(31) Priority Document No :12170781.4
(32) Priority Date :05/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/061605
Filing Date :05/06/2013
(87) International Publication No :WO 2013/182607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DSM IP ASSETS B.V.
Address of Applicant :Patent Department, Het Overloon 1,
NL-6411 The Heerlen Netherlands
(72)Name of Inventor :
1)BONRATH, Werner
2)SCHTZ, Jan
3)WSTENBERG, Bettina
4)NETSCHER, Thomas

(57) Abstract :

The present invention relates to an improved process for the production of 4- alkanoyloxy-2-methylbutanoic acid, as well as to the use of such compounds in organic syntheses, especially in processes forming intermediates (building blocks) for the synthesis of organic compounds comprising isoprene (isoterpene) units, such as b-carotene or other carotenoids (e.g. canthaxanthin, zeaxanthin or astaxanthin) or as vitamin E or vitamin A as well as other structurally similar compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENERGY STORAGE UNIT FOR DEPLOYMENT OF DEPLOYABLE FDR-CVR-ELT SYSTEM FO CIVIL/MILITARY/NAVAL AIRCRAFT FOR AIRBORNE APPLICATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, AVIONICS DIVISION, KORWA
(32) Priority Date	:NA	Address of Applicant :AGM (DESIGN) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED AVIONICS
(86) International Application No	:NA	DIVISION KORWA, AMETHI-227412, UP, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.K. SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	2)SHESH VARDHAN
Filing Date	:NA	3)DHEERAJ KUMAR
(62) Divisional to Application Number	:NA	4)SANJEEV VERMA
Filing Date	:NA	

(57) Abstract :

This Energy Storage Unit is for use on Civil/Military/Naval aircraft for airborne application

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF MAGNETICALLY SEPARABLE AND SILICA DECORATED METAL NANOSTRUCTURES

(51) International classification	:C01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SINHA ANIL KUMAR
(61) Patent of Addition to Application Number	:NA	2)SINGH BHAWAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a efficient single step fabrication of a magnetically separable porous silica decorated nickel nanostructures and porous silica decorated nickel oxide nanostructures of high surface area. The magnetic porous silica decorated nanostructures having an average particle diameter of no more than about 300 nanometers.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9225/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MIMO CONFIGURATION METHODS AND APPARATUS

(51) International classification :H04B7/04,H04B7/06,H04W52/02

(31) Priority Document No :13/440771

(32) Priority Date :05/04/2012

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

(86) International Application
No :PCT/EP2013/057258

Filing Date :05/04/2013

(87) International Publication
No :WO 2013/150155

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ST-ERICSSON SA

Address of Applicant :Chemin du Conque, F-06330 Roquefort
les Pins (FR) Switzerland

(72)Name of Inventor :

1)SESIA Stefania

2)TOMATIS Fabrizio

(57) Abstract :

Multiple-input multiple-output (MIMO) with multiple power amplifiers (404,406) and antennas (408, 410) in a mobile transmitter, such as a user equipment for a cellular telephone communication system, has such great impacts on the transmitters battery life, form factor, and complexity that it should not be used unless its benefits clearly outweigh its costs. Methods and apparatus of the invention enable to obtain the benefits of MIMO by beam forming and antenna -switching without incurring the drawbacks of increased current consumption due to multiple power amplifiers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9226/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B17/22
(31) Priority Document No :10 2012 010 456.1
(32) Priority Date :26/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000264
Filing Date :14/05/2013
(87) International Publication No :WO 2013/178208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Hseler Platz 2, 42579 Heiligenhaus
Germany
(72)Name of Inventor :
1)BENDEL, Thorsten

(57) Abstract :

The invention relates to a motor vehicle door lock, having a lever chain (2 to 6) which can be acted upon by a motor, and having an electric motor (10) featuring an associated control unit (11), wherein the electric motor (10) moves the lever chain (2 to 6) into a predetermined position or, starting from the predetermined position, acts thereon, and wherein the control unit (11) uses data of the electric motor (10) for acting thereon. According to the invention the control unit (11) evaluates gradients of performance data of the electric motor (10) for adjusting the position of the lever chain (2 to 6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9227/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING AND SELECTIVELY SHARING AN IMAGE IN AN IMAGE LIBRARY

(51) International classification :G06F9/54,H04L29/06,H04N7/15
(31) Priority Document No :61/643304
(32) Priority Date :06/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039264
Filing Date :02/05/2013
(87) International Publication No :WO 2013/169556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :7414 Hoilister Avenue, Goleta, CA 93117 U.S.A.
(72)**Name of Inventor :**
1)MAHIEU, Tom
2)ALEXANDROV Albert

(57) Abstract :

Systems and methods for sharing an image in a communication session are disclosed. In some aspects, a software application is run on a first computing device, while a communication application is run on the first computing device. The first computing device is associated with a presenter in a communication session implemented via the communication application. That one or more images were added to an image library of the first computing device since a time when the communication application started running on the first computing device is determined, using the communication application. The communication application facilitates transmission of at least one of the one or more images to one or more second computing devices. The one or more second computing devices are associated with one or more audience members in the communication session.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9228/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING EWINGS SARCOMA FAMILY OF TUMORS

(51) International classification :C07D209/38,A61K31/404,A61P35/00
(31) Priority Document No :61/623349
(32) Priority Date :12/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/036234
Filing Date :11/04/2013
(87) International Publication No :WO 2013/155341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)TORETSKY, Jeffrey A.
2)BROWN, Milton, Lang
3)TOSSO, Perrerr N.
4)UREN, Aykut
5)KONG, Yali

(57) Abstract :

Compounds, compositions and methods relating to EWS-FLI1 protein inhibitors are provided. The compounds have utility in the treatment of cancers including the Ewings sarcoma family of tumors.

No. of Pages : 80 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2013

(21) Application No.1020/DEL/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : WATER BASED INSUMESCENT FIRE RETARDANT CLEAR COATING COMPOSITION

(51) International classification	:C09D5/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(33) Name of priority country	:NA	INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
(86) International Application No	:NA	MARG, NEW DELHI 110011 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAIK; RAMAVATH BALOJI
(61) Patent of Addition to Application Number	:NA	2)MALVANKAR; NANDKISHOR GANAPAT
Filing Date	:NA	3)PAWAR; SUSHIL SHANTARAM
(62) Divisional to Application Number	:NA	4)SINGH; SHAILESH KUMAR
Filing Date	:NA	

(57) Abstract :

Intumescent fire retardant clear coating composition comprising a. phosphate ester epoxy resin b. melamine formaldehyde resin and c. water wherein the phosphate ester epoxy resin comprises of mixture of polyol and butanol; polyphosphoric acid and mixture of epoxy resin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11247/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR MAKING A MULTILAYERED FOOD PRODUCT AND CORRESPONDING PRODUCT

(51) International classification :A23P1/12,A23L1/00,A21D13/00
(31) Priority Document No :10167692.2
(32) Priority Date :29/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060758
Filing Date :28/06/2011
(87) International Publication No :WO 2012/000953
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Switzerland

(72)Name of Inventor :

1)VARDI Ishay

2)TSLAF Alex

(57) Abstract :

The present invention relates to a method for providing a cooked multilayered food product the method comprises the steps of: providing a food base product; and subjecting the food base product to a cooking extrusion process through a multilayer shaped extrusion die providing a cooked multilayered food product with controlled expansion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.267/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY PURE LINEZOLID FORM -1

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUBILANT LIFE SCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16 A, NOIDA -
(33) Name of priority country	:NA	201301, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISWAS, SUJAY
(87) International Publication No	:NA	2)SINGH, SHISHUPAL
(61) Patent of Addition to Application Number	:NA	3)GUPTA, ASHISH KUMAR
Filing Date	:NA	4)PANDA, ATULYA KUMAR
(62) Divisional to Application Number	:NA	5)VIR, DHARAM
Filing Date	:NA	

(57) Abstract :

The invention relates to enantiomeric pure linezolid Form-I having S-isomer content more than about 99.9% relative to its R-isomer. Further aspect of invention provides the improved process for preparation of enantiomeric pure linezolid Form-I, wherein linezolid Form-I having the purity more than 99.9% relative to any other known polymorphic form of linezolid. The obtained enantiomeric pure linezolid Form-I of formula-I can be subsequently converted into the other known polymorphic forms linezolid.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : FULLY HUMAN ANTIBODIES BTLA

(51) International classification :C07K 16/28

(31) Priority Document No :61/230,332

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/US2010/043182

Filing Date :26/07/2010

(87) International Publication No :WO 2011/014438

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MEDAREX, INC.

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(72)Name of Inventor :

1)MATARAZA JENNIFER MARIE

2)VAN ELSAS ANDREA

3)KORMAN ALAN J.

4)HALK EDWARD L.

5)THUDIUM KENT B.

6)SELBY MARK

7)SPROUL TIMOTHY W.

8)LEBLANC HEIDI N.

(57) Abstract :

The present invention relates to binding compounds specific for BTLA and uses thereof. More specifically, the invention relates to fully human antibodies that recognize human BTLA and modulate its activity in cancer, inflammatory, and autoimmune disorders.

No. of Pages : 162 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SIMULATOR INCLUDING A CONTROLLER

(51) International classification	:G01C
(31) Priority Document No	:1018974.4
(32) Priority Date	:10/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB20100/052188
Filing Date	:10/11/2011
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :56 COLLINGDON STREET, LUTON,
BEDFORDSHIRE LU1 1RX, UNITED KINGDOM
(72)**Name of Inventor :**
1)TELENSKY, JAN
2)KAMAT, PRAJAY

(57) Abstract :

The invention relates to a simulator. The simulator includes a controller, including a gyroscope, magnetometer and accelerometer. The controller is formed of two rotatably connected portions, and includes a bending sensor, to measure the relative angle between the two portions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8830/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : YEAST-BASED VACCINE FOR INDUCING AN IMMUNE RESPONSE

(51) International classification	:A61K39/00, A61K39/12,
(31) Priority Document No	:60/765,025
(32) Priority Date	:02/02/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/061572
Filing Date	:02/02/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7400/DELNP/2008
Filed on	:29/08/2008

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1)DUKE, Richard, C.

2)FRANZUSOFF, Alex

3)HALLER, Aurelia

4)KING, Thomas, H.

5)LU, Yingnian

6)HODSON, Victoria, Kelley

(57) Abstract :

The invention provided herein relates to vaccines that can be tailored to achieve a desired immune response. Some compositions provided herein are used for preferentially eliciting a humoral immune response while other compositions are useful for preferentially eliciting a cell-mediated response. Combinations of vaccine compositions are also useful for eliciting both types of responses and/or for modulating the type of immune response elicited. The invention also provides methods for eliciting an immune response in an individual by administering the compositions disclosed herein. These immune responses are useful for protecting an individual from various types of diseases, infections, and undesirable conditions.

No. of Pages : 180 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9232/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : FREE STANDING LINER UNIT AND METHOD FOR BUILDING TANK

(51) International classification	:F17C3/04,E04H7/18	(71)Name of Applicant :
(31) Priority Document No	:2012101266	1)IHI CORPORATION
(32) Priority Date	:26/04/2012	Address of Applicant :1-1 Toyosu 3-chome, Koto-ku Tokyo
(33) Name of priority country	:Japan	1358710 Japan
(86) International Application No	:PCT/JP2013/055509	(72)Name of Inventor :
Filing Date	:28/02/2013	1)UCHIYAMA Norio
(87) International Publication No	:WO 2013/161385	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This free-standing liner unit (1) is integrally constituted of a planar outer tank liner plate (2), a planar secondary barrier plate (3), and a cold insulator layer (4) arranged between the outer tank liner plate (2) and the secondary barrier plate (3). According to this free standing liner unit (1) it is possible to shorten the construction period that occurs in the building of a tank when the formation of an outer tank side plate and the formation of a tank interior structure are carried out in parallel and possible to improve the ease of handling of the free-standing liner unit (1).

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSESTERIFICATION PROCESS OF RETINOL ESTERS

(51) International classification :C07C403/12

(31) Priority Document No :12179461.4

(32) Priority Date :07/08/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/066558

Filing Date :07/08/2013

(87) International Publication No :WO 2014/023772

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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6411 The Heerlen Netherlands

(72)Name of Inventor :

1)BONRATH Werner

2)GAA Alex

3)STRITT Claude

(57) Abstract :

The present invention relates to a transesterification process of specific compounds comprising isoprenoid units.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTIMIZED PRODUCTION OF AROMATIC DICARBOXYLIC ACIDS

(51) International classification	:C07C51/255, B01J8/04
(31) Priority Document No	:60/606,585
(32) Priority Date	:02/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/30832
Filing Date	:29/08/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:441/DELNP/2007
Filed on	:17/01/2007

(71)Name of Applicant :

1)GRUPO PETROTEMEX, S.A. DE C.V

Address of Applicant :Ricardo Margain No. 444, Torre sur,
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Nuevo Leon (81) 8748 1500, Mexico

(72)Name of Inventor :

1)ROBERT LIN

2)MARCEL DE VREEDE

(57) Abstract :

A process comprising: (a) providing a slurry comprising a solid phase and a liquid phase, wherein said solid and liquid phases contain terephthalic acid, respectively (b) subjecting at least a portion of said terephthalic acid contained in said solid phase to oxidation treatment in the presence of a catalyst to thereby produce oxidation-treated terephthalic acid; and (c) subjecting at least a portion of said terephthalic acid contained in said liquid phase to hydrogenation treatment in the presence of a catalyst to thereby produce hydrogenation-treated terephthalic acid.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : INKJET RECORDING DEVICE AND PRINTING HEAD

(51) International classification :B41J 2/075

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/064170

Filing Date :11/08/2009

(87) International Publication No :WO 2011/018841

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HARADA NOBUHIRO

2)MIYAO AKIRA

3)HORIKAWA KOJI

4)UMETSU HISASHI

5)MORIAI TAKUYA

(57) Abstract :

In an inkjet recording device, nozzles are arranged orthogonally to a deflection direction of deflection electrodes. Ink jetted from each nozzle is charged by a pair of charging electrodes. Charged droplets are deflected by an electric field formed thereby. Voltages applied to each electrode and timings thereof can be independently adjusted.

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SIMULATOR INCLUDING A METHOD AND APPARATUS FOR DETERMINING THE CO-ORDINATES OF AN OBJECT IN TWO DIMENSIONS

(51) International classification	:G01C
(31) Priority Document No	:1018974.4
(32) Priority Date	:10/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/052187
Filing Date	:10/11/2011
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JT CONSULTANCY LIMITED
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(72)**Name of Inventor :**
1)TELENSKY, JAN
2)KAMAT, PRAJAY

(57) Abstract :

The invention relates to a simulator. The simulator includes a method and apparatus for determining the coordinates of an object in two dimensions. A camera and infrared camera are provided, for capturing images of the controller. The infrared image is processed using an active contour model to produce a training image from an image from the camera. An adaptive correlation filter is constructed from the training image, which is correlated with images from the camera to measure the position of the controller.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9244/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTINUOUS OR SEMI CONTINUOUS PROCESS FOR TREATING BIOMASS TO PRODUCE MATERIALS USEFUL FOR BIOFUELS

(51) International classification :C12P19/02,C12P19/14,C13K1/02

(31) Priority Document No :61/643633

(32) Priority Date :07/05/2012

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

(86) International Application No :PCT/US2013/039843
Filing Date :07/05/2013

(87) International Publication No :WO 2013/169706

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)SHELL, INTERNATIONALE RESEARCH
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(72)Name of Inventor :

1)WEIDER, Paul Richard

2)BLACKBOURN, Robert Lawrence

3)BROWN, David Matthew

(57) Abstract :

Fermentable sugar useful for the production of biofuels is produced from biomass in a continuous or semi-continuous manner by providing pumpable biomass.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9245/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR EXTERNAL MEDICAL TREATMENT USING LIGHT WITH SEVERAL SERIES OF INCREASING PULSE FREQUENCIES

(51) International classification	:A61N5/06
(31) Priority Document No	:12504627
(32) Priority Date	:07/05/2012
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2013/050468
Filing Date	:26/04/2013
(87) International Publication No	:WO 2013/169181
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIOLIGHT PATENT HOLDING AB
Address of Applicant :Tomtebgatan 4- S-113 39 Stockholm Sweden
(72)**Name of Inventor :**
1)THIBERG, Rolf

(57) Abstract :

Device for external medical treatment using light, comprising a light emitting means (1) arranged to abut against or be held near the body of an individual as well as a drive device (9, 10) for the light emitting means, which light emitting means comprises light emitting diodes or the corresponding (3, 4) which light emitting diodes are arranged to emit light in different wavelength intervals, wherein the drive device (9,10) is arranged to control the light emitting means (1) to emit light of one or several wavelengths during one or several predetermined times and to emit said light in a pulsating manner, which light emitting means comprises a cover and a light emitting diode plate (2), supporting the light emitting diodes, wherein the light emitting diodes are positioned on said plate so that there is a certain distance between two adjacent light emitting diodes and wherein the device is arranged to emit light in two or several series with increasing pulse frequencies F1, F2, Fn where F1 is a fundamental frequency and where F2 and Fn are multiples of the fundamental frequency. The invention is characterised in that the device is arranged to emit a pulse repetition frequency that varies about the respective frequency F1, F2 and Fn.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9233/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLEXIBLE MATERIALS FOR FLEXIBLE CONTAINERS

(51) International classification :B32B27/08,B32B27/30,B32B27/32
(31) Priority Document No :61/643813
(32) Priority Date :07/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039809
Filing Date :07/05/2013
(87) International Publication No :WO 2013/169688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)STANLEY, Scott, Kendyl
2)YOU, Jun
3)BOSWELL, Emily ,Charlotte
4)ARENT, Lee, Mathew

(57) Abstract :

A flexible material for a flexible container can include a first laminate and a second laminate joined to at least a portion of the first laminate by at least one seal. The first laminate can include a first gas barrier layer disposed between first and second sealable layers, wherein the first and second sealable layers define opposed exterior layers of the first laminate. The second laminate can include a third sealable layer defining an exterior layer of the second laminate, and a second gas barrier layer. The at least one seal joins a portion of the third sealable layer to at least a portion of the second sealable layer.

No. of Pages : 103 No. of Claims : 15

(54) Title of the invention : COMPLEX COMPOUNDS OF GERMANIUM, METHODS FOR PRODUCING SAME , AND DRUGS

(51) International classification :C07F7/30,A61K31/28,A61P31/22

(31) Priority Document No :2012120329

(32) Priority Date :16/05/2012

(33) Name of priority country :Russia

(86) International Application No :PCT/RU2012/000897

Filing Date :01/11/2012

(87) International Publication No :WO 2013/172732

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)ISAEV, Alexandr Dmitrievich**2)AMBROSOV, Igor Valerievich****3)MANASHEROV, Tamaz Omarovich****4)MATELO, Svetlana Konstantinovna**

(57) Abstract :

The invention relates to the development of drugs intended for the prophylaxis and/or treatment of viral diseases caused, in particular, by herpes viruses. What are proposed are complex compounds of germanium having the general structural formula: Gex [AD][CA]_y[AA]_z (I), where AD is a derivative of a nitrogenous base of the purine series that has antiviral activity and can be selected from guanine derivatives, such as aciclovir, valaciclovir, ganciclovir and penciclovir, or from adenine derivatives, such as vidarabine; CA is a hydroxycarboxylic acid which can be selected from acids such as (but not limited to) citric acid, lactic acid and malic acid; AA is an amino acid which can be selected from various α-amino acids, such as arginine, glycine, lysine and threonine, and where x = 1-2, y = 2-4 and z = 0-2. Complex compounds of germanium have a high level of antiviral and immune-stimulating activity and are readily soluble in water. The above-mentioned compounds are produced by producing an aqueous suspension of germanium dioxide, adding a hydroxycarboxylic acid, a derivative of a nitrogenous base of the purine series and, optionally, but preferably, an amino acid thereto, heating the mixture produced at a temperature of 40-100°C for 3-14 hours while stirring and removing the water from the solution, thus producing a complex compound of germanium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9235/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR EXTERNAL MEDICAL TREATMENT USING LIGHT OF VARYING PULSE LENGTHS

(51) International classification	:A61N5/06
(31) Priority Document No	:12504619
(32) Priority Date	:07/05/2012
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2013/050467
Filing Date	:26/04/2013
(87) International Publication No	:WO 2013/169180
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)THIBERG Rolf

(57) Abstract :

Device for external medical treatment using light, comprising a light emitting means (1) arranged to abut against or be held near the body of an individual as well as a drive device (9, 10) for the light emitting means which light emitting means comprises light emitting diodes or the corresponding (3, 4) which light emitting diodes are arranged to emit light indifferent wavelength intervals wherein the drive device (9 10) is arranged to control the light emitting means (1) to emit light of one or several wavelengths during one or several predetermined times and to emit said light in a pulsating manner which light emitting means comprises a cover and a light emitting diode plate(2), supporting the light emitting diodes , and wherein the light emitting diodes are positioned on said plate so that there is a certain distance between two adjacent light emitting diodes. The invention is characterised in that the drive device (9 ,10)is arranged to control the light emitting means to emit pulsating light with a pulse length which lies within an interval of about 60% to 90% of the time between the respective start edge of two consecutive pulses and is arranged to vary the length of the pulses over time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9237/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR INKJET VARNISHING

(51) International classification	:B41M7/02
(31) Priority Document No	:12175235.6
(32) Priority Date	:06/07/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/062496
Filing Date	:17/06/2013
(87) International Publication No	:WO 2014/005826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DE MEUTTER, Stefaan
2)VAN DYCK, Geert
3)TILEMANS, David

(57) Abstract :

A method for inkjet varnishing a substrate including the steps of a) jetting a micro-pattern of a varnish having a viscosity of less than 30 mPa.s at 45°C and at a shear rate of 30 s to a portion of the substrate by one or more printheads having nozzles with a nozzle diameter of no more than 30 µm; and b) curing the micro-pattern within 500 milliseconds after jetting thereby providing a micro roughness to the portion of said substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9238/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR TREATING AN OPIOID INDUCED ADVERSE PHARMACODYNAMIC RESPONSE

(51) International classification :A61K9/70,A61K31/00,A61K31/485
(31) Priority Document No :61/625361
(32) Priority Date :17/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000746
Filing Date :17/04/2013
(87) International Publication No :WO 2013/156850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HUMMEL, Michele
2)KYLE, Donald J.
3)LAUTERMILCH, Nathan
4)WHITESIDE, Garth

(57) Abstract :

Disclosed in certain embodiments is a method of treating or preventing an opioid induced adverse pharmacodynamic response comprising administering to a patient in need thereof an effective amount of buprenorphine.

No. of Pages : 145 No. of Claims : 111

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9240/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMBINATION OF SOMATOSTATIN ANALOGS WITH 11BETA- HYDROXYLASE INHIBITORS

(51) International classification :A61K38/31,A61K31/4164,A61P5/00
(31) Priority Document No :61/623117
(32) Priority Date :12/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/057515
Filing Date :10/04/2013
(87) International Publication No :WO 2013/153129
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GERICKE, Germo Hans
2)SCHMID, Herbert Anton
3)MALDONADO LUTOMIRSKY, Mario Roberto
4)LI, Li

(57) Abstract :

The present invention relates to a combination which comprises (a) a somatostatin analogue and (b) a 11beta hydroxylase inhibitor; each in free form or in the form of a pharmaceutical acceptable salt thereof; the use of such a combination for the preparation of a medicament for the treatment of diseases associated with increased stress hormone levels; a commercial package or product comprising such a combination; and to a method of treatment of a warm blooded animal, especially a human.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9241/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR DISPENSING FLUID PRODUCT

(51) International classification :A61M15/00

(31) Priority Document No :1254799

(32) Priority Date :24/05/2012

(33) Name of priority country :France

(86) International Application No :PCT/FR2013/051111

Filing Date :22/05/2013

(87) International Publication No :WO 2013/175121

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)APTAR FRANCE SAS

Address of Applicant :BP G, Le Prieur, F-27110 Le Neubourg
France

(72)Name of Inventor :

1)COLOMB Arnaud

(57) Abstract :

Device for dispensing fluid product, comprising a body (10), at least one cap element (11,12) mounted to pivot on said body (10) between a closed position, and an open position said device comprising at least one individual reservoir containing a single dose of fluid product, such as powder, opening means (80) being provided for opening an individual reservoir each time the device is actuated, said device comprising mobile support means (50) designed to move an individual reservoir against said opening means (80) upon each actuation, said mobile support means (50) being movable between a non-dispensing position and a dispensing position, said mobile support means (50) being urged toward their dispensing position by elastic means (70) such as a spring or an elastic leaf, and being kept in the non dispensing position by immobilizing means which are released by the inhalation of the user, said device comprising an arming member (800) collaborating with said elastic means (70) and with a cam surface (51) formed on said mobile support means (50), said arming member (800) and said elastic means (70) being assembled into a housing provided in a housing component (700) connected to a cap element (12).

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9242/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOINJECTOR

(51) International classification :A61M5/20,A61M5/32
(31) Priority Document No :1254833
(32) Priority Date :25/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051142
Filing Date :24/05/2013
(87) International Publication No :WO 2013/175140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FABIEN, David
2)MANSENCAL, Antoine
3)WALTER, Matthieu

(57) Abstract :

The invention relates to an autoinjector comprising: a lower body; a central body (1) secured to the lower body (10); and an actuator sleeve (11) which can be moved inside the lower body (10) between a projecting position, in which the actuator sleeve (11) projects at least partially from the lower body (10) and an actuation position in which the actuator sleeve (11) is moved axially into the lower body (10). The actuator sleeve (11) comprises a flexible tab (110) that can deform (i) radially and (ii) laterally in relation to the central body (1) when the actuator sleeve is moved from the projecting position into the actuation position and subsequently from the actuation position back into the projecting position.

No. of Pages : 70 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8281/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ZONE HEATING AND COOLING

(51) International classification	:F24F3/00
(31) Priority Document No	:10/959,361
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/032022
Filing Date	:08/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3239/DELNP/2007
Filed on	:30/04/2007

(71)Name of Applicant :

1)KATES, Lawrence

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(72)Name of Inventor :

1)KATES, Lawrence

(57) Abstract :

An Electronically-Controlled Register vent (ECRV) that can be easily installed by a homeowner or general handyman is disclosed. The ECRV can be used to convert a non-zoned HVAC system into a zoned system. The ECRV can also be used in connection with a conventional zoned HVAC system to provide additional control and additional zones not provided by the conventional zoned HVAC system. In one embodiment, the ECRV is configured have a size and form-factor that conforms to a standard manually controlled register vent. In one embodiment, a zone thermostat is configured to provide thermostat information to the ECRV. In one embodiment, the zone thermostat communicates with a central monitoring system that coordinates operation of the heating and cooling zones.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.865/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SECOND STAGE SELECTIVE HYDROGENATION OF PYROLYSIS GASOLINE TO PRODUCE QUALITY SOLYENTS

(51) International classification

:C10J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)SINHA ANIL KUMAR

2)ANAND, MOHIT

3)FAROOQUI SALEEM AKTHAR

4)RAKESH KUMAR

5)JOSHI RAKESH KUMAR

6)ROHIT KUMAR

7)KHAN TASLEEM

8)ALAM PARVEZ

(57) Abstract :

The present invention relates to a catalytic process for selective hydrogenation of pyrolysis gasoline to produce styrene free solvents. Pyrolysis gasoline was hydrogenated in a fixed bed reactor over a sulphided Co-Mo/Al₂O₃ catalyst. Pyrolysis gasoline was contacted with the catalyst in the presence of hydrogen at temperature and pressure and liquid hourly velocity of 250-350 °C, 20-60 atm and 0.5-5.0 h⁻¹ respectively. Pyrolysis gasoline was hydrogenated to reduce sulfur, unsaturates and styrene without affecting the yield of aromatics. The product is optimized by suitably selecting the catalyst and tuning process conditions. Non precious metals including nickel, cobalt, molybdenum and tungsten are used as catalyst for this process. The process and catalyst is so tuned that the loss of aromatics is minimal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.865/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : BOTH-SIDE FRICTION STIR WELDING METHOD AND APPARATUS, METAL PLATES JOINING METHOD IN COLD ROLLING SYSTEM, AND COLD ROLLING SYSTEM

(51) International classification	:B23K 20/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/065221
Filing Date	:31/08/2009
(87) International Publication No	:WO 2011/024320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)SAITO TAKEHIKO
5)YOSHIMURA YASUTSUGU
6)HIRANO SATOSHI
7)PARK SEUNG HWAN

(57) Abstract :

When metal plates each having a thickness smaller than a diameter of each of shoulders of rotary tools are joined by both-side friction stir welding, rupture and defective joining of the metal plates are suppressed, joining strength is enhanced, and reliability of the joining strength is improved, while the tool life is prolonged and the rotary tool economy is improved. Inlet and outlet side gripping devices 7, 8 grip front and back surfaces of metal plates 1, 2, respectively, and rotary tools 5, 6 disposed in opposed relationship in the front surface side and the back surface side of the welding portion J are moved in a direction in which the upper and lower rotary tools approach to each other and impart a predetermined clearance 8 between distal ends of probes 13a, 13b of the upper and lower rotary tools 5, 6 while pressing the shoulders 5b, 6b thereof against the front and back surface sides of the welding portion J. Under this state, the upper and lower rotary tools 5, 6 are moved along the butting portion J while rotating the upper and lower rotary tools thereby to perform the friction stir welding. At this time, the axes 14 of the upper and lower rotary tools 5, 6 are inclined in a direction in which the respective probes 13a, 13b move ahead of the other portions of the rotary tools with respect to a traveling direction of the rotary tools 5, 6.

No. of Pages : 143 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9255/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : USER TERMINAL DEVICE AND CONTROL METHOD THEREOF

(51) International classification :G06F3/01,G06F3/048,G06F3/16
(31) Priority Document No :1020120036470
(32) Priority Date :08/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002934
Filing Date :08/04/2013
(87) International Publication No:WO 2013/154321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
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(72)Name of Inventor :
1)MIN, Hyun- suk

(57) Abstract :

A handheld user device and a control method thereof are provided, the user terminal device includes a first user interface, a second user interface, a sensing device which senses an operating condition of the handheld user device a controller which enables the first user interface and disables the second user interface if the operating condition corresponds to a first condition and enables the second user interface and disables the first user interface if the operating condition corresponds to a second condition.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9256/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : (R) - NIFURATEL- ITS USE FOR THE TREATMENT OF INFECTIONS AND SYNTHESIS OF (R) AND (S) - NIFURATEL

(51) International classification :C07D413/12,A61K31/422,A61P33/00
(31) Priority Document No :12167640.7
(32) Priority Date :11/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055078
Filing Date :13/03/2013
(87) International Publication No :WO 2013/167295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GAGLIARDI, Stefania
2)CONSONNI, Alessandra
3)MAILLAND, Federico
4)BULGHERONI, Anna

(57) Abstract :

(R)-Nifuratel is disclosed together with its use as bactericide and bacteriostatic agent as well as the pharmaceutical compositions containing the same; (R)-nifuratel has been surprisingly found to possess a better antimicrobial profile than either nifuratel racemate or (S)-nifuratel. A new procedure for the synthesis of both (R-) Nifuratel and (S)-Nifuratel is also disclosed.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9257/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD OF FABRICATING A COMPOSITE PART AND AN APPARATUS FOR FABRICATING A COMPOSITE PART

(51) International classification	:B29C70/44,G01M3/00
(31) Priority Document No	:PA 2012 70190
(32) Priority Date	:16/04/2012
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2013/050100
Filing Date	:11/04/2013
(87) International Publication No	:WO 2013/156029
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WARDROPPER, Steve

(57) Abstract :

A method of fabricating a composite part comprising fibre reinforced material in a mould (10a, 10b, 10c), the method comprising the steps of: depositing fibre material on a mould surface; covering the fibre material with a vacuum film to create a mould cavity that contains the fibre material and is substantially sealed; evacuating air from the mould cavity; detecting if there is an air leak into the mould cavity with an acoustic camera unit (31) during and/or after the step of evacuating air from the mould cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9258/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR PRINTING TACTILE SECURITY FEATURES

(51) International classification :B41M3/14,B42D15/00
(31) Priority Document No :12171469.5
(32) Priority Date :11/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/057904
Filing Date :16/04/2013
(87) International Publication No :WO 2013/185950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)GARNIER, Christophe
2)VUILLEUMIER, Lucien
3)DEGOTT, Pierre

(57) Abstract :

The present invention is related to a process for manufacturing a security feature comprising a tactile pattern said method comprising the steps of applying on a substrate a radiation- curable basecoat composition by a process selected from the group consisting of inkjet, offset, screen printing, flexo printing and rotogravure; at least partially or fully radiation- curing said radiation curable basecoat composition so as to obtain a radiation -cured basecoat; applying on the radiation cured basecoat obtained under step ii) a radiation curable topcoat composition in a form of indicia by a process selected from the group consisting of screen printing flexo printing and rotogravure; radiation curing said radiation curable topcoat composition so as to form a radiation cured topcoat, wherein the radiation- curable basecoat composition and/or the radiation curable topcoat composition comprises one or more machine readable feature substances independently selected from the group consisting of cholesteric liquid crystal pigments luminescent compounds infrared absorbing compounds, magnetic compounds and mixtures thereof, and wherein the radiation cured basecoat has a surface energy at least 15 mN/m less than the surface energy of the radiation-cured topcoat. The present invention is furthermore related to a corresponding security feature and its use for the protection of a security document against counterfeiting or fraud.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9259/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING A VEHICLE

(51) International classification :B60W30/18,B60W50/00,B60W50/14
(31) Priority Document No :10 2012 213 321.6
(32) Priority Date :30/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/065192
Filing Date :18/07/2013
(87) International Publication No :WO 2014/019866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)DENNER, Volkmar
2)POECHMUELLER, Werner

(57) Abstract :

The invention relates to a method for operating a vehicle (101), wherein during coasting of the vehicle (101), in order to reach a route position of a route still to be travelled at a desired speed that is less than a vehicle speed at the start of the coasting an actual vehicle speed is compared with a target vehicle speed (501, 601) and an action is performed (502; 404, 405) depending on the comparison. This allows continuous adaption of the driving resistance such that the desired speed is reliably achieved. Disturbances such as wind or grade can be compensated. The invention further relates to a device (701) for operating a vehicle (101), and a computer program.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9250/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : COLD MIST DECONTAMINATION UNIT AND METHOD OF OPERATING SAME

(51) International classification	:A62B7/08
(31) Priority Document No	:61/645254
(32) Priority Date	:10/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/029248
Filing Date	:06/03/2013
(87) International Publication No	:WO 2013/169328
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.
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1)HILL, Aaron L.
2)MIELNIK, Thaddeus J.,

(57) Abstract :

A method of decontaminating a room or space, comprising the steps of providing a cold- mist decontamination device capable of generating an atomized mist comprised of a decontaminant and water, inputting into an internal processor the parameters of the room or space and the concentration of the decontaminant in the decontamination solution, measuring the temperature and humidity in the room or space, and determining the maximum amount of the decontamination solution that can be introduced into the room or space in atomized form without condensing the decontaminant on surfaces within the room or space.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9251/DELNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING A SUBSTITUTED BENZOIC ACID COMPOUND

(51) International classification	:C07D317/22,C07D319/06	(71)Name of Applicant :
(31) Priority Document No	:2012107065	1)ISHIHARA, SANGYO KAISHA, LTD.
(32) Priority Date	:08/05/2012	Address of Applicant :3-15 Edobori 1 chome Nishi ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5500002 Japan
(86) International Application No	:PCT/JP2013/062646	(72)Name of Inventor :
Filing Date	:30/04/2013	1)JONISHI,Hisayoshi
(87) International Publication No	:WO 2013/168642	2)OKAMOTO, Tomohiro
(61) Patent of Addition to Application	:NA	3)ADACHI ,Norio
Number	:NA	4)ISOGAI, Akihiko
Filing Date	:NA	5)JUKUROGI, Tatsuya
(62) Divisional to Application Number	:NA	6)KONISHI, Hideaki
Filing Date	:NA	7)FUKUI, Fumihito

(57) Abstract :

Provided is an industrial production method with which a substituted benzoic acid compound that is useful as a drug or agrichemical intermediate is obtained with high purity and at a high yield. A compound represented by formula (II) (where Q is a 5 or 6 member saturated heterocycle group (where the heterocycle group is optionally substituted by alkyl) comprising one or two hetero atoms of at least one type selected from the group consisting of oxygen atoms and sulfur atoms, or a dialkoxymethyl; T is trifluoromethyl or the like; X is a halogen or the like; Y is a hydrogen atom, bromine atom, or iodine atom; and n is an integer between 1 and 6.) carbon monoxide and a compound represented by formula R OH (where R is an alkyl group) are reacted and then hydrolyzed to produce a compound represented by formula (I) (where Q T, X, and n are the same as previously defined).

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9252/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSPARENT DISPLAY APPARATUS AND METHOD THEREOF

(51) International classification :G09F9/00,G06F3/03,G06T7/00
(31) Priority Document No :1020120036475
(32) Priority Date :08/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002759
Filing Date :03/04/2013
(87) International Publication No :WO 2013/154295
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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1)YUN, Il- kook
2)LEE, Geun- ho
3)LEE, Chang, soo

(57) Abstract :

A transparent display apparatus and method for displaying information thereon includes sensing a position of an object, sensing a position of a user, determining an area of the transparent display through which the object is viewable by the user, and displaying the information on the transparent display based on the area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9253/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLEXIBLE DISPLAY APPARATUS AND OPERATING METHOD THEREOF

(51) International classification	:G06F3/01,G06F3/041	(71)Name of Applicant :
(31) Priority Document No	:1020120036474	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:08/04/2012	Address of Applicant :129 Samsung-ro Yeongtong- gu Suwon
(33) Name of priority country	:Republic of Korea	-si Gyeonggi- do 443 -742 Republic of Korea
(86) International Application No	:PCT/KR2013/002756	(72)Name of Inventor :
Filing Date	:03/04/2013	1)JUNG Ji hyun
(87) International Publication No	:WO 2013/154293	2)LEE, Chang, soo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flexible display device is provided. The A flexible touch-sensitive display device includes a display which is deformable a sensor which senses an input comprising a touch of the display and a deformation of the display, and a controller which receives the input, determines whether to select one of only the touch and only the deformation based on a condition of the input and selects only the touch if it is determined to select only the touch and only the deformation if it is determined to select only the deformation.

No. of Pages : 97 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9254/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEFORMABLE DISPLAY DEVICE AND METHOD FOR CONTROLLING THEREOF

(51) International classification :G06F3/01,G06F3/03,G06F3/14
(31) Priority Document No :1020120036473
(32) Priority Date :08/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002930
Filing Date :08/04/2013
(87) International Publication No :WO 2013/154318
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SEO Joon kyu
2)KANG, Kyung- a
3)KWAK, Ji- yeon
4)LEE, Geun- ho

(57) Abstract :

A deformable display device is provided. The deformable display device includes: a deformable display a sensor which senses a deformation located in a first area of the deformable display and a second area of the deformable display and a controller which receives deformation information corresponding to the deformation determines whether to identify one of only the first area and only the second area as a deformation area of the deformation based on the deformation information and identifies i) only the first area as the deformation area if it is determined to identify only the first area and ii) only the second area as the deformation area if it is determined to identify only the second area.

No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENCAPSULATED WATER TREATMENT SYSTEM

(51) International classification	:B66D	(71)Name of Applicant :
(31) Priority Document No	:60/647,680	1)EcoWater Systems LLC
(32) Priority Date	:27/01/2005	Address of Applicant :1890 Woodlane Drive Woodbury MN
(33) Name of priority country	:U.S.A.	55125 USA.
(86) International Application No	:PCT/US2006/003172	(72)Name of Inventor :
Filing Date	:27/01/2006	1)KENNEDY Gregory
(87) International Publication No	: NA	2)SINKULA David
(61) Patent of Addition to Application	:NA	3)ZIMMERMAN Jeffrey
Number	:NA	4)KHAMIS Chaouki
Filing Date	:NA	5)STOICK Michael
(62) Divisional to Application Number	:5633/DELNP/2007	
Filed on	:20/07/2007	

(57) Abstract :

A water treatment system is provided having an encapsulate manifold with a reverse osmosis cartridge and one or more filter cartridges. The filter cartridge includes a detent for being received within a slot in the manifold head for secure locking engagement. The water treatment system further includes a single probe conductivity monitoring system for monitoring the performance of a reverse osmosis membrane. The water treatment system is also provided in a modular arrangement wherein manifold heads are physically and fluidly coupled together via a clip which interfaces with the modular manifold heads. The water treatment system also allows for a retrofit application to include a permeate pump. The cartridges are also designed to provide a minimum annular inlet gap to minimize spillage during changing of the cartridges. 15

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR IMPROVING THE PHARMACEUTIC PROPERTIES OF MICROPARTICLES COMPRISING DIKETOPIPERAZINE AND AN ACTIVE AGENT

(51) International classification	:A61K9/14, A61P3/10
(31) Priority Document No	:60/776,605
(32) Priority Date	:22/02/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/062626
Filing Date	:22/02/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6594/DELNP/2008
Filed on	:29/07/2008

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(72)**Name of Inventor :**
1)WILSON, Bryan R.
2)GRANT, Marshall

(57) Abstract :

Methods are provided for drying a particle. Specifically, there is provided a spray-dried diketopiperazine-insulin particle formulation having improved aerodynamic performance and in which the active agent is more stabile and efficiently delivered as compared to that of the lyophilized diketopiperazine-insulin formulation. The dry powders have utility as pharmaceutical formulations for pulmonary delivery.

No. of Pages : 48 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9262/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DIGITAL CINEMA PROJECTION METHOD OPTIMIZATION DEVICE AND PROJECTION SYSTEM

(51) International classification :H04N9/64,H04N5/21,G03B21/32
(31) Priority Document No :201210235830.3
(32) Priority Date :06/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078936
Filing Date :05/07/2013
(87) International Publication No :WO 2014/005553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LIN Minjie
2)ZHAO, Zhongwei
3)HE, Wei
4)LI, Haizhou

(57) Abstract :

Proposed is a digital cinema projection method including the steps of: a digital cinema projector projecting an image to a screen and an image acquisition unit acquiring the image on the screen; an image analysis unit performing digital analysis on the acquired image to obtain a plurality of index parameters of the acquired image; according to each of the index parameters performing correction processing on an image signal input from a digital cinema server and outputting same to the digital cinema projector; and the digital cinema projector projecting the corrected image. Also provided is a digital cinema optimization device comprising an image acquisition unit an image analysis unit and an image processing unit. Also provided is a digital cinema projection system comprising a digital cinema optimization device a digital cinema server and a digital cinema projector. The digital cinema optimization device is electrically connected between the digital cinema server and the digital cinema projector. The method device and system of the present invention effectively improve the quality of a projected image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9263/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PIPERAZINE PREPARATION METHOD

(51) International classification :C07D295/023,C07C211/10,C07C211/14
(31) Priority Document No :12171084.2
(32) Priority Date :06/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/061104
Filing Date :29/05/2013
(87) International Publication No :WO 2013/182468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MELDER Johann Peter
3)ABEL Ulrich
4)DOSTALEK Roman
5)CHALLAND Nina
6)STEIN Bernd
7)J-DECKE Michael

(57) Abstract :

Method for preparing piperazine of formula I by reacting diethanolamine (DEOA) of formula II with ammonia in the presence of hydrogen and a metal containing supported catalyst. Before the catalyst is reduced with hydrogen the catalytically active mass of the catalyst contains oxygen containing aluminum copper nickel and cobalt compounds and 0.2 to 5.0 wt.% oxygen containing tin compounds calculated as SnO and the reaction is carried out in the liquid phase at an absolute pressure ranging from 160 to 220 bar at a temperature ranging from 180 to 220°C ammonia is used at a molar ratio ranging from 5 to 25 in relation to the DEOA used in the process the method being carried out in the presence of 0.2 to 9.0 wt.% hydrogen relative to the total amount of DEOA and ammonia used in the process.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRICAL CONNECTOR HAVING AN ELECTRICALLY PARALLEL COMPENSATION REGION

(51) International classification	:H01R 24/04
(31) Priority Document No	:12/547,245
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002285
Filing Date	:19/08/2010
(87) International Publication No	:WO 2011/025527
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :1050 WESTLAKES DRIVE,
BERWYN, PENNSYLVANIA 19312, UNITED STATES OF
AMERICA

(72)**Name of Inventor :**
1)BOPP, STEVEN RICHARD
2)PEPE, PAUL JOHN

(57) Abstract :

An electrical connector (100) including a connector body (101) that has mating and loading ends (104, 106) and is configured to receive a modular plug (145) at the mating end (104). The electrical connector also includes a contact subassembly (110) that is held by the connector body. The contact sub-assembly (110) includes an array of mating conductors (118) that are configured to engage plug contacts (146) of the modular plug (145) at mating interfaces (120) proximate to the mating end (104). The mating conductors (118) transmit a signal current along an interconnection path between the mating and loading ends (104, 106). The contact sub-assembly (110) also includes a plurality of open-ended conductors electrically connected to corresponding mating conductors (118). The open-ended conductors are electrically parallel to the interconnection path of the array of mating conductors (118) and generate crosstalk compensation as the signal current is transmitted through the mating conductors (118).

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2014

(21) Application No.9273/DELNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROTOCOL FOR BILLING TELECOMMUNICATION SERVICES BETWEEN NETWORK OPERATORS

(51) International classification :H04L12/14,H04M15/00,H04W4/24
(31) Priority Document No :10 2012 008 517.6
(32) Priority Date :02/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/001097
Filing Date :15/04/2013
(87) International Publication No :WO 2013/164065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DEUTSCHE TELEKOM AG
Address of Applicant :Friedrich Ebert Allee 140 53113 Bonn
Germany
(72)Name of Inventor :
1)CHEN Yuemei

(57) Abstract :

The invention relates to the billing of telecommunication services between operators of different telecommunication networks particularly when a mobile telecommunication transmission device requests a telecommunication service from a mobile communication network that is not its home telecommunication network for example when there is a lack of availability or network coverage from the home telecommunication network or if the telecommunication transmission device is abroad (in relation to its home telecommunication network). In this case service usage information (100) is produced by the telecommunication network (19) and provided to be forwarded on to the home telecommunication network (30) of the telecommunication transmission device particularly for the purpose of billing. So called TAP (Transferred Account Procedure) data are used here which alongside a portion relating to service usage information also comprise charging information. In particular this charging information comprises information relating to the type of requested telecommunication service (for example whether it concerns an international or a national call) and also information as to how high the costs are for the telecommunication service or with which discounts or volume agreements calculations are to be made. The problem addressed by the invention is that of suggesting a method for generating service usage data which allows said service usage data to be produced more simply straightforwardly and quickly and the processing thereof to take place more effectively. This problem is solved in that said service usage data are generated in such a manner that an entry is generated for each so called request event and the type of telecommunication service so for example whether it concerns an international or a national call is associated with each entry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9274/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PER FLOW AND PER SESSION METERING LIMIT APPLICATION

(51) International classification :H04W4/26,H04W12/08	(71)Name of Applicant :
(31) Priority Document No :13/482109	1)ALCATEL LUCENT
(32) Priority Date :29/05/2012	Address of Applicant :3 avenue Octave Greard 75007 Paris
(33) Name of priority country :U.S.A.	France
(86) International Application No :PCT/CA2013/050373	(72)Name of Inventor :
Filing Date :15/05/2013	1)BRUNET Richard A.
(87) International Publication No :WO 2013/177694	2)MO Fan
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Various exemplary embodiments relate to a method performed by a policy and charging rules node (PCRN) the method including: receiving a metering limit associated with a user; defining a session key associated with the metering limit; defining a flow key associated with the metering limit; dynamically selecting the session key; commanding a policy and charging enforcement node to apply the dynamically selected session key to a session of the user; dynamically selecting the flow key; and commanding a policy and charging enforcement node to uninstall the session key and to apply the dynamically selected flow key to a flow of the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ALTERNATE CURRENT MASTER BOX FOR ADVANCED LIGHT HELICOPTER FOR MILITARY AND CIVIL AVIATION.

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DY. GENERAL MANAGER
(33) Name of priority country	:NA	(EQUIPMENTS) ASERDC HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED, ACCESSORIES DIVISION, FAIZABAD ROAD,
Filing Date	:NA	LUCKNOW-226016 Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)H.P. MITTAL
Filing Date	:NA	2)PAWAN KUMAR
(62) Divisional to Application Number	:NA	3)C.B. SHUKLA
Filing Date	:NA	

(57) Abstract :

The developed unit shown in Figure-1 has been rigorously tested for applicable military standards and has type approval for Military applications from Centre of Military Airworthiness (CEMILAC, Bangalore). AC Master Boxes for Advanced Light Helicopter (ALH) has been invented to- 1. Centralize the control of various contactors and circuit breakers distributed over the aircraft. 2. To provide logical centralized switching of these contactors according to various modes of operation during flight. The concept has been introduced for the first time Advanced Light Helicopter application and successfully flight tested. AC Master Boxes is developed as a part of AC Power Generation and Distribution System for Advanced Light Helicopter. It has been designed for use with an independent Alternator and will be interfaced with ACPU, Static inverter, External Power Source & control panel of AC power generation and distribution system. The attached Figure-1 and Figure-2 are give details of internal architecture of the product developed with major part details. The internal architecture given in Figure-1 and Figure-2 shows the placement of various Contactors and Circuit Breaker inside the AC Master Box and is self explanatory. These are connected with incoming power from Generating, sources of Helicopter, their controllers and protection circuits. The AC Loads are connected through this AC Master Box through suitable terminal blocks developed and are part of the unit. Certain Pin and connectors are provided on other side of unit for control and monitoring. AC External Power Receptacle (EPR) is provided at the port side of the Helicopter for the accessibility of ground DC Power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENCAPSULATED WATER TREATMENT SYSTEM

(51) International classification	:B66D	(71)Name of Applicant :
(31) Priority Document No	:60/647,680	1)EcoWater Systems LLC
(32) Priority Date	:27/01/2005	Address of Applicant :1890 Woodlane Drive Woodbury MN
(33) Name of priority country	:U.S.A.	55125 USA.
(86) International Application No	:PCT/US2006/003172	(72)Name of Inventor :
Filing Date	:27/01/2006	1)KENNEDY Gregory
(87) International Publication No	: NA	2)SINKULA David
(61) Patent of Addition to Application	:NA	3)ZIMMERMAN Jeffrey
Number	:NA	4)KHAMIS Chaouki
Filing Date	:NA	5)STOICK Michael
(62) Divisional to Application Number	:5633/DELNP/2007	
Filed on	:20/07/2007	

(57) Abstract :

A water treatment system is provided having an encapsulate manifold with a reverse osmosis cartridge and one or more filter cartridges. The filter cartridge includes a detent for being received within a slot in the manifold head for secure locking engagement. The water treatment system further includes a single probe conductivity monitoring system for monitoring the performance of a reverse osmosis membrane. The water treatment system is also provided in a modular arrangement wherein manifold heads are physically and fluidly coupled together via a clip which interfaces with the modular manifold heads. The water treatment system also allows for a retrofit application to include a permeate pump. The cartridges are also designed to provide a minimum annular inlet gap to minimize spillage during changing of the cartridges. 15

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9280/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification :A61F13/15,A61F13/494
(31) Priority Document No :2012104156
(32) Priority Date :27/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062240
Filing Date :25/04/2013
(87) International Publication No :WO 2013/161952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNICHARM CORPORATION
Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
shi Ehime 7990111 Japan
(72)Name of Inventor :
1)SAKAGUCHI Satoru

(57) Abstract :

In this disposable diaper (10) the length (W1) between the ends of a first leg encircling opening region (R1) in the product widthwise direction (W) at an intersection point (G) is configured in a manner so as to be shorter than the length between the ends of the first leg encircling opening region (R1) in the product widthwise direction (W) at a region at the rear torso encircling region (30) side of the intersection point (G) the length (W2) between the ends of a second leg encircling opening region (R2) in the product widthwise direction (W) is configured in a manner so as to be the shortest in a predetermined region (R) and the length (W1) of the first region (R1) in the product widthwise direction (W) at the intersection point (G) is configured in a manner so as to be longer than the length (W2) of the second region (R2) in the product widthwise direction (W) in the predetermined region (R).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9269/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COOLING WATER CONTROL VALVE DEVICE

(51) International classification :F01P7/16,F16K5/04
(31) Priority Document No :2012111242
(32) Priority Date :15/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/063357
Filing Date :14/05/2013
(87) International Publication No :WO 2013/172321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MIKUNI CORPORATION
Address of Applicant :13 11 Sotokanda 6 chome Chiyoda ku
Tokyo 1010021 Japan
(72)Name of Inventor :
1)TSUCHIYA Toru
2)SATO Kazuki
3)DAIKUHARA Masayuki

(57) Abstract :

Provided is a cooling water control valve device using a rotary valve which is able to reduce jamming by foreign matter and which enables the rotor to rotate even if foreign matter becomes jammed. In an engine cooling system including a main flow path (4) connecting an engine (1) and a radiator (3) a cooling water control valve device (10) controlling the flow rate of cooling water in the main flow path (4) includes a rotary main valve (11). The main valve (11) includes a rotor (12) and a casing (20) having an inner circumferential surface opposing the outer circumferential surface of the rotor (12). Space is formed between the outer circumferential surface of the rotor (12) and the inner circumferential surface of the casing (20). A main opening (30) leading to the main flow path (4) is provided in the inner circumferential surface of the casing (20) and a sealing member is provided in the main opening (30) which protrudes towards and comes into contact with the outer circumferential surface of the rotor (12). The sealing member constitutes a flow path connecting the opening in the rotor (12) to the opening in the casing (20).

No. of Pages : 43 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9270/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE FRONT DOOR HAVING AN IMPROVED TRIM ATTACHMENT IN THE REAR VIEW MIRROR AREA

(51) International classification	:B60R13/02,B60J5/04	(71)Name of Applicant :
(31) Priority Document No	:1253854	1)RENAULT S.A.S.
(32) Priority Date	:26/04/2012	Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne
(33) Name of priority country	:France	Billancourt France
(86) International Application No	:PCT/EP2013/051773	(72)Name of Inventor :
Filing Date	:30/01/2013	1)BOUILLON Jean Charles
(87) International Publication No	:WO 2013/159944	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this front door (3) consisting of a door frame structure (13,14) surrounding an opening that can be closed by a sliding window (10) the lower portion of the door is lined by a panel a rear view mirror cover (6) is provided on the inner side of the door in the front extension of the bottom of the glazed opening (4) and is mounted on a moulding interface moulded to the upper front portion of the trim panel and forming a finger (26) comprising a moulded clamping wall (27) parallel to an edge of sheet metal (28) belonging to the door structure (13,14); a staple (30) is passed over the clamping wall (27) and the edge of adjacent sheet metal (28) to hold them together. This makes it possible to hold the trim panel perfectly in place relative to the door and to the flange of the vehicle dashboard.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9271/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELECTROPHORESIS SYSTEM AND A SEPARATION AND IDENTIFICATION METHOD

(51) International classification :G01N27/447

(31) Priority Document No :12505624

(32) Priority Date :31/05/2012

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2013/050636

Filing Date :31/05/2013

(87) International Publication No :WO 2013/180642

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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4)BJERNELD Erik

5)EDLUND Sofia

6)-STLIN Henrik

7)R-NN Ola

8)OLIVIUSSON Peter

9)BJORKMAN Henrik

(57) Abstract :

Electrophoresis system comprising at least one type of electrophoresis gel card at least one type of blot membrane card an electrophoresis apparatus for running electrophoresis experiments using the electrophoretic gel card a blot transfer unit for transfer of separated sample from the electrophoresis gel card to the blot membrane card an imaging apparatus for recording images of separated sample in the electrophoresis gel card and the blot membrane card wherein; the electrophoresis gel card and the blot membrane card each comprises a rigid support provided with an alignment structure defining a positional reference for mutual alignment during transfer and for alignment with respect to a complementary alignment structure in the imaging apparatus to provide mechanically aligned images of separated sample in the electrophoresis gel card and the blot membrane card.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9272/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VAVLE FOR A FUEL SYSTEM FOR A COMBUSTION ENGINE AND METHOD FOR CONTROLLING A FUEL SYSTEM FOR A COMBUSTION ENGINE

(51) International classification :F02M61/04,F02M59/46,F02M61/20
(31) Priority Document No :12505004
(32) Priority Date :16/05/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050384
Filing Date :10/04/2013
(87) International Publication No :WO 2013/172764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)Name of Inventor :
1)Kylstrm Kim

(57) Abstract :

The invention relates to a valve (4,4) for a fuel system for a combustion engine comprising a ball retainer (26) provided with a cavity (28) to accommodate a ball (22) which ball (22) has a first seal surface (30) intended to cooperate with and abut sealingly against a seat (32). The ball retainer (26) has a secondary seal surface (34) intended to cooperate with and abut sealingly against the seat (32) when the ball (22) is not in the ball retainer (26). The invention relates also to a method for controlling a fuel system for a combustion engine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9264/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVEMENTS TO SELECTIVE TEA PLUCKING

(51) International classification	:A01D46/00,A01D46/04	(71)Name of Applicant :
(31) Priority Document No	:2012901790	1)WILLIAMES TEA PTY LTD
(32) Priority Date	:02/05/2012	Address of Applicant :3 Napier Street Warragul Victoria 3820
(33) Name of priority country	:Australia	Australia
(86) International Application No	:PCT/AU2013/000456	(72)Name of Inventor :
Filing Date	:02/05/2013	1)WILLIAMES Geoffrey Alan
(87) International Publication No	:WO 2013/163693	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for selectively harvesting plant material particularly the leaves and bud of a plant having a stem such as a tea plant is provided. The apparatus includes a conveyor belt (5) plant engaging members (20) movable relative to the conveyor belt (5) to trap the plant matter between the conveyor belt (5) and the plant engaging members (20) at a first level and a stem engaging member (11) arranged to contact a stem of the plant at a predetermined second level lower than the first wherein when the stem of trapped plant material extending above the predetermined second level is broken by the stem engaging member (11) to harvest the trapped plant material. In one embodiment the stem engaging member is a breaker bar (11). In an alternative embodiment the stem engaging member is a cable wire or cord maintained in tension at the predetermined second level.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9265/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE ASSEMBLY

(51) International classification	:B60R21/34
(31) Priority Document No	:1206260.0
(32) Priority Date	:05/04/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2013/050888
Filing Date	:05/04/2013
(87) International Publication No	:WO 2013/150311
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Banbury Road Gaydon Warwick
Warwickshire CV35 0DB U.K.

(72)**Name of Inventor :**
1)PUGH JONES Yan
2)SYVRET Andrew
3)PARKES Matthew

(57) Abstract :

A vehicle assembly comprising a vehicle grille (1) and one or more body structure components such as fenders (25). The vehicle grille (1) is displaceable relative to the body structure components wherein in a first position of the grille (1) the grille provides support to at least a part of the one or more body structure components and wherein in a second position said support is reduced. A vehicle grille (1) and a vehicle bonnet (2) are also disclosed.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9267/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : WET GLUE

(51) International classification :C09J133/08,C09J133/10,C09J133/02
(31) Priority Document No :12290213.3
(32) Priority Date :28/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/046510
Filing Date :19/06/2013
(87) International Publication No :WO 2014/004196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROHM AND HAAS COMPANY
Address of Applicant :100 Independence Mall West
Philadelphia Pennsylvania 19106 U.S.A.
(72)Name of Inventor :
1)CISOWSKI Natacha
2)UHL Isabelle

(57) Abstract :

An aqueous adhesive composition including a certain emulsion polymer and an epoxysilane wherein the adhesive composition is substantially free from crosslinking agent is provided. A method for providing a substrate bearing a paper label the adhered label having ice water resistance and a method for removing the paper label from the substrate are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9268/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ADJUSTABLE VEHICLE SEAT

(51) International classification :B60N2/20,B60N2/22,B60N2/30
(31) Priority Document No :10 2012 015 294.9
(32) Priority Date :31/07/2012
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2013/065724
Filing Date :25/07/2013
(87) International Publication No :WO 2014/019933
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JOHNSON CONTROLS GMBH
Address of Applicant :Industriestrasse 20 30 51399 Burscheid
Germany
(72)Name of Inventor :
1)ROTHSTEIN Gerhard
2)FAHL Michael

(57) Abstract :

The invention relates to an adjustable vehicle seat (1) comprising a seat part (2) and a backrest part (3) which is pivotable relative to the seat part (2) about a backrest pivot axis (6) and is lockable in a design position in which the backrest (3) is approximately upright and in a table position in which the backrest (3) rests on the seat part (2) wherein in the design position the backrest (3) is pivoted relative to the table position about a pivot angle (A) and two locking devices (90) which are kinematically assigned to the seat part (2) and by means of which the seat part (2) is lockable to a vehicle structure and an unlocking unit (10) which is kinematically assigned to the backrest (3) and is intended for unlocking the locking devices (90) which unlocking unit is connected to the locking devices (90) by means of two Bowden cables (83 84). A passage element (80) is provided here said passage element being kinematically assigned to the seat part (2) and having a first passage opening (81) for the passage of the first Bowden cable (83) and a second passage opening (82) for the passage of the second Bowden cable (84) wherein the first passage opening (81) and the second passage opening (82) are arranged at the same distance from the backrest pivot axis (6) and wherein the passage element (80) is of approximately cylindrical configuration and is fastened to the seat part (2) in such a manner that the cylinder axis thereof is aligned with the backrest pivot axis (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3208/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : EXHAUST GAS PURIFICATION CATALYST AND METHOD FOR PRODUCING THE SAME.

(51) International classification

:C01B

(31) Priority Document No

:2013-
233142

(32) Priority Date

:11/11/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

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Hamamatsu-shi, Shizuoka-ken, JAPAN

(72)Name of Inventor :

1)TSUDA, Toyofumi

2)KIMATA, Fumikazu

(57) Abstract :

Provided is an exhaust gas purification catalyst comprising: a support selected from an OSC material and a mixture powder of an OSC material and alumina powder; at least one noble metal supported on the support, the at least one noble metal being selected from the group consisting of platinum, palladium, and rhodium; and manganese oxide further supported on the support.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3417/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : HOUSING FOR A LATCH WITH A WATER DRAIN LABYRINTH

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEVA PRODUCTS LLC
(32) Priority Date	:NA	Address of Applicant :1401 CROOKS ROAD TROY, M1
(33) Name of priority country	:NA	48084 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GURBINDER KALSI
(87) International Publication No	: NA	2)SEAN WILLIAMS
(61) Patent of Addition to Application Number	:NA	3)VINAYA GOWDA
Filing Date	:NA	4)PRASHANT C NAYAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A housing for a vehicle latch is disclosed herein. The housing having a fluid pathway extending from an interior of the housing to an exterior of the housing through a perimeter wall, wherein the fluid pathway is formed as a labyrinth such that water flow from the interior of the housing to the exterior is allowed or unimpeded and water flow into the housing from the exterior of the housing is impeded or blocked by the labyrinth.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4055/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL 'MYCORRHIZAE-BASED BIOFERTILIZER CONSORTIUM AND ROC MEDIATED PRODUCTION OF SAME

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
(33) Name of priority country	:NA	COMPLEX, LODI ROAD, NEW DELHI 110003 India
(86) International Application No	:NA	2)UNION OF INDIAN THROUGH SECRETARY DBT
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. ALOK ADHOLEYA
(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 for a new and novel mycorrhizae based biofertilizer inoculum and entails a method of production for same and also focuses on developing the process protocols for the isolation and characterization of the various formulations and ensuing compositions of the mycorrhizal fungal inocula to generate the mycorrhizae based biofertilizer consortium. The biofertilizer consortium is capable of serving as effective soil fertilization agent, growth promoter as well as a growth enhancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.854/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : CUSTOM CONTACT LENSES WITH FIDUCIAL MARKINGS

(51) International classification :G02C 7/02
(31) Priority Document No :12/533,797
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043396
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JOHNSON & JOHNSON VISION CARE, INC.
Address of Applicant :7500 CENTURION PARKWAY,
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STATES OF AMERICA
(72)Name of Inventor :
1)KHALED A. CHEHAB
2)MICHAEL J. COLLINS
3)JEFFREY H. ROFFMAN
4)ROSS FRANKLIN
5)BRETT A. DAVIS
6)D. ROBERT ISKANDER

(57) Abstract :

A contact lens having one or more fiducial marks that allow the measurement of lens rotation and centration. The lens may be a trial lens. The lenses can be used to apply correction factors for sphero-cylindrical refractive error, higher order aberrations, and corneal topography.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9301/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM USING A CYBER ID TO PROVIDE SECURE TRANSACTIONS

(51) International classification :H04L9/32
(31) Priority Document No :13/442019
(32) Priority Date :09/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000634
Filing Date :08/04/2013
(87) International Publication No :WO 2013/153431
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MEDIUM ACCESS SYSTEMS PRIVATE LTD.
Address of Applicant :16 Kallang PI #03 08 Singapore 339156
(72)Name of Inventor :
1)YANG LIT FANG Benjamin
2)TRINIDAD Ryan Nacion

(57) Abstract :

A method and system for securing a transaction by a user involving a subscriber unit (SU) (having a processor a memory and a display and configured to accept user input) a credential information manager (CIM) (having a processor and a memory) and a transaction service provider (TSP) (having a processor and a memory). A cyber identifier (CyberID) a subscriber identifier (SubscriberID) and subscriber information each associated with the user is stored in the CIM memory. A request for a transaction is sent from the SU to the TSP which creates a transaction identifier (TID) stores the TID in the TSP memory and transmits the TID to the SU. The SU transmits an authentication request along with the TID and a SubscriberID to the CIM. The CIM authenticates the received SubscriberID with the SubscriberID in its memory and transmits verification request along with the TID received from the SU to the TSP. The TSP verifies the received TID with the TID in its memory and reports the result of the verification to the CIM. The CIM transmits the CyberID and the subscriber information to the TSP and transmits a transaction authorization to the SU.

No. of Pages : 42 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR MAKING N-HYDROXY-3-[4-[[[2-(2-METHYL-1H-INDOL-3-YL)ETHYL]AMINO] METHYL]PHENYL]-2E-2-PROPENAMIDE AND STARTING MATERIALS THEREFOR

(51) International classification	:C07D209/14
(31) Priority Document No	:60/804,527
(32) Priority Date	:12/06/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/070564
Filing Date	:07/06/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9513/DELNP/2008
Filed on	:07/06/2007

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35, CH-4056 Basel, Switzerland
(72)**Name of Inventor :**
1)ACEMOGLU Murat
2)BAJWA Joginder S.
3)PARKER David John
4)SLADE Joel

(57) Abstract :

N-hydroxy-3-[4-[[[2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]phenyl]-2E-2-propenamide and starting materials therefor (E)-3-[4-[2-(2-methyl-1H-indol-3-yl)ethyl]aminomethyl]-phenyl]-acrylic acid methyl ester hydrochloride salt and 2-methyltryptamine are prepared by new synthetic methods.

No. of Pages : 27 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9293/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CARBINOL TERMINATED POLYMERS CONTAINING ALLYLAMINE

(51) International classification :C08F36/04,C08C19/44,C08L15/00
(31) Priority Document No :12167357.8
(32) Priority Date :09/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058870
Filing Date :29/04/2013
(87) International Publication No :WO 2013/167410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LANXESS DEUTSCHLAND GMBH
Address of Applicant :Kennedyplatz 1 50569 Kln Germany
(72)Name of Inventor :
1)STEINHAUSER Norbert
2)ALBINO Fernanda
3)GROSS Thomas

(57) Abstract :

The present invention relates to diene polymers or diene copolymers, wherein the diene polymers or diene copolymers have, at the start of the polymer chains, tertiary amino groups of the formula (Ia), (Ib), (Ha) or (Iib) where R¹, R² are the same or different and are each alkyl, cycloalkyl, aryl, aikaryl and aralkyl radicals which may contain heteroatoms such as O, N, S and/or Si, Z is a divalent organic radical which, as well as C and H, may contain heteroatoms such as O, N, S and/or Si, and, at the end of the polymer chains, silane-containing carbinol groups of the formula (III) or metal salts thereof or semimetal salts thereof, where R³, R⁴, R⁵, R⁶ are the same or different and are each an H or alkyl, cycloalkyl, aryl, aikaryl and aralkyl radicals which may contain heteroatoms such as O, N, S and/or Si, A is a divalent organic radical which, as well as C and H, may contain heteroatoms such as O, N, S and/or Si.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9294/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTROPHORESIS GEL CASSETTE WITH AT LEAST ONE REMOVABLE SECTION

(51) International classification :G01N27/447
(31) Priority Document No :12505574
(32) Priority Date :31/05/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050631
Filing Date :31/05/2013
(87) International Publication No :WO 2013/180637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)BJORKESTEN Lennart

2)SALVEN Owe

3)LARSSON Camilla

4)BJERNELD Erik J

5)EDLUND Sofia

6)OSTLIN Henrik

7)SJOLANDER Stefan

8)STRIDSBERG FRIDEN Kajsa

9)RONN Ola

10)OLIVIUSSON Peter

11)BJORKMAN Henrik

(57) Abstract :

Electrophoresis gel cassette comprising a first and a second face wall member and one or more side wall members defining a gel compartment for a gel member with a first and second face wherein the first face wall member has high gel adhesion compared to the second face wall member whereby a gel member molded in the cassette will stay attached to the high gel adhesion face wall member when the cassette is opened and wherein the first face wall member is provided with at least one removable section to expose a section of the first face of the gel member the removable section of the first face wall member having lower gel adhesion compared to the non removable part of the first face wall member.

No. of Pages : 63 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9295/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOSITIONS USEFUL IN ADSORPTION AND REACTIVE PROCESSES

(51) International classification :B01J20/18,B01D53/02,B01J20/28

(31) Priority Document No :13/530209

(32) Priority Date :22/06/2012

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

(86) International Application No :PCT/US2013/046833

Filing Date :20/06/2013

(87) International Publication No :WO 2013/192426

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PRAXAIR TECHNOLOGY INC.

Address of Applicant :39 Old Ridgebury Road Danbury CT 06810 U.S.A.

(72)Name of Inventor :

1)ACKLEY Mark William

2)BARRETT Philip Alexander

3)STEPHENSON Neil Andrew

4)KIKKINIDES Eustathios S.

(57) Abstract :

The present invention relates generally to compositions useful in adsorption and reactive processes comprising an adsorbent powder such as a zeolite and a binder mixed to form an agglomerate having a porosity of $0.30 \leq e \leq 0.42$ and a N pore diffusivity $D = 3.5 \times 10^{-10}$ m/s and wherein the mean particle diameter of the crystalline zeolite powder is $10 \mu\text{m}$ or less; the mean particle diameter of the binder is $0.10d$ or less and the binder concentration is 10% or less expressed on a dry weight basis. The present invention further relates to processes for adsorbing or separating components from a fluid mixture with the above mentioned compositions.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9296/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CARBINOL TERMINATED POLYMERS CONTAINING AMINE

(51) International classification :C08L15/00,C08C19/44,C08F36/04
(31) Priority Document No :12167353.7
(32) Priority Date :09/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058882
Filing Date :29/04/2013
(87) International Publication No :WO 2013/167411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LANXESS DEUTSCHLAND GMBH
Address of Applicant :Kennedyplatz 1 50569 Kln Germany
(72)Name of Inventor :
1)STEINHAUSER Norbert
2)GROSS Thomas
3)ALBINO Fernanda

(57) Abstract :

The invention relates to diene polymers having, at the Start of the polymer chain, tertiary amino groups of formula (I) or (P), wherein R1, R2 are identical or different and represent alkyl-, cycloalkyl-, aryl-, alkaryl- and aralkyl groups which can contain heteroatoms such as O, N, S and/or Si, Z represents a divalent organic group, which can also contain, in addition to C and H, heteroatoms such as O, N, S and/or Si, and, on the polymer chain ends, silanecontaining carbinol groups of formula (III) or the metal salts thereof or the semi-metal salts thereof, wherein R3, R4, R5, R6 are identical or different and represent H, alkyl-, cycloalkyl-, aryl-, alkaryl- and aralkyl groups which can contain heteroatoms such as O, N, S and or Si, A represents a () divalent organic group which can also contain, in addition to C and H, heteroatoms such as O, N, S and/or Si.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4060/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014

(43) Publication Date : 10/07/2015

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

(51) International classification :C07C43/13
(31) Priority Document No :60/628, 707
(32) Priority Date :17/11/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/041752
Filing Date :17/11/2005
(87) International Publication No :WO2006/055748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3657/DELNP/2007
Filed on :17/11/2005

(71)Name of Applicant :
1)Piramal Critical Care, Inc.
Address of Applicant :50 Cobham Drive, Orchard Park, New York 14127, USA
(72)Name of Inventor :
1)TERRELL Ross C.
2)LEVINSON Joshua A.
3)YOUNG Charles W.

(57) Abstract :

The present invention relates to a process for the preparation of (CF₃)₂CHOCH₂F, said process comprising forming a reaction mixture of (CF₃)₂CHOCH₂Cl, potassium fluoride, water and a phase transfer catalyst selected from the group consisting of quaternary ammonium salts, quaternary phosphonium salts, crown ethers, ionic liquids, chiral compounds and high temperature agents such that sevoflurane is formed.

No. of Pages : 26 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7813/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PREDICTION OF OUTCOME IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

(51) International classification :G01N33/68,G01N33/74
(31) Priority Document No :12001590.4
(32) Priority Date :08/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/000558
Filing Date :26/02/2013
(87) International Publication No :WO 2013/131621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)B.R.A.H.M.S. GMBH
Address of Applicant :Neuendorfstrasse 25 16761 Hennigsdorf
Germany
(72)**Name of Inventor :**
1)GIERSDORF Sven
2)TAMM Michael
3)STOLZ Daiana

(57) Abstract :

The present invention relates to a method for the prognosis and/or risk assessment and/or monitoring of therapy and/or management of patients with COPD the method comprising the steps of: i) providing a sample of a bodily fluid from said patient, ii) determining in said sample the level of at least one biomarker, selected from the group consisting of pro-adrenomedullin (proADM), pronatriuretic peptide, pro-Vasopressin (proAVP) and Procalcitonin (PCT) or fragments thereof of at least 12 amino acids in length, iii) determining one, two or three of the BODE-index parameters body-mass index (BMI, parameter B), degree of airflow obstruction (FEV_i, parameter O), dyspnea (parameter D) and exercise capacity (parameter E), iv) correlating said level of said at least one biomarker determined in step ii), in combination with said one, two or three BODE-index parameters determined in step iii) to the prognosis and/or risk assessment and/or monitoring of therapy and/or management of patients with COPD.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.871/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : CYCLIC TRIAZO SODIUM CHANNEL BLOCKERS

(51) International classification	:C07D 409/06
(31) Priority Document No	:GB0911993.4
(32) Priority Date	:08/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051127
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/004196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)UNIVERSITY OF GREENWICH
Address of Applicant :OLD ROYAL NAVAL COLLEGE,
PARK ROW, GREENWICH, LONDON, SE 10 9LS U.K.

(72) **Name of Inventor :**
1)LEACH, MICHAEL
2)FRANZMANN, KARI
3)RIDDALL, DIETER
4)HARBIGE, LAURENCE

(57) Abstract :

The present invention relates to triazine compounds having sodium channel blocking properties, and to use of the compounds for preparation of medicaments for treatment of associated disorders. The triazine compounds are of formula (I) wherein: R1 is hydrogen or a substituent group; R2 is amino or a substituent group; N is amino when R1 is hydrogen or =NH when R1 is a substituent group; R3 and R4 are both carbocyclic, heterocyclic or alkyl groups and may be same or different; and R5 is hydrogen, alkyl or a cyclic aryl group, with the proviso that: when R3 and R4 are both alkyl they are linked to form a cycloalkyl group, and R5 is a cyclic aromatic group; and when R3 and R4 are both carbocyclic or heterocyclic groups, R5 is hydrogen or an alkyl group; or a salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTENNA ASSEMBLY

(51) International classification	:G01V
(31) Priority Document No	:12/533,186
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038489
Filing Date	:14/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)General Electric Company
Address of Applicant :1 River Road Schenectady New York
12345 U.S.A
(72)**Name of Inventor :**
1)GEER David John
2)KRELLNER Theodore Joseph

(57) Abstract :

An antenna configured so as to use a transmitting or receiving element as the center conductor of a connector interface which can connect to other connectors such as coaxial cable connectors. In one embodiment the antenna comprises an antenna body that has an antenna connector configured as a reverse polarity connector. The reverse polarity connector comprises features which can position the transmitting or receiving element in direct contact with the center conductor of a mating cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9308/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ON VEHICLE DEVICE AND TOLL COLLECTING SYSTEM

(51) International classification	:G07B15/00,G06Q30/04	(71)Name of Applicant :
(31) Priority Document No	:2012111635	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:15/05/2012	Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058001 Japan
(86) International Application No	:PCT/JP2013/062823	(72)Name of Inventor :
Filing Date	:07/05/2013	1)KAWAMI Atsushi
(87) International Publication No	:WO 2013/172217	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an embodiment an on vehicle device includes a first communication means a second communication means a first processing means and a second processing means. The first communication means performs small area radio communication with a road side device that includes a communication unit provided in the vicinity of a charging point. The second communication means performs large area radio communication via a base station for large area radio communication. The first processing means performs a charging process for charging for the toll the user of a vehicle that passes through the charging point by using communication performed by the first communication means. The second processing means performs a returning process for returning when the vehicle satisfies a condition for a profit returning service a profit corresponding to the returning service by using communication performed by the second communication means to the user of the vehicle.

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1040/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PRODUCING RIBOFLAVIN BY MUTANT BACILLUS ATROPHAEUS FROM LIGNOCELLULOSE-CONTAINING MATERIAL

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CONDON BIOTECH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :C-23, SECTOR-63, NOIDA UTTAR
(33) Name of priority country	:NA	PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHATNAGAR, TRIPTI
(87) 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 for the enhanced production of Riboflavin by mutant Bacillus species, i.e Bacillus atrophaeus in fermentation media supplemented with different lignocellulosic waste materials. More particularly, the present invention provides a cost effective approach for riboflavin production by using Lignocellulosic waste material instead of carbon source in the fermentation media.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : N (TETRAZOL 5 YL) AND N (TRIAZOL 5 YL)ARYLCARBOXAMIDES AND USE THEREOF AS HERBICIDES

(51) International classification :C07D249/14,C07D257/06,C07D401/12
(31) Priority Document No :11176378.5
(32) Priority Date :03/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064863
Filing Date :30/07/2012
(87) International Publication No :WO 2013/017559
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)K-HN Arnim
4)AHRENS Hartmut
5)LEHR Stefan
6)VAN ALMSICK Andreas
7)H.,USER HAHN Isolde
8)DIETRICH Hansjrg
9)GATZWEILER Elmar
10)HEINEMANN Ines
11)ROSINGER Christopher Hugh

(57) Abstract :

N-(tetrazol-5-yl) and N-(triazol-5-yl)arylcarboxamides of the general formula (I) are described as herbicides. In this formula (I), X, Y, Z and R represent radicals such as hydrogen organic radicals such as alkyl and other radicals such as halogen. A and B represent N and CY.

No. of Pages : 70 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.746/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : FUEL CELL ELECTRODE AS WELL AS METHOD FOR MANUFACTURING FUEL CELL ELECTRODE MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL

(51) International classification :H01M4/96,H01M4/86,H01M4/88
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/004911
Filing Date :02/08/2012
(87) International Publication No :WO 2014/020650
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)HASEGAWA Shigeki
2)MURATA Shigeaki
3)IMANISHI Masahiro
4)NAMBA Ryoichi

(57) Abstract :

An electrode for a fuel cell is provided with carbon nanotubes a fuel cell catalyst carried on the carbon nanotubes and an ionomer for coating the carbon nanotubes and the fuel cell catalyst. The length (La) and center to center pitch (Pa) satisfy the following two formulas: $30 \leq La \leq 240$ and $0.351 \cdot La + 75 \leq Pa \leq 250$ where La [μm] is the length of the carbon nanotubes and Pa [nm] is the center to center pitch of the carbon nanotubes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.873/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONNECTION SET-UP BETWEEN TWO TERMINALS

(51) International classification	:H04W 76/02
(31) Priority Document No	:61/234,068
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061859
Filing Date	:13/08/2010
(87) International Publication No	:WO 2011/018524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Sweden
(72)**Name of Inventor :**
1)HELLWIG, KARL
2)KAMPMANN, DIRK
3)HODGES, PHILIP

(57) Abstract :

The invention relates to the setting up of a connection between an originating terminal and a terminating terminal. Both terminals may connect via the same access network. The access network accesses a core network through an access gateway. The access gateway transmits and/or receives connection set-up signalling transmitted along a signalling path through at least the core network. Using an information element in the connection set-up signalling, information on media plane access needs of nodes in the signalling path is collected and provided for determining whether a local shortcut of a media path can be established in the access network.

No. of Pages : 82 No. of Claims : 32

(54) Title of the invention : METHOD FOR PRODUCING STARCH GRANULES AND ORALLY DISINTEGRATING TABLET

(51) International classification :C08J3/12,A61K47/36,C08B30/06
 (31) Priority Document No :2012103267
 (32) Priority Date :27/04/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/061900
 Filing Date :23/04/2013
 (87) International Publication No :WO 2013/161805
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)UMEZAKI Masao
2)MURASE Hiroshige
3)UNO Toshio
4)NIWA Toshiyuki

(57) Abstract :

A method for producing starch granules suitable as an excipient for an orally disintegrating tablet. A paste is sprayed in small amounts while starch is being fluidized using an air fluidized bed to carry out fluidized bed granulation. Thereafter fluidized bed drying is carried out at the gelatinization temperature of the starch or higher. This results in starch granules having a high degree of gelatinization in comparison with the amount of gelatinized starch adhered to the starch by the spraying of the paste. These starch granules alone impart an adequate oral disintegration performance and breaking strength to the tablet. Consequently in instances of use as an excipient for tableting of orally disintegrating tablets another auxiliary excipient such as crystalline cellulose or a sugar or the like need not be added.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9314/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTI MALARIAL AGENTS

(51) International classification :C07D215/52,A61K31/4725,A61P33/06
(31) Priority Document No :1206280.8
(32) Priority Date :10/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050633
Filing Date :14/03/2013
(87) International Publication No :WO 2013/153357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)GILBERT Ian Hugh
2)NORCROSS Neil
3)BARAGANA RUIBAL Beatriz
4)PORZELLE Achim

(57) Abstract :

The present invention relates to a novel class of quinolone-4-carboxamide PfiOl inhibitors of general formula (I)(Formula (I)) wherein R1, R2, R3, R4, R5, R6, R7, R8 and X are as defined herein, to their use in medicine, and in the treatment of mal - aria in particular, to compositions containing them, to processes for their preparation and to intermediates used in such processes.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D 403/04
(31) Priority Document No :61/238,083
(32) Priority Date :28/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/062495
Filing Date :26/08/2010
(87) International Publication No :WO 2011/023773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)POON DANIEL

7)TELLEW JOHN

8)ZHANG QIONG

(57) Abstract :

The present invention provides compounds of Formula (I) or (II) wherein R1, R1b, R2, R3, R4, R5, R6 and R7 are defined herein. The compounds of Formula (I) or (II) and pharmaceutical compositions thereof are useful for the treatment of B-Raf-associated diseases.

No. of Pages : 153 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9288/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPRESSIBLE PACKING

(51) International classification	:F16J15/12
(31) Priority Document No	:61/647385
(32) Priority Date	:15/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/041213
Filing Date	:15/05/2013
(87) International Publication No	:WO 2013/173498
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)VEIGA Jose Carlos

2)GIRAO BARROSO Carlos Daniel Braga

(57) Abstract :

A compressible anti extrusion packing (10) for sealing valve stems shafts and rods having an interbraided round braided or square braided outer layer (14) disposed over a densified interbraided round braided or square braided core (12). In certain embodiments the compressible packing (10) includes a metal jacketed (22) flexible graphite yarn (20) interbraided as a core (12) and an interbraided outer layer (14) made of flexible graphite yarn (16) with a carbon carrier (24). In one embodiment the metal jacket (22) is a knitted metal jacket. The core (12) is densified by mechanical compression to control density and size.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9289/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELECTROPHORESIS GEL UNIT COMPRISING A FLAT GEL MEMBER ATTACHED TO A SUPPORT

(51) International classification :G01N27/26,G01N27/447		(71)Name of Applicant :
(31) Priority Document No :12505566		1)GE HEALTHCARE BIO SCIENCES AB
(32) Priority Date :31/05/2012		Address of Applicant :Patent Department Bjorkgatan 30 BL3 3
(33) Name of priority country :Sweden		S 751 84 Uppsala Sweden
(86) International Application No :PCT/SE2013/050630		(72)Name of Inventor :
Filing Date :31/05/2013		1)BJORKESTEN Lennart
(87) International Publication No :WO 2014/007720		2)SALVEN Owe
(61) Patent of Addition to Application Number :NA		3)LARSSON Camilla
Filing Date :NA		4)BJERNELD Erik J
(62) Divisional to Application Number :NA		5)EDLUND Sofia
Filing Date :NA		6)OSTLIN Henrik
		7)SJOLANDER Stefan
		8)STRIDSBERG FRIDEN Kajsa
		9)RONN Ola
		10)OLIVIUSSON Peter
		11)BJORKMAN Henrik

(57) Abstract :

Electrophoresis gel unit comprising a flat gel member with an upper and a lower face and a sample separation zone wherein the gel member is attached to a rigid support arranged to preserve the shape of and to facilitate handling of the gel member wherein the rigid support is formed to allow access to a section of both the upper and lower face of the gel member essentially corresponding to the separation zone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9290/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF POLYETHER POLYOLS

(51) International classification :C08G65/30
(31) Priority Document No :12169832.8
(32) Priority Date :29/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058599
Filing Date :25/04/2013
(87) International Publication No :WO 2013/178410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEN HEETEN Rene
2)TERMORSHUIZEN Paul Anton

(57) Abstract :

A method to provide polyether polyols comprises the steps of providing a crude polyether polyol mixture comprising polyether polyol and a base catalyst; neutralizing said base catalyst; removing in a first dehydration step at least part of the water from the neutralized polyether polyol; redissolving at least part of the salt crystals obtained by removal of at least part of the water; removing in a second dehydration step at least part of the water from the neutralized polyether polyol mixture thereby providing salt crystals; removing the salt crystals from the neutralized polyether polyol thereby providing the polyether polyol mixture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9291/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STYRENE REMOVAL IN PARAXYLENE RECOVERY PROCESS

(51) International classification :C07C7/13,C07C15/08,B01J20/18

(31) Priority Document No :61/653688

(32) Priority Date :31/05/2012

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

(86) International Application No :PCT/US2013/039184

Filing Date :02/05/2013

(87) International Publication No :WO 2013/180887

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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4)OSBY Terrance C.

5)ABICHANDANI Jeevan S.

6)TINGER Robert G.

7)EILANDS Indulis J.

8)LUO Shifang L.

(57) Abstract :

The invention relates to removal of styrene from hydrocarbon mixtures and more particularly removal of styrene from hydrocarbon mixtures containing higher than equilibrium paraxylene concentrations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9292/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROL OF GLASS STREAMS IN LAMINATE FUSION

(51) International classification :B32B37/00,B32B17/00
(31) Priority Document No :13/479701
(32) Priority Date :24/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041804
Filing Date :20/05/2013
(87) International Publication No :WO 2013/177032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)COPPOLA Frank Thomas
2)HARSHBERGER Michael Ryan
3)MASHEWSKE Monica Jo

(57) Abstract :

An apparatus for forming laminated sheet glass including: a lower pipe providing a first liquid stream that forms the core of the laminate; an first upper pipe having a pair of adjustable baffles situated between the bottom of the upper pipe and the top of the lower pipe the first upper pipe provides a second liquid glass stream onto the first liquid glass stream that forms the clad of the laminate on the core of the laminate the adjustable baffles being separated from the lower pipe by a gap and the adjustable baffles control the landing angle (F) and drop point of the second liquid glass stream onto the first liquid glass stream. Also disclosed is a method for forming laminated sheet glass or articles thereof using the aforementioned glass laminating apparatus as defined herein..

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9302/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : REFLEX TESTING OF SAMPLES USING RESIDUAL MATERIALS FROM A PRIOR TEST

(51) International classification :G01N35/00,G01N35/04
(31) Priority Document No :61/624198
(32) Priority Date :13/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031072
Filing Date :13/03/2013
(87) International Publication No :WO 2013/154734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KRAYER Joel Daniel
3)STEEL Adam Bruce
4)ROY Denis

(57) Abstract :

Embodiments disclosed herein relate to methods and systems for performing an automated assays and particularly to performing sequential assays on a sample on an automated instrument.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9303/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORAL CARE IMPLEMENT AND METHOD OF MANUFACTURING AN ORAL CARE IMPLEMENT

(51) International classification :A46B5/02,A46B9/04,A46D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/038235
Filing Date :17/05/2012
(87) International Publication No :WO 2013/172834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HOHLBEIN Douglas J.

(57) Abstract :

An oral care implement is provided. The implement comprises: a handle having a core (118) comprising recycled material and a cover (112) enveloping the core (118); and a head comprising at least one cleaning element the head (120) being connected to or connectable to the handle. Also provided is a method of manufacturing an oral care implement the method comprising: providing recycled material; and enveloping the recycled material with cover material to form a handle of the oral care implement the handle having a core comprising the recycled material and a cover comprising the cover material enveloping the core.

No. of Pages : 39 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9304/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DYE SENSITIZED SOLAR CELL AND METHOD FOR MANUFACTURING SAME

(51) International classification	:H01L31/04,H01L31/18	(71)Name of Applicant :
(31) Priority Document No	:61/644278	1)LG CHEM LTD.
(32) Priority Date	:08/05/2012	Address of Applicant :20 Yoido dong Youngdungpo gu seoul
(33) Name of priority country	:U.S.A.	150 721 Republic of Korea
(86) International Application No	:PCT/KR2013/004032	(72)Name of Inventor :
Filing Date	:08/05/2013	1)KANG Tae Sik
(87) International Publication No	:WO 2013/169004	
(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 dye sensitized solar cell and to a method for manufacturing same. The dye sensitized solar cell according to the present invention comprises: a transparent substrate; a porous semiconductor layer arranged on the transparent substrate and including a dye sensitizer; a current collecting electrode arranged on the porous semiconductor layer and deposited to form a structure having at least one through hole on the porous semiconductor layer; a catalyst electrode; and an electrolyte material interposed between the transparent substrate and the catalyst electrode.

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9305/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORGANIC ELECTROCHEMICAL DEVICE AND METHOD FOR MANUFACTURING SAME

(51) International classification	:H01L51/42,H01L51/48	(71)Name of Applicant :
(31) Priority Document No	:61/644536	1)LG CHEM LTD.
(32) Priority Date	:09/05/2012	Address of Applicant :20 Yoido dong, Youngdungpo gu Seoul
(33) Name of priority country	:U.S.A.	150-721 Republic of Korea
(86) International Application No	:PCT/KR2013/004111	(72)Name of Inventor :
Filing Date	:09/05/2013	1)KANG Tae Sik
(87) International Publication No	:WO 2013/169047	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an organic electrochemical device and to a method for manufacturing same. The organic electrochemical device according to the present invention comprises: a substrate; a first electrode arranged on the substrate; an intermediate layer formed on the first electrode; a second electrode formed on the intermediate layer; and a first organic layer. At least a portion of the first organic layer contacts the second electrode and the intermediate layer.

No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9306/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRICAL POWER CONVERTER

(51) International classification :H03K17/16,H02M1/38,H02M3/155
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/JP2012/060399
Filing Date :18/04/2012
(87) International Publication No :WO 2013/157086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAMATANI Takashi
3)NAKATA Kenichi
4)MATSUME Kazuya

(57) Abstract :

The present specification relates to an electrical power converter including two serially connected transistors and provides a technique for suppressing any increase in electrical current flowing through both transistors when the transistors are on due to a fault of some kind. This electrical power converter includes a first transistor (6a) and second transistor (6b) connected in series. The electrical power converter is provided with a clamp circuit (5) for suppressing an abnormal rise in the gate voltage in the first transistor (6a) and/or the second transistor (6b). The clamp circuit (5) includes a diode (14) and a capacitor (15). An anode of the diode (14) is connected to a gate (G) of the transistors. One electrode of the capacitor (15) is connected to a cathode of the diode (14) and the other electrode is connected to an emitter (E) of the transistors.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF PRODUCING STRESS TOLERANT PLANTS

(51) International classification

:F25J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)JAISWAL, DINESH KUMAR

4)MISHRA, POONAM

5)SUBBA, PRATIGYA

6)RATHI, DIVYA

(57) Abstract :

The present disclosure relates to a method of producing transgenic plants that over-express the chickpea protein, CaSUN1, expression of which enhances the stress tolerance of the transgenic plants. The disclosure further provides recombinant DNA constructs, recombinant DNA vectors, and recombinant host cells comprising the cDNA encoding CaSUN1.

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

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

(51) International classification :C07C209/48,
C07C209/00
(31) Priority Document No :05027072.7
(32) Priority Date :12/12/2005
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2006/011885
Filing Date :11/12/2006
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :4850/DELNP/2008
Filed on :11/12/2006

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3)CORSI Camilla
4)EHRENFREUND Josef
5)GIORDANO Fanny
6)ZELLER Martin

(57) Abstract :

The present invention relates to a novel a process for the preparation of the compound of the general formula (I), wherein R 1 and R2 are independently H or C1-6 alkyl, which comprises treating with a reducing agent either a compound of the general formula (11), wherein R 1 and R2 have the meanings given for the compound of the formula (I), R3 is H or C1-4alkyl and Ph is phenyl, or a compound of the general formula (III), wherein R1, R2, R3 and Ph have the meanings given for the compound of the formula (11)) the reducing agent being effective to cleave the benzyl moiety Ph-CH(R3)- from the benzylamino moiety PhCH(R3)NH- in the compound of the formula (11) or in the compound of the formula (III) to leave an amino group and, in addition, in the case of the compound of the formula (III), to reduce both the 2,3-double bond and the double bond joining the R1R2C- moiety to the 9-position of the benzonorbornene ring to single bonds. It also relates to processes for the preparation of the compounds (11) and (III) and their precursors and to the compounds (11) and (III) themselves and certain of their precursors, which are novel compounds. The compounds (I) are useful for the preparation of various fungicidal heterocyclyl-carboxylic acid benzonorbornen-5-yl-amides.

No. of Pages : 79 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SHAVING BLADE UNIT WITH SELF-LEVELING TRIMMER

(51) International classification	:B26B 21/22
(31) Priority Document No	:12/534,216
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044058
Filing Date	:02/08/2010
(87) International Publication No	:WO 2011/017239
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.

(72)Name of Inventor :

1)WHELAN, TREVOR, JOHN

2)WARRICK, PAUL, LESLIE

(57) Abstract :

A shaving razor blade unit (16) including a housing (20) having a primary guard (22) at a front of the housing and a primary cap (24) at an upper surface at a back of the housing. One or more primary shaving blades (28) are positioned between the primary guard and the primary cap. A trimming blade (44) is pivotally mounted at the back of the housing and has a cutting edge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9320/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURING PARTICLES

(51) International classification :B22F9/12,B22F9/28,B01J12/00
(31) Priority Document No :20120493
(32) Priority Date :27/04/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/IB2013/053304
Filing Date :26/04/2013
(87) International Publication No :WO 2013/160874
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)REACTIVE METAL PARTICLES AS
Address of Applicant :Neslia 1 N 1344 Haslum Norway
(72)Name of Inventor :
1)RUUD Eirik

(57) Abstract :

The present invention relates to an apparatus and method for manufacturing solid particles based on inert gas evaporation where the method comprises forming a continuous gaseous feed flow comprising a saturated vapour of the material and injecting the continuous gaseous feed flow through an inlet into a free space region of a reactor chamber in the form of a feed jet flow protruding from the inlet and forming at least one continuous jet flow of a cooling fluid and injecting the at least one jet flow of cooling fluid into the reaction chamber wherein the feed jet flow is made by passing the feed flow at a pressure above the reactor chamber pressure in the range from $0.01 \cdot 10$ to $20 \cdot 10$ Pa through an injection nozzle functioning as the reactor inlet and which has a rectangular cross sectional area of the nozzle opening with height A and width B where the aspect ratio B/A is = 2: 1 and the height A is in the range from 0.1 to 40 mm and each of the at least one jet flow of cooling fluid is made by passing the cooling fluid through an injection nozzle which directs the jet flow of cooling fluid such that it intersects the feed jet flow with an intersection angle between 30 and 150° and where each of the at least one jet flow of cooling fluid either individually or combined mixes with substantially all of the gas of the feed jet flow at an intended distance apart from the nozzle opening for injection of the feed jet flow.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9315/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SEPARATION OF COMPONENTS FROM A MULTI COMPONENT HYDROCARBON STREAM

(51) International classification :B01D1/00,B01D3/06,C07C2/36
(31) Priority Document No :2012/03386
(32) Priority Date :09/05/2012
(33) Name of priority country :South Africa
(86) International Application No:PCT/IB2013/053686
Filing Date :08/05/2013
(87) International Publication No :WO 2013/168098
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED
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(72)Name of Inventor :
1)VENTER Denise Louise
2)BRIGMAN Natasha
3)MCKNIGHT Tyrone
4)BLANN Kevin
5)EVANS Stephen John

(57) Abstract :

A process (10) to separate a multi component hydrocarbon stream (26) comprising ethylene at least one polymer and other components includes flashing the multi component hydrocarbon stream in a first flash stage (12) from an elevated pressure of more than 30 bar(a) and an elevated temperature in the range of 150°C to 185°C to a flash pressure in the range of 10 bar(a) to 30 bar(a) producing a first ethylene containing vapour overheads product (28) at a pressure in the range of 10 bar(a) to 30 bar(a) and a first flash stage bottoms product (30.1) which includes some ethylene the at least one polymer and some of the other components. The flash pressure and the elevated temperature of the multi component hydrocarbon stream (26) are selected such that the first flash stage bottoms product (30.1) has a concentration of the at least one polymer of less than 5% by mass to render the viscosity of the first flash stage bottoms product (30.1) at the temperature of the first flash stage bottoms product (30.1) in the first flash stage (12) at less than 1000 cP at a shear of 1 per second. At least a portion of the first flash stage bottoms product (30.1) is heated to a temperature in excess of 150°C to form a heated first flash stage bottoms product (30.2). A recycle portion (30.3) of the heated first flash stage bottoms product (30.2) is combined with the multi component hydrocarbon stream (26) which is at a temperature less than 150°C before combination with the recycle portion (30.3) thereby to heat the multi component hydrocarbon stream (26) to the elevated temperature in the range of 150°C to 185°C. At least a portion (32) of the first flash stage bottoms product and the first ethylene containing vapour overheads product (28) are withdrawn from the first flash stage (12).

No. of Pages : 48 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9317/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOINJECTOR

(51) International classification :A61M5/20,A61M5/32
(31) Priority Document No :1254865
(32) Priority Date :25/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051138
Filing Date :24/05/2013
(87) International Publication No :WO 2013/175137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FABIEN David
2)MANSENCAL Antoine
3)WALTER Matthieu

(57) Abstract :

The invention relates to an autoinjector comprising a lower body (10; 1010) that receives a barrel said barrel containing fluid product and comprising a plunger and a needle. The autoinjector comprises: an actuator sleeve (11; 1011) which is provided with a contact end intended to come into contact with the user's body and which can be moved between projecting positions and an actuation position said actuator sleeve (11; 1011) occupying a first projecting position prior to actuation and a second projecting position following actuation of the autoinjector; injection means (5,8; 1005, 1008) for injecting the fluid product through the needle when the needle is in the injection position; and an injection lock for locking the injection means (5,8; 1005,1008). The actuator sleeve (11; 1011) is automatically returned to the second projecting position when the user removes the autoinjector from his/her body and the actuator sleeve (11; 1011) is then locked in the second projecting position preventing the autoinjector from being actuated again. The autoinjector also comprises an external shell (22; 1022) including at least one viewing window (221,222,223; 1221) that provides the user with a visual indication of the autoinjector actuation sequences.

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9318/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRICAL INSULATING PAPER

(51) International classification	:D21H13/38,D21H13/44,D21H17/67
(31) Priority Document No	:10 2012 103 775.2
(32) Priority Date	:27/04/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/058910
Filing Date	:29/04/2013
(87) International Publication No	:WO 2013/160484
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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Address of Applicant :Schlederloh 15 82057 Icking Germany
(72)Name of Inventor :
1)KLEEMANN Tobias A.
2)KLEEMANN Angelika

(57) Abstract :

The present invention relates to an electrical insulating paper having a dielectric strength of greater than 40 kV/mm containing 20 to 99 wt% cellulose and 1 to 80 wt% mineral fillers. The invention is characterized in that the mineral filler has at least one phyllosilicate constituent preferably talc and/or mica. The invention furthermore also encompasses the method for producing the electrical insulating paper and its use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3840/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TEXTURING OF 3D-MODELS USING PHOTOGRAPHS AND/OR VIDEO FOR USE IN USER-CONTROLLED INTERACTIONS IMPLEMENTATION

(51) International classification

:G06T

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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UTTARPRADESH, INDIA

2)VATS, GAURAV

(72)Name of Inventor :

1)VATS, NITIN

2)VATS, GAURAV

(57) Abstract :

Texturing of external and/or internal surfaces, or on internal parts of 3D models representing real objects, for providing extremely real-like, vivid and detailed view on and/or within the 3D-model, is made possible using a plurality of real photographs and/or video of the real objects. The 3D models are 3D computer graphics models used in user-controlled interactions implementation purpose. The view of texture on the 3D model that is textured using real photographs and/or video replicates view of texture as on the real 3D object. Displaying realistic texture on 3D-model surface applying video as texture is made possible replicating real view of light blinking from a physical light emitting device of real object such as head light or rear light of an automotive vehicle.

No. of Pages : 69 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : RECOMBINANT SUBUNIT VACCINE AGAINST BETA TOXIN OF CLOSTRIDIUM PERFRINGENS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF IMMUNOLOGY
(32) Priority Date	:NA	Address of Applicant :ARUNA ASAF ALI MARG, NEW
(33) Name of priority country	:NA	DELHI - 110067, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GARG, CHANDER LALIT
(87) International Publication No	: NA	2)BHATIA, BHARTI
(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 fusion protein having a beta toxin epitope fused with LTB (B subunit of E.coli heat labile enterotoxin) for use as a sub unit vaccine against beta toxin of Clostridium perfringens. This vaccine will be therapeutic against necrotic enteritis caused by C. perfringens type B and type C. The advantages which this invention provides over the existing vaccines will be low production cost, no risk of reversion back, higher safety level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL COMBINATION COMPRISING A PHOSPHATIDYLINOSITOL 3-KINASE INHIBITOR AND AN AROMATASE INHIBITOR

(51) International classification :A61K45/06,A61K31/4184,A61K31/4196
(31) Priority Document No :61/703533
(32) Priority Date :20/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060292
Filing Date :18/09/2013
(87) International Publication No :WO 2014/047109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel
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(72)Name of Inventor :
1)GOLDBRUNNER Michael
2)HUANG Xizhong

(57) Abstract :

The present invention relates to a pharmaceutical combination comprising a 2 carboxamide cycloamino urea derivative compound of formula (I) and at least one aromatase inhibitor for the treatment of cancer; the uses of such combinations in the treatment of cancer; and to a method of treating warm blooded animals including humans suffering cancer by administering to said animal in need of such treatment an effective dose of a 2 carboxamide cycloamino urea derivative compound of formula (I) in combination with at least one aromatase inhibitor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9332/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COSMETIC COMPOSITION CARRIER COMPRISING FOAMS

(51) International classification :A61K8/67,A45D34/00,A45D37/00
(31) Priority Document No :1020120038471
(32) Priority Date :13/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/003100
Filing Date :12/04/2013
(87) International Publication No :WO 2013/154391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)CHOI Jung Sun
2)KIM Kyung Nam
3)CHOI Kyung Ho

(57) Abstract :

The present invention relates to a cosmetic composition carrier in which one or more foams having a number of pores in the range of 10ppi to 130ppi are impregnated with a cosmetic composition having a viscosity of 1,000 to 5,000cps and 15,000 to 100,000 cps so as to enable a user to carry a compact type liquid cosmetic composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9334/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR CONTROLLING AT LEAST ONE PIEZOELECTRIC ACTUATOR OF A FUEL INJECTOR OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/20,F02D41/40,F02M51/06
(31) Priority Document No :1254719
(32) Priority Date :23/05/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/001492
Filing Date :21/05/2013
(87) International Publication No :WO 2013/174504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)CONTINENTAL AUTOMOTIVE GMBH
(72)Name of Inventor :
1)LEBLON Michael
2)ATANASYAN Alain
3)MEMAIN Jrmie

(57) Abstract :

The invention relates to a method for controlling a piezoelectric actuator of a fuel injector comprising the steps of: applying a first nominal electric charge (Qc) to the actuator so as to open the valve means of the injector for a fuel injection; ordering the closing of the injector in order to stop the fuel injection by the application of an electric discharge (Qd) to the actuator so as to close the valve means; and on top of the first nominal charge after the application of same and before the step consisting in ordering the closing of the injector applying at least one second electric charge (Qp) so called polarisation charge to the actuator so as to polarise the piezoelectric actuator during an opening phase of the injector and during the injection of the fuel into the combustion chamber.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.852/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS TO CHARACTERIZE CELL REPROGRAMMING AND USES THEREOF

(51) International classification :G01N 33/543

(31) Priority Document No :61/230,398

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/US2010/043336

Filing Date :27/07/2010

(87) International Publication No :WO 2011/014485

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YE FANG

2)SADASHIVA K PAI

3)FLORENCE RIER

(57) Abstract :

Disclosed are label free biosensors and methods using these to observe stem cells and the for the analysis of stem and related cells.

No. of Pages : 84 No. of Claims : 5

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING STACKS OF SHEETS INTO BUNDLES OF SECURITIES, IN PARTICULAR BANKNOTE BUNDLES

(51) International classification :G06M 9/00
 (31) Priority Document No :09167085.1
 (32) Priority Date :03/08/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2010/053496
 Filing Date :02/08/2010
 (87) International Publication No :WO 2011/015982
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)**Name of Inventor :**
1)GYGY, MATTHIAS
2)SAUER, HARTMUT, KARI

(57) Abstract :

There is described a method for processing stacks of sheets (SS) into bundles (5) of securities, in particular banknote bundles, the method comprising the steps of cutting successive stacks of sheets (SS), each carrying an array of multiple security prints arranged in a matrix of rows and columns, into successive sets of bundle strips (S; S), and cutting the successive set of bundle strips (S; S) into successive sets (2) of consecutive bundles (5) of securities. This method further comprises the step of counting the number of substrates within each bundle strip (S; S) prior to cutting thereof into the successive sets (2) of consecutive bundles (5). Such counting comprises taking at least one image (I) of a at least a portion of a longitudinal side (10) of the bundle strip (S; S) while the bundle strip (S; S) is being displaced along a direction of displacement (A) which is parallel to the longitudinal side (10) of the bundle strips (S; S), and processing the said at least one image (I) to derive a substrate count of the substrates within the bundle strip (S; S). Also described in a system for carrying out this method.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9128/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD OF PROMOTING BINDING OF A SMALL MOLECULE ACTIVE AGENT TO A PREFORMED CRYSTALLINE MICROPARTICLE

(51) International classification	:A61K9/16
(31) Priority Document No	:60/717,524
(32) Priority Date	:14/09/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/035822
Filing Date	:14/09/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1921/DELNP/2008
Filed on	:05/03/2008

(71)**Name of Applicant :**
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Address of Applicant :28903 North Avenue Paine, Valencia, CA 91355 USA
(72)**Name of Inventor :**
1)HOKENSON, Mark
2)OBERG, Keith, A.

(57) Abstract :

Methods are provided for promoting the adsorption of a small molecule active agent to microparticles by modifying the structural properties of the active agent in order to facilitate favorable association to the microparticle.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9326/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PREPARATIONS OF HYDROPHOBIC THERAPEUTIC AGENTS METHODS OF MANUFACTURE AND USE THEREOF

(51) International classification	:C07J31/00,C07J71/00	(71)Name of Applicant :
(31) Priority Document No	:61/644105	1)ACIEX THERAPEUTICS INC.
(32) Priority Date	:08/05/2012	Address of Applicant :470 Atlantic Avenue 4th Floor Boston
(33) Name of priority country	:U.S.A.	MA 02210 U.S.A.
(86) International Application No	:PCT/US2013/039694	(72)Name of Inventor :
Filing Date	:06/05/2013	1)CAVANAGH,Thomas
(87) International Publication No	:WO 2013/169647	2)BARMAN, Shikha P.
(61) Patent of Addition to Application	:NA	3)HAO, Tian
Number	:NA	4)LELAND, Thomas B.
Filing Date	:NA	5)THEKKEDATH,Ritesh, V.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention further provides method of preparing nanocrystals of a hydrophobic therapeutic agent such as fluticasone or triamcinolone, pharmaceutical compositions (e.g. topical or intranasal compositions) thereof and methods for treating and/or preventing the signs and/or symptoms of disorders such as blepharitis, meibomian gland dysfunction or skin inflammation or a respiratory disease (e.g. asthma).

No. of Pages : 189 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9327/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FABRIC TREATMENT COMPOSITIONS

(51) International classification :C11D3/00,C11D1/62,C11D3/37
(31) Priority Document No :61/649534
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/041989
Filing Date :21/05/2013
(87) International Publication No :WO 2013/177141
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SIVIK, Mark ,Robert
2)PANANDIKER, Rajan, Keshav
3)HODGDON, Travis, Kyle
4)GONZALEZ, Lidiany
5)BENLAHMAR, Ouidad
6)LEYRER ,Reinhold, Joseph
7)BOYKO, Volodymyr
8)MIKHAEL, Jules, Hanna

(57) Abstract :

The present invention relates to fabric treatment compositions containing multi phase systems polymers for use in multi phase systems as well as products comprising such systems and methods of making and using same. Such treatment compositions may be used for example as laundry additives and/or through the rinse to provide benefits including enhanced softening color benefits and wrinkle reduction.

No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9328/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR OPERATING A HIGH PRODUCTIVITY INJECTION MOLDING MACHINE

(51) International classification :B29C45/37,B29C45/27
(31) Priority Document No :13/476045
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/066095
Filing Date :20/11/2012
(87) International Publication No :WO 2013/176701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALTONEN Gene Michael
2)NEUFARTH Ralph Edwin
3)LUMPKIN Danny David
4)BREIDENBACH Vincent Sean
5)MCCONNELL Kimberly Nichole
6)DODD Michael Thomas

(57) Abstract :

A high productivity injection molding method and machine that includes a mold having a first mold part and a second mold part at least one of the first mold parts and the second mold parts being formed from a material having an average thermal conductivity of 51.9 W/m C or greater, the high productivity injection molding machine having a useful life of more than 1 million injection molding cycles.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9335/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AVOIDANCE OF AN OVERLOAD FOR TRANSMISSION LINKS WITHIN A POWER SUPPLY SYSTEM

(51) International classification	:H02J3/24	(71)Name of Applicant :
(31) Priority Document No	:10 2012 211 149.2	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:28/06/2012	Address of Applicant :Wittelsbacherplatz 2 80333 M ^u nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/058520	(72)Name of Inventor :
Filing Date	:24/04/2013	1)FALK Rainer
(87) International Publication No	:WO 2014/000906	2)FRIES Steffen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and an apparatus for avoiding overload for sections (S1) within a power supply system (NET) wherein requirements for the loads (V1) are used to ascertain which sections (S1) can be enabled for loads (V1).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9336/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LUBRICANT COATING FOR MEDICAL CONTAINER

(51) International classification :C10M107/50,A61L29/08,A61M5/00
(31) Priority Document No :12305508.9
(32) Priority Date :07/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059531
Filing Date :07/05/2013
(87) International Publication No :WO 2013/167617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Pont de Claix France
(72)Name of Inventor :
1)SANTUCCI ARIBERT Virginie
2)ROSSITO Emanuela

(57) Abstract :

The invention relates to a lubricant coating for a medical container comprising a cross linked lubricant composition comprising a mixture of non reactive silicone with reactive silicone characterized in that the reactive silicone comprises a mixture of vinyl based silicone and acrylate based silicone. The invention further relates to a lubricant composition usable as an intermediate product in the fabrication of a lubricant coating. The invention further relates to a medical container comprising a barrel and a stopper in gliding engagement within the barrel comprising such a lubricant coating. The invention also relates to a process of manufacturing a medical container comprising a barrel and a stopper in gliding engagement within the barrel comprising the steps of: depositing a lubricant composition as defined above on the inner surface of the barrel and/or on the stopper and carrying out an irradiation of the coated barrel and/or stopper so as to cross link the lubricant composition to form a lubricant coating.

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9337/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FEEDING DEVICE AND A FEEDING APPARATUS

(51) International classification	:A61J9/00
(31) Priority Document No	:201310175125.3
(32) Priority Date	:13/05/2013
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2014/058386
Filing Date	:20/01/2014
(87) International Publication No	:WO 2014/184686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SWIFT SINO LIMITED
Address of Applicant :Flat B 9/F. Gee Luen Chang Ind. Bldg.
No. 11 Yuk Yat Street Tokwawan Kowloon Hongkong(China)
(72)**Name of Inventor :**
1)LO Fu Man Herman

(57) Abstract :

A feeding device and a feeding apparatus are disclosed. The feeding apparatus includes the feeding device (100). The feeding device (100) made of resilient material includes a circular base (1) and a sac (2). The sac (2) extends downward from the circular base (1) and includes a collapsible part (22). One or more apertures (211) are provided at the end of the sac (2). As the sac (2) has the collapsible part (22) on the one hand the capacity of the sac (2) is increased on the other hand the collapsible part (22) may be used as a pump to make it easier to extrude food from the sac (2). The collapsible part (22) may also be bent in an angle to improve the usability and the practicality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9338/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE AND METHOD FOR DEPOSITING FILMS IN TABLET PRESSES

(51) International classification :A61J3/06,B30B11/08,B65G17/00

(31) Priority Document No :10 2013 105 051.4

(32) Priority Date :16/05/2013

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2014/060130

Filing Date :16/05/2014

(87) International Publication No :WO 2014/184364

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KORSCH AG

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(72)Name of Inventor :

1)SCHMETT Michael

2)KORSCH Wolfgang

3)MIES Stefan

(57) Abstract :

The invention relates to a device for transferring depositing and positioning films that are used as cores in coating core tablets in matrices of tablet presses said device comprising at least three modules a. module 1 (11) comprising at least one storage unit that contains the films and/or at least one supply unit that supplies the films for transfer by a second module b. module 2 (12) comprising at least one transfer unit at least one conveyor belt (17) and at least one intake wheel (22) c. module 3 (13) comprising at least one controllable vacuum head (25) which comprises a removal device that removes the films from the carriers (28) of module 2 (12) using a vacuum and deposits them in the matrices of the tablet press (14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9339/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE AND METHOD FOR RECORDING IMAGES OF A VEHICLE UNDERBODY

(51) International classification :H04N7/18,G08B13/196	(71)Name of Applicant :
(31) Priority Document No :10 2012 209 224.2	1)ROBERT BOSCH GMBH
(32) Priority Date :31/05/2012	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country :Germany	Germany
(86) International Application No :PCT/EP2013/059865	(72)Name of Inventor :
Filing Date :14/05/2013	1)TAKAMI Masato
(87) International Publication No :WO 2013/178460	
(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 recording device for recording images (10) of an underbody (6a) of a vehicle (6) which has at least one camera (2), which is designed to record images of regions of the underbody (6a), and mirrors (3, 3a, 3b, 7a, 7b, 8), which are designed and arranged to project images of the underbody into the at least one camera (2). The mirrors (3, 3a, 3b, 7a, 7b, 8) are arranged in such a way that the mirrors project regions of the underbody (6a) lying adjacent to each other perpendicularly to the direction of travel of the vehicle (6) into the camera (2) as image regions arranged one over the other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2014

(21) Application No.8961/DELNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS

(51) International classification	:C04B2/08, C02F5/10,
(31) Priority Document No	:60/606,735
(32) Priority Date	:02/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/030661
Filing Date	:29/08/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:933/DELNP/2007
Filed on	:05/02/2007

(71)Name of Applicant :

1)GRUPO PETROTEMEX, S.A. DE C.V.

Address of Applicant :Ricardo Margain No. 444, Torre sur,
Piso 16 col Valle del Campestre 66265 San Pedro Garza Garcia,
Nuevo Leon (81) 8748 1500, Mexico

(72)Name of Inventor :

1)ROBERT LIN

2)RUAIRI SEOSAMH O'MEADHRA

(57) Abstract :

A process comprising: (a) introducing a feed slurry into a zoned slurry concentrator, said zoned slurry concentrator comprising a single vessel having an agitated zone and a settling zone, wherein the vessel defines a liquid outlet for removing a liquid-concentrated mixture and a solids outlet for removing a solids-concentrated mixture, wherein said feed slurry comprises solid terephthalic acid (TPA) particles and simultaneously subjecting said feed slurry to oxidative digestion and concentration in said zoned slurry concentrator; (b) withdrawing a liquid-concentrated mixture from a liquid outlet of said zoned slurry concentrator; and (c) withdrawing a solids-concentrated mixture from a solids outlet of said zoned slurry concentrator, wherein the ratio of the solids content of said solidsconcentrated mixture to the solids content of said liquid-concentrated mixture is 2: 1 or more by weight.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9158/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROPAGATION OF STRELITZIA (BIRD OF PARADISE)

(51) International classification	:A01H4/00
(31) Priority Document No	:2012/02513
(32) Priority Date	:05/04/2013
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2013/052728
Filing Date	:05/04/2013
(87) International Publication No	:WO 2013/150493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF LIMPOPO

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(72)Name of Inventor :

1)NIKOLOVA, Roumiana, Vassileva

2)RAMALEPE, Phillemon

3)DU PLESSIS, Helena, Jacoba

(57) Abstract :

An in vitro method for the propagation of a Strelitzia species from a Strelitzia seed includes chemically scarifying the Strelitzia seed, and effecting surface sterilisation of the scarified seed. The scarified and sterilised seed is inoculated on germination media and allowed to germinate in darkness to establish a germinated seed culture. In a seedling development step, the germinated o seed culture is subjected to light conditions for a suitable photoperiod for seedling development, whereafter a shoot explant is ob - tained by removing the root of the seedling. Apical dominance is uplifted in the shoot explant, and multiple shoot development is o initiated on the shoot explant using plant growth regulators. The resulting multiple shoots are separated and axillary shoots subcultured to shoot induction media for further multiplication. Axillary shoots are transferred to root development media for inducing root growth, and hence plantlet regeneration. The resultant in vitro produced plantlets are acclimitised.

No. of Pages : 59 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9159/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLEXIBLE CONTAINERS

(51) International classification :B65D75/00,B65D75/58,B65D75/52
(31) Priority Document No :61/643813
(32) Priority Date :07/05/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/039801
Filing Date :07/05/2013
(87) International Publication No :WO 2013/169682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza,
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(72)**Name of Inventor :**
1)STANLEY, Scott, Kendyl
2)MCGUIRE, Kenneth, Stephen

(57) Abstract :
Non durable self supporting flexible containers.

No. of Pages : 105 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9340/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS WITH HETEROGENEOUS PROCESSING MODULES

(51) International classification :C12Q1/68,G01N33/53,G01N33/48
(31) Priority Document No :61/639820
(32) Priority Date :27/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/038210
Filing Date :25/04/2013
(87) International Publication No :WO 2013/163424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CEPHEID
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California 94089 U.S.A.
(72)Name of Inventor :
1)BISHOP John L.

(57) Abstract :

A biological sample processing apparatus having an enclosure. A plurality of sample processing modules are held by the enclosure. Each sample processing module is configured to hold a removable sample cartridge and to only perform sample processing on a sample within the corresponding removable sample cartridge. Each sample processing module is configured to perform at least one of a plurality of testing processes on the sample within the removable sample cartridge. At least one module in the apparatus is configured to perform nucleic acid amplification and detection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9341/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SERVER NODE INTERCONNECT DEVICES AND METHODS

(51) International classification :G06F15/16
(31) Priority Document No :13/470847
(32) Priority Date :14/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/040508
Filing Date :10/05/2013
(87) International Publication No :WO 2013/173181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADVANCED MICRO DEVICES INC.
Address of Applicant :1 AMD Place, Sunnyvale, California
94085 U.S.A.
(72)Name of Inventor :
1)HUMMEL, Mark
2)MAYHEW, David
3)OSBORN, Michael

(57) Abstract :

Described are systems and methods for interconnecting devices. A switch fabric is in communication with a plurality of electronic devices. A rendezvous memory is in communication with the switch fabric. Data is transferred to the rendezvous memory from a first electronic device of the plurality of electronic devices in response to a determination that the data is ready for output from a memory at the first electronic device and in response to a location allocated in the rendezvous memory for the data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9309/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANIMAL FEED PRODUCTS AND METHODS OF MAKING SAME

(51) International classification	:C12F3/10,A23K1/00	(71)Name of Applicant :
(31) Priority Document No	:61/648109	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:17/05/2012	MAATSCHAPPIJ B.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Carel van Bylandtlaan 30 NL 2596 The
(86) International Application No	:PCT/US2013/041306	Hague Netherlands
Filing Date	:16/05/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/173560	1)RADTKE Corey William
(61) Patent of Addition to Application	:NA	2)HAMILTON Phillip Guy
Number	:NA	3)KREITMAN Keith Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment the animal feed product of the present invention is devolatilized. In addition in various embodiments the animal feed of the present invention is already size reduced which allows ease of handling and transport such as further densification including pelletization and/or other formatting process for rail transportation. In various embodiments the animal feed of the present invention has a low sulfur content high amount of ADF and/or high amount of starch to meet desired nutritional amounts which further can allow it to be a substantial or complete replacement of forage. In addition in certain embodiments grain is preferably not used in the production of the animal feed but rather vegetative material is used instead.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9310/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRAIN TEST PLATFORM

(51) International classification :G01R31/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2012/057022

Filing Date :17/04/2012

(87) International Publication No :WO 2013/156062

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)NA

(72)Name of Inventor :

1)BOURGOIN Frederick

(57) Abstract :

A train test platform (101) for integration testing of actual train components of a multiple car railway train and a method to test such actual train components ahead of production of the first actual real train or without the need of an actual complete train is provided. The test platform (101) comprises a supervisor unit (119) and several car units (111 to 118) linked by a reflective memory system (137). The actual components to be tested are installed in instrumentation units of the respective car units (111 to 118). The instrumentation units provide break out interfaces for connecting the actual train components to a train communication system (136) comprising the wiring bus systems power supplies etc. that are functionally identical to the communication system (136) in the actual train. Further the instrumentation units simulate those components not being present physically in the respective cars to provide the signals produced by these components and to react on signals designated for these components. Testing is performed by monitoring and or manipulating signals at the break out interfaces in real time. All testing is controlled by the supervisor unit (119) using the reflective memory to exchange information with the platform components in the respective car units (111 to 118).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9311/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND COMMUNICATION DEVICE FOR CONTROLLING ACCESS TO A WIRELESS ACCESS NETWORK

(51) International classification :H04W74/08,H04W74/00,H04W48/12
(31) Priority Document No :61/625157
(32) Priority Date :17/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/053026
Filing Date :16/04/2013
(87) International Publication No :WO 2013/156937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :SE 164 83 Stockholm Sweden
(72)Name of Inventor :
1)JANG Ke Chi
2)CHERIAN Airin

(57) Abstract :

A method for controlling access to a wireless Access Network (AN) (25) by a wireless communication device (23,31,41) The device stores a Device Access Priority (DAP) level based on characteristics of the device. When the device has data to send the device receives an overhead message (26) from the AN containing a Network Access Priority (NAP) parameter defining a minimum priority level for initiating network access. The device determines whether its DAP level is equal to or greater than the NAP parameter. If not the device periodically repeats the receiving and determining steps until the stored DAP level is determined to be equal to or greater than the NAP parameter received from the AN. When the stored DAP level is equal to or greater than the NAP parameter the device initiates network access. The device may perform and pass a Persistence Test before transmitting the data on an access channel (ACH).

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L13/22

(31) Priority Document No :10/601,106

(32) Priority Date :20/06/2003

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

(86) International Application No :PCT/US2004/019541

Filing Date :18/06/2004

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :5305/DELNP/2005

Filed on :18/06/2004

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue, New York, NY
10022, USA

(72)Name of Inventor :

1)HOHLBEIN Douglas J.

(57) Abstract :

An oral care implement with a handle includes a head with a tissue cleanser. The tissue cleanser may be a pad composed of an elastomeric material. The pad is disposed on the head on a surface opposite the tooth cleaning elements. The tissue cleanser may include a plurality of nubs extending for cleaning between the papillae of the tongue. The tissue cleanser may include a plurality of conically shaped nubs. A tissue cleanser can be used to reduce oral epithelial cells.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9214/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : POWDER PARTICLE COATING USING ATOMIC LAYER DEPOSITION CARTRIDGE

(51) International classification :C23C16/455

(31) Priority Document No :NA

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/FI2012/050462

Filing Date :14/05/2012

(87) International Publication No :WO 2013/171360

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)LINDFORS, Sven

2)SOININEN Pekka J.

(57) Abstract :

It is desirable to coat small particles with thin coatings to alter the surface properties of these particles while maintaining their bulk properties. The ALD technique is an interesting application for this purpose. The invention provides a method that includes receiving an atomic layer deposition (ALD) cartridge (110) into a receiver of an ALD reactor (121) by a quick coupling method. Due to this feature it can be attained that conduits inside the reactor and cartridge are in alignment with each other. Said ALD cartridge is configured to serve as an ALD reaction chamber, and the method comprises processing surfaces of particulate material within said ALD cartridge by sequential self- saturating surface reactions. The invention also pertains to an ALD reactor, an ALD cartridge and to an apparatus, which contains the reactor and the cartridge.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9215/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CLUTCH BRAKE COMBINATION

(51) International classification	:F16D67/04
(31) Priority Document No	:10 2012 013 788.5
(32) Priority Date	:23/05/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/001517
Filing Date	:23/05/2013
(87) International Publication No	:WO 2014/008963
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SEEGER, Herbert

(57) Abstract :

The invention relates to a clutch brake combination (1), comprising a hydraulic piston cylinder unit (10) for closing the clutch (20) and a safety brake (30) which is under the preload of springs (9) in the direction of closure (6) thereof and is vented by means of the piston-cylinder unit (10) against the preload of the springs (9) during the displacement of the clutch in the direction of closure (5). To this effect, a coupling element (7) is provided between the mobile part of the piston-cylinder unit (10) and a pressure piece (8) acting upon the brake (30) in the direction of closure (6) thereof, wherein the springs (9) are located on the side of the safety brake (30) of the support (4) that receives the respective packets (2,3) of clutch plates or brake plates, while the coupling elements (7) are pressure pins which extend axially from the side of the clutch (20) to the side of the safety brake (30) through the support.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9216/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COAGULATION FACTOR VIII WITH REDUCED IMMUNOGENICITY

(51) International classification	:C07K14/435
(31) Priority Document No	:12168800.6
(32) Priority Date	:22/05/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/060397
Filing Date	:21/05/2013
(87) International Publication No	:WO 2013/174805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAINT- REMY, Jean- Marie

(57) Abstract :

The invention describes factor VIII molecules with reduced capacity to elicit activation of NKT cells for use in the treatment of congenital and/or acquired haemophilia A and in bleeding disorders. Said factor VIII molecule is obtainable by: a. identification of at least one NKT cell epitope wherein said epitope comprises hydrophobic aminoacid residues in position P1 and/or P7 b. modification of said epitope(s) by eliminating at least one hydrophobic aminoacid residue in position P1 and/or P7, substituting at least one hydrophobic aminoacid residue in position P1 and/or P7 with a non-hydrophobic residue, or adding a non-hydrophobic residue in position P1 and/or P7.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9217/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MICROBIAL PRODUCTION OF ALKANOLAMIDES AND AMIDOAMINES AND USES THEREOF

(51) International classification	:C12N9/12,C12P13/02	(71)Name of Applicant :
(31) Priority Document No	:61/623711	1)LS9 INC
(32) Priority Date	:13/04/2012	Address of Applicant :600 Gateway Boulevard, South San
(33) Name of priority country	:U.S.A.	Francisco, CA 94080 U.S.A.
(86) International Application No	:PCT/US2013/030502	2)LUTES Jason J
Filing Date	:12/03/2013	3)DEL CARDAYRE STEPHEN
(87) International Publication No	:WO 2013/154721	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)LUTES, Jason J.
Number	:NA	2)DEL CARDAYRE, Stephen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a recombinant microorganism engineered to express an enzyme which catalyzes the conversion of a primary amine and an acyl thioester to a fatty amide. The disclosure further encompasses a method of producing a fatty amide by culturing the recombinant microorganism in the presence of a carbon source.

No. of Pages : 97 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.986/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTER CONNECTION UNIT (REAR) FOR JAGUAR AIRCRAFT UPGRADE PROGRAM

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, AVIONICS DIVISION, KORWA
(32) Priority Date	:NA	Address of Applicant :AGM (DESIGN ASERDC)
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED, AVIONICS
(86) International Application No	:NA	DIVISION, KORWA, AMETHI-227412, INDIA Uttar Pradesh
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.K. SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	2)NEERAJ SAXENA
Filing Date	:NA	3)M.K. VISHWAKARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Inter Connection Unit (Rear) of Jaguar aircraft is a signal distribution box for providing signals to MC1, MC2, CWP, AMU, FDAU and various other avionics systems. These signals are in analog, discrete and synchro form. It mainly consist of Relay Control Logic, Terminal Junction Modules, Diodes and 08 (eight) Connectors through which the other avionics LRUs are interfaced The ICU-Rear distributes signals and output is taken via different connector pins. (Ref Fig-1) The Inter Connection Unit (ICU-REAR) is intended to perform: (a) Electrical signal distribution task among various sub units of systems of Jaguar aircraft. (b) The unit performs signal distribution task using cables and junction modules while it employs a set of relays for switching signal. The unit comprises the following assemblies (a)Box Assembly. (b)Connector Assembly (c) Relay Board Sub Assy.

No. of Pages : 4 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9246/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ULTRASOUND CONTACT FLUID

(51) International classification :A61K49/22

(31) Priority Document No :20120529

(32) Priority Date :09/05/2012

(33) Name of priority country :Norway

(86) International Application No :PCT/EP2013/059588

Filing Date :08/05/2013

(87) International Publication No :WO 2013/167654

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SINVENT AS

Address of Applicant :P. O. Box 4764, N-7465 Sluppen

Norway

(72)Name of Inventor :

1)SELBEKK, Tormod

2)UNSG...RD, Geirmund

(57) Abstract :

The present invention concerns an aqueous ultrasound contact fluid comprising a pharmaceutical grade triglyceride and a pharmaceutically acceptable emulsifier and the use of said ultrasound contact fluid in an intraoperative or interventional ultrasound imaging procedure.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9247/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN INGREDIENT CAPSULE FOR BEVERAGE PREPARATION

(51) International classification :B65D85/816,B65D85/804
(31) Priority Document No :12166963.4
(32) Priority Date :07/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059063
Filing Date :01/05/2013
(87) International Publication No :WO 2013/167434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NESTEC S.A.
Address of Applicant :Av. Nestl 55, CH-1800 Vevey
Switzerland
(72)Name of Inventor :
1)DOGAN, Nihan
2)BEZET, Nicolas, Jean- Guy
3)AZOUZ, Ahmed

(57) Abstract :

Capsule (9) for use in a beverage preparation machine (1), said capsule comprising side (10), bottom (12) and top (11) walls defining a closed chamber said chamber containing an ingredient, said capsule further comprising a beverage dispensing wall able to open for releasing a beverage prepared from said ingredient and said fluid, said capsule further comprising a pierceable plug (14) located adjacent to the inner side of the injection wall of the capsule, and made of a resilient material, said plug having a thickness between 0.5 mm and 10 mm, and said plug having shape and dimensions such as to be pierced through by the fluid injection element (20) when said capsule is functionally inserted within said machine, characterized in that said plug (14) is supported by a plug supporting member (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9248/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : DAIRY BEVERAGE AND METHOD OF PREPARATION THEREOF

(51) International classification :A23C9/13,A23C9/137,A23L1/29
(31) Priority Document No :12167441.0
(32) Priority Date :10/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059515
Filing Date :07/05/2013
(87) International Publication No :WO 2013/167606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NESTEC S.A
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Switzerland
(72)Name of Inventor :
1)AICHINGER, Pierre- Anton
2)BERROCAL, Rafael
3)VOLERY, Pascal

(57) Abstract :

A shelf stable beverage adapted for consumption by infants and young children is disclosed, as well as its manufacturing process. The beverage comprises milk, hydrolysed cereals , and fermented milk, in particular yogurt and pectin. It may also comprise fruit.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9249/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : QUICK RESPONSE FLOAT OPERATED VAPOR VENT VALVE

(51) International classification :B60K15/035

(31) Priority Document No :61/645354

(32) Priority Date :10/05/2012

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

(86) International Application No :PCT/US2013/031042

Filing Date :13/03/2013

(87) International Publication No :WO 2013/169354

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

Address of Applicant :1000 Eaton Boulevard, Cleveland, OH
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(72)Name of Inventor :

1)ERDMANN, Matthew L.

2)WALKOWSKI, Paul, D.

(57) Abstract :

A valve assembly is provided for venting pressure in a fuel tank. The valve assembly includes a housing that defines a passage and a valve seat provided at one end of the passage. A float assembly is disposed within the housing. The float assembly includes a flexible membrane seal that seals against the valve seat when the float assembly rises in response to a rising fuel level in the fuel tank and a reopen profile that applies a reopening force along a select portion of the membrane seal to release the membrane seal from the valve seat when the float assembly drops in response to a falling fuel level in the fuel tank.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CLOUD-BASED KNOWLEDGE MANAGEMENT SYSTEM AND METHOD FOR CREATING PERVASIVE LEARNING ENVIRONMENT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUTPA, ANKUR
(32) Priority Date	:NA	Address of Applicant :MODEL INSTITUTE OF
(33) Name of priority country	:NA	EDUCATION & RESEARCH (MIET) BC ROAD, JAMMU
(86) International Application No	:NA	18001 INDIA Jammu & Kashmir
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUPTA, ANKUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention pertains to an IT-based system for facilitating knowledge enhancement of students by creating a pervasive learning environment through in-campus and off-campus interventions. High quality content inputs are provided through automated web-based mashup tools and human domain experts to a cloud-based knowledge management system, which distributes domain-specific content streams to designated knowledge servers catering to a particular institution. The content streams are specific to an institution and subscribed to by an institution based on the academic programmes it offers. These content streams are then distributed locally within the campus to electronic display boards which are connected wirelessly to the knowledge server. The content stream is visible to the student pervasively throughout the campus promoting sub-conscious learning and enhancement in knowledge without active participation. Content streams are also posted in a personalized manner to the various social networking platforms used by the target audience so that knowledge can be delivered pervasively beyond the classrooms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9176/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTISTAGE IIR FILTER AND PARALLELIZED FILTERING OF DATA WITH SAME

(51) International classification :H03H17/04

(31) Priority Document No :61/645291

(32) Priority Date :10/05/2012

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

(86) International Application No :PCT/US2013/036932

Filing Date :17/04/2013

(87) International Publication No :WO 2013/169450

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOLBY LABORATORIES LICENSING CORPORATION

Address of Applicant :100 Potrero Avenue, San Francisco, California, 94103 4813 U.S.A.

(72)Name of Inventor :

1)RATHI Khushbu P.

(57) Abstract :

In some embodiments, a multistage filter whose biquad filter stages are combined with latency between the stages, a system (e.g. an audio encoder or decoder) including such a filter, and methods for multistage biquad filtering. In typical embodiments, all biquad filter stages of the filter are operable independently to perform fully parallelized processing of data. In some embodiments, the inventive multistage filter includes a buffer memory, at least two biquad filter stages, and a controller coupled and configured to assert a single stream of instructions to the filter stages. Typically, the multistage filter is configured to perform multistage filtering of a block of input samples in a single processing loop with iteration over a sample index but without iteration over a biquadratic filter stage index.

No. of Pages : 61 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.853/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTROMAGNETIC CONVERTER WITH A POLYMER ELEMENT BASED ON A MIXTURE OF POLYISOCYANATE AND ISOCYANATE FUNCTIONAL PREPOLYMER AND A COMPOUND WITH AT LEAST TWO ISOCYANATE REACTIVE HYDROXYL GROUPS

(51) International classification	:C08G 18/10
(31) Priority Document No	:09009911.0
(32) Priority Date	:31/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/004435
Filing Date	:20/07/2010
(87) International Publication No	:WO 2011/012244
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER MATERIALSCIENCE AG
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Germany
(72)**Name of Inventor :**
1)WERNER JENNINGER
2)SEBASTIAN D-RR
3)JOACHIM WAGNER

(57) Abstract :

The present invention relates to an electromechanical converter, in particular an electromechanical sensor, actuator and/or generator, which comprises a polymer element obtainable from a reaction mixture comprising a polyisocyanate, a polyisocyanate prepolymer and a compound having at least two isocyanate-reactive hydroxy groups. The present invention additionally relates to a process for the production of such an electromechanical converter and to the use of a polymer element according to the invention as an electromechanical element. The present invention relates further to an electronic and/or electrical device comprising an electromechanical converter according to the invention and to the use of an electromechanical converter according to the invention in an electronic and/or electrical device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8530/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD OF MOUNTING A CORE ASSEMBLY

(51) International classification	:H02K1/30, H02K1/27
(31) Priority Document No	:10/790964
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006449
Filing Date	:01/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4938/DELNP/2006
Filed on	:28/08/2006

(71)**Name of Applicant :**
1)KWIKSET CORPORATION
Address of Applicant :19701 DA VINCI, LAKE FOREST,
CA 92610, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)FRANKLIN T. NAKASONE

(57) Abstract :

A method of mounting a core assembly (14) within a housing (12) of a lock assembly (10) having a bore (20) comprising the steps of: (a) inserting in the housing (12) in the bore (20) along an axis (A); (b) aligning a housing retainer groove (42) and a core assembly retainer groove (44); (c) inserting a retainer (16) into the housing retainer groove (42) to initially pass over a retainer engagement feature (56) extending from the housing (12) during insertion of the retainer (16) into the housing retainer groove (42) and the core assembly retainer groove (44) transverse the axis (A); and (d) selectively securing the retainer (16) to the housing (12) by biasing an engagement detent (56) extending from the housing (12) at least partially through an aperture (52) in the retainer (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9197/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A SET OF EMBOSSING ROLLERS

(51) International classification	:B31F1/07,B65B19/22	(71)Name of Applicant :
(31) Priority Document No	:12164380.3	1)BOEGLI- GRAVURES SA
(32) Priority Date	:17/04/2012	Address of Applicant :Rue de la Gare 24-26 CH- 2074 Marin-
(33) Name of priority country	:EPO	Epagnier Switzerland
(86) International Application No	:PCT/EP2013/056144	(72)Name of Inventor :
Filing Date	:22/03/2013	1)BOEGLI,Charles
(87) International Publication No	:WO 2013/156256	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the method for manufacturing embossing rollers for a device for embossing packaging materials that comprises a set of at least two embossing rollers of which one is driven and whereby the embossing roller set comprises a male roller having a male surface structure including structural elements and/or logo structures and a female roller having a female surface structure that is associated to the surface structure of the male roller for the common embossing operation with the male roller, the female surface structure is produced independently of a previously produced or physically pre existing associated male surface structure. Along with a high embossing accuracy this allows creating a very large variety of embossing structures, on one hand, and using a very large number of the most diverse materials, on the other hand as well as reducing transverse tensions in the embossed material.

No. of Pages : 59 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9198/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING A MONO -N- ALKYL PIPERAZINE

(51) International classification :C07D295/088

(31) Priority Document No :12170569.3

(32) Priority Date :01/06/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/060658

Filing Date :23/05/2013

(87) International Publication No :WO 2013/178534

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)BOU CHEDID, Roland

2)MELDER, Johann-Peter

3)ABEL, Ulrich

4)DOSTALEK, Roman

5)STEIN, Bernd

(57) Abstract :

The invention relates to a method for producing a mono-N-alkyl piperazine of formula (I), where R1 represents Ci to alkyl or 2-(2-hydroxy-ethoxy) ethyl, by reacting diethanolamine (DEOA) of formula (II) with a primary amine of formula H2N-R1 - (III) in the presence of hydrogen and a supported catalyst containing metal. The catalytically active mass of the catalyst, before reduction of the latter using hydrogen, contains oxygenic Compounds of aluminum, copper, nickel and cobalt and between 0.2 and - 5.0 wt. % oxygenic Compounds of tin, calculated as SnO, and the reaction is carried out in the liquid phase at an absolute pressure ranging from 95 to 145 bar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9199/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SEQUENCES FOR DETECTION AND IDENTIFICATION OF METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) OF MREJ TYPE XXI

(51) International classification :C12Q1/68,C07H21/04,C12N15/31
(31) Priority Document No :61/621368
(32) Priority Date :06/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000900
Filing Date :14/03/2013
(87) International Publication No :WO 2013/150376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GENEOHM SCIENCES CANADA, INC.
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4ieme Etage, Sainte-Foy, QC G1V 2K8 Canada
(72)Name of Inventor :
1)MENARD, Christian
2)ROGER- DALBERT, Celine

(57) Abstract :

Provided herein are compositions and methods for the detection and identification of Staphylococcus aureus strains harboring polymorphic SCCmec right extremity (MREP) type xxi sequences

No. of Pages : 91 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9202/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SESSION BASED NETTRACE AND TEST CALL

(51) International classification	:H04L29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2012/059058
Filing Date	:15/05/2012
(87) International Publication No	:WO 2013/170889
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :SE-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)FORSBERG, Mikael

(57) Abstract :

Methods and apparatus are provided for performing a trace session between a first user equipment (UE) and a second UE in a telecommunications network including an IMS network. A trace session initiator activates the trace session with an activation request message or a SI P I NVITE message including trace settings comprising informational elements describing the trace session. The activation message may be converted into the SIP I NVITE message and sent towards the first and/or the second U E. The SI P I NVITE message may include trace settings as extensible mark up language XML informational elements within the body of the SIP INVITE request message and/or as request Uniform Resource Identifier informational elements within the SI P I NVITE request message. Network elements in the communications path between the UEs are configured to detect the trace session by detecting the trace settings in the SIP I NVITE request message and act accordingly. This provides the advantages of reduced network load in the network and network elements and removal of network configuration as all the required information is included in the signaling.

No. of Pages : 76 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9203/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOCK FOR A FLAP OR DOOR

(51) International classification :E05B65/12
(31) Priority Document No :10 2012 207 443.0
(32) Priority Date :04/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000244
Filing Date :02/05/2013
(87) International Publication No :WO 2013/163981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Germany
(72)Name of Inventor :
1)BENDEL, Thorsten
2)HANDKE, Armin
3)SOHLBACH, Andreas
4)OCHTROP, Matthias

(57) Abstract :

The invention relates to a lock for a door or flap comprising a locking mechanism that consists of a rotary latch (1) and at least one pawl (2) for locking the rotary latch (1) the rotary latch (1) when in the detent position preferably initiating an opening moment in the pawl (2). The design of the rotary latch (1) is such that said latch is deformed under excessive stress in the locked state in such a way that an engagement between the pawl (2) and the rotary latch (1) is maintained or increases. A lock of this type will not open even under excessive stress.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9180/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR REMOVAL OF SOLID NON- FIBROUS MATERIAL FROM PULP

(51) International classification :D21C9/18,D21D5/24
(31) Priority Document No :12503366
(32) Priority Date :03/04/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/056557
Filing Date :27/03/2013
(87) International Publication No :WO 2013/149913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :6C, rue Gabriel Lippman, L-5365
Munsbach Luxembourg
(72)Name of Inventor :
1)CALDEMAN Sven
2)NILSSON Kennet

(57) Abstract :

The present invention relates to a process for removal of solid non fibrous material from an aqueous pulp suspension comprising providing an aqueous pulp suspension comprising solid non fibrous material removing at least part of the solid non fibrous material from the aqueous pulp suspension thereby forming an aqueous pulp suspension depleted in solid non fibrous material dewatering the aqueous pulp suspension depleted in solid non fibrous material thereby forming a web comprising cellulose containing fibres and a filtrate comprising residual solid non fibrous material removing at least part of the residual solid non fibrous material from the filtrate thereby forming a filtrate depleted in residual solid non fibrous material and an aqueous stream comprising at least part of the removed residual solid non fibrous material and diluting the aqueous pulp suspension and/or the aqueous pulp suspension depleted in solid non fibrous material with at least part of the filtrate depleted in residual solid non fibrous material whereby the aqueous stream comprising at least part of the removed residual solid non fibrous material is purged from the system.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9181/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND TERMINAL DEVICE

(51) International classification :H04W72/04,H04W16/30,H04W16/32
(31) Priority Document No :2012108874
(32) Priority Date :10/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056993
Filing Date :13/03/2013
(87) International Publication No :WO 2013/168467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Japan
(72)Name of Inventor :
1)TAKANO Hiroaki
2)MIZUSAWA Nishiki

(57) Abstract :

There is provided a communication control device provided with: a wireless communication unit for communicating with one or more terminal devices in a cell over a channel capable of dynamically configuring a link direction for each subframe which is a unit of time in wireless communications; and a control unit for controlling the allocation of communication resources to the terminal device on the basis of the configuration of the channel link direction and the location of the terminal device in the cell.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9182/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PROJECTION OR BACK- PROJECTION ONTO GLASS COMPRISING A TRANSPARENT LAYERED ELEMENT HAVING DIFFUSE REFLECTION PROPERTIES

(51) International classification	:G03B21/60
(31) Priority Document No	:1254850
(32) Priority Date	:25/05/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/051122
Filing Date	:23/05/2013
(87) International Publication No	:WO 2013/175129
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)EHRENSPERGER Marie- Virginie
2)GAYOUT, Patrick
3)MIMOUN, Emmanuel
4)SANDRE-CHARDONNAL, Etienne

(57) Abstract :

The invention relates to a projection or back projection method comprising the use of glass having two main external surfaces used as a projection or back projection screen and a projector. The method consists in using the projector to project images that can be seen by spectators on one of the sides of the glass. The glass comprises a transparent layered element having diffuse reflection properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9206/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SECURE PAGING

(51) International classification :H04W12/10,H04W68/00,H04L9/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/SE2012/050517
Filing Date :15/05/2012
(87) International Publication No :WO 2013/172750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)LARMO, Anna
4)SLAVOV, Kristian
5)NORRMAN, Karl

(57) Abstract :

There is described a device for communicating with a network. The device receives a series of paging messages from a serving node in the network where each paging message includes identification and authentication information sufficient to identify at least one device and authenticate the message at least some of the information having been protected according to a sequence such that it varies between successive paging messages. The device verifies the protected part of the information using a cryptographic function and knowledge of the sequence and identifies whether the information indicates that message is an authentic message intended for that device. The device may act in response to the received paging message.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9207/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOCK FOR A FLAP OR DOOR

(51) International classification	:E05B65/12
(31) Priority Document No	:10 2012 207 440.6
(32) Priority Date	:04/05/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2013/000243
Filing Date	:02/05/2013
(87) International Publication No	:WO 2013/163980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Germany

(72)Name of Inventor :

1)SCHOLZ, Michael

2)HANDKE, Armin

3)HERRMANN, Michael

4)BARTH, Karsten

(57) Abstract :

The invention relates to a door lock or flap lock comprising a locking mechanism that consists of a latch (1) and at least one pawl (2) for locking the latch (1). The locking surface of the pawl is so narrow that even slight pivoting movements are sufficient to unlock a locked locking mechanism thus allowing for a reduction in volume and weight.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9208/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTENNA DEVICE AND METHOD FOR ATTACHING ANTENNA DEVICE

(51) International classification :H01Q1/12,H01Q1/42,H01Q1/52	(71)Name of Applicant :
(31) Priority Document No :2012106616	1)NEC CORPORATION
(32) Priority Date :08/05/2012	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country :Japan	1088001 Japan
(86) International Application No :PCT/JP2013/000029	(72)Name of Inventor :
Filing Date :09/01/2013	1)TAKAHASHI Yoshihide
(87) International Publication No:WO 2013/168319	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

An antenna device, provided with: a wireless device for generating radio waves for transmission or reception; a primary radiator for radiating the radio waves generated by the wireless device or feeding the reception radio waves to the wireless device; a parabolic reflector for reflecting the radio waves radiated by the primary radiator or radio waves from the outside; a shroud for shielding unnecessary radio waves from amongst radio waves radiated by the primary radiator and reflected by the parabolic reflector or radio waves radiated on the parabolic reflector from the outside; and an antenna mounting mechanism for mounting the parabolic reflector onto an antenna attachment pole. The shroud is disposed so as to cover at least the left and right sides of the parabolic reflector, and the wireless device and the primary radiator are arranged on the inside of the shroud. The antenna mounting mechanism mounts the parabolic reflector on the antenna attachment pole so that the antenna attachment pole is positioned at the laterally central position of the parabolic reflector.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.882/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SURGICAL ACCESS DEVICES WITH SORBENTS

(51) International classification :A61B 17/34

(31) Priority Document No :12/533,590

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/US2010/042765

Filing Date :21/07/2010

(87) International Publication No :WO 2011/014349

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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4)DANIEL J. MUMA W

5)REBECCA J. MOLLERE

6)RANDALL TANGUAY

7)PAUL T. FRANER

(57) Abstract :

The present invention generally provides methods and devices for removing fluid from a surgical instrument. Surgical access devices and seal systems are generally provided having one or more valves or seal assemblies to create a closed system between the outside environment and the environment in which the surgical access device is being inserted. The devices of systems can also include a fluid remover in the form of a sorbent element, a scraper element, a wicking element, or any combination thereof that is configured to remove fluid from a working channel of the device or system and/or from a surgical instrument inserted therethrough.

No. of Pages : 82 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9218/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SELF RESETTING PEST TRAP

(51) International classification :A01M23/04

(31) Priority Document No :2012902077

(32) Priority Date :21/05/2012

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2013/000524

Filing Date :21/05/2013

(87) International Publication No :WO 2013/173866

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PINDER Daryl

(57) Abstract :

A trap for assisting in controlling pest populations, in particular rodents, and especially rats and/or mice, including: a lower housing, and a false floor including a trapdoor, and a ramp, wherein the lower housing has a lower end that sits on the ground and an upper end. The false floor is attached to the upper end of the lower housing. The trapdoor is triggered to suddenly collapse when the rodent places a sufficient amount of its body weight onto the trapdoor. The ramp leads up from ground level to the false floor so that when in use, a suitable liquid or gas is contained within the lower housing and a suitable bait is placed on the false floor to attract a rodent and maneuver it onto the trapdoor. The rodent is able to easily climb up to the false floor by way of the ramp, and when the rodent moves towards the bait, and places sufficient weight upon the trapdoor, the trapdoor suddenly collapses under it, thereby causing it to drop into the lower housing, wherein the rodent drowns in the liquid, or suffocates in the gas.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9221/DELNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : 5-[[4-[[MORPHOLIN-2-YL]METHYLAMINO]-5-(TRIFLUOROMETHYL)-2-PYRIDYL]AMINO]PYRAZINE-2-CARBONITRILE AND THERAPEUTIC USES THEREOF

(51) International classification :C07D401/12,A61K31/506,A61P35/00
(31) Priority Document No :61/647200
(32) Priority Date :15/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/051233
Filing Date :14/05/2013
(87) International Publication No :WO 2013/171470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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3)FARIA DA FONSECA MCHARDY, Tatiana
4)OSBORNE, James
5)LAINCHBURY, Michael
6)WALTON, Michael Ian
7)GARRETT, Michelle Dawn

(57) Abstract :

The present invention pertains generally to the field of therapeutic compounds. More specifically the present invention pertains to 5-[[4- [[morpholin-2 -yl]methylamino] -5- (trifluoro - methyl)-2-pyridyl]amino]pyrazine-2-carbonitrile compounds (referred to herein as TFM compounds) which, inter alia, inhibit Checkpoint Kinase 1 (CHK1) kinase function. The present invention also pertains to pharmaceutical compositions comprising such compounds, and the use of such compounds and compositions, both in vitro and in vivo, to inhibit CHK1 kinase function, and in the treatment of diseases and conditions that are mediated by CHK1, that are ameliorated by the inhibition of CHK1 kinase function, etc., including proliferative conditions such as cancer, etc., optionally in combination with another agent, for example, (a) a DNA topoisomerase I or II inhibitor; (b) a DNA damaging agent; (c) an antimetabolite or a thymidylate synthase (TS) inhibitor; (d) a microtubule targeted agent; (e) ionising radiation; (f) an inhibitor of a mitosis regulator or a mitotic checkpoint regulator; (g) an inhibitor of a DNA damage signal transducer; or (h) an inhibitor of a DNA damage repair enzyme.

No. of Pages : 68 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9236/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SERVICE PERFORMANCE FEEDBACK IN A RADIO ACCESS NETWORK

(51) International classification	:H04W28/04
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/EP2012/058691
Filing Date	:10/05/2012
(87) International Publication No	:WO 2013/167192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG, Yi
2)SEBIRE Benoist Pierre

(57) Abstract :

A technique comprising: transmitting from an access node of an access network an instruction to transmit one or more decoding performance reports relating exclusively to a specific type of service, which decoding performance report comprises information about the result of one or more attempts to decode at a communication device one or more transmissions via which said specific type of service is provided.

No. of Pages : 25 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9276/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTEGRITY TESTING APPARATUS AND RELATED METHODS

(51) International classification :G01M3/00,G01M3/02,G01M3/26
(31) Priority Document No :61/717959
(32) Priority Date :24/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066614
Filing Date :24/10/2013
(87) International Publication No :WO 2014/066637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TERENTIEV Sergey
3)PETHE Vishwas
4)PAGANELLI Anthony
5)BHELLA Richard

(57) Abstract :

Apparatus and methods are provided for the integrity testing of objects. One apparatus comprises a container forming a test chamber for receiving the vessel and a spacer for separating the vessel from a surface of the test chamber while constraining the ability of the vessel to inflate. Another apparatus comprises a connector including a film for connecting to a port. The use of a base level of a detectable gas in a test chamber is also proposed. Related methods are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9278/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF INSTALLING A MACHINE IN AN ELEVATOR SYSTEM

(51) International classification :B66B11/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/036113

Filing Date :02/05/2012

(87) International Publication No :WO 2013/165411

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BRUNO Gilles

2)GREUIN Jacques

3)HAMON Fabrice

4)BARTON Michael John

5)GOUSSOT Jean Louis

6)LASSEN Uwe

(57) Abstract :

A method for installing an elevator drive machine in a machine room less elevator system is provided. A drive machine assembly is fastened to a counterweight. The counterweight is then lifted vertically along a set of counterweight guide rails to the top of the hoistway. There the drive machine assembly is mounted to the ends of the counterweight guide rails. Once in place the drive machine assembly is then disconnected from the counterweight.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9279/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GYPSUM COMPOSITION FOR REFRACTORY MOULDS

(51) International classification	:C04B28/14,B22C1/18	(71)Name of Applicant :
(31) Priority Document No	:1254957	1)SAINT GOBAIN PLACO
(32) Priority Date	:30/05/2012	Address of Applicant :34 Avenue Franklin Roosevelt F 92282
(33) Name of priority country	:France	SURESNES Cedex France
(86) International Application No	:PCT/FR2013/051169	(72)Name of Inventor :
Filing Date	:27/05/2013	1)RETOT H"ne
(87) International Publication No	:WO 2013/178923	2)PETIGNY Nathalie
(61) Patent of Addition to Application Number	:NA	3)FOURDRIN Emmanuel
Filing Date	:NA	4)THIOLIERE Stphane
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a mineral composition for preparing foundry moulds comprising (a) from 20 to 90 % by weight of gypsum (b) from 10 to 80 % by weight of a mineral component made from silica and/or alumina and (c) from 0.5 to 4.8 % and preferably from 1.5 to 4.5% by weight and in particular between 2 and 4.5 % by weight of a mineral powder having a thermal conductivity (η) at 20 °C greater than 15W/(m.K) and a specific surface area greater than 10 m/g these percentages being relative to the total weight of the sum of components (a) (b) and (c).

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7638/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING DIMETHYL CARBONATE

(51) International classification	:C07C29/128, C07C68/06
(31) Priority Document No	:60/890,288
(32) Priority Date	:16/02/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/050570
Filing Date	:15/02/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4652/DELNP/2009
Filed on	:15/02/2008

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2)FILLION Benoit
3)MURTHY Vutukuru
4)NAIR Vinod
5)PEREZ COLLADO Mario

(57) Abstract :

The present invention provides methods of forming dialkyl carbonate wherein catalyst buildup in the reaction equipment, the separation equipment, and transfer lines there between is reduced and even eliminated. In one embodiment, the method includes introducing alkanol, carbon monoxide, oxygen, and a catalyst to a reactor having a gaseous head space and a liquid body space. The reactor is operated under conditions to form dialkyl carbonate and water. A product stream containing dialkyl carbonate, water, and residual reactants is removed from the head space of the reactor and introduced to a cyclone with a flushing stream. A liquid bottom stream is captured from the cyclone and introduced to the reactor. The gaseous top stream contains product dialkyl carbonate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTICAL FIBER RIBBON STACK CABLE

(51) International classification	:G02B 6/44
(31) Priority Document No	:61/230,452
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043222
Filing Date	:26/07/2010
(87) International Publication No	:WO 2011/014452
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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4)DAVID A. SEDDON

(57) Abstract :

Cables have reduced freespace, reduced tube diameters, and reduced strength member diameters. The cables are designed to pass robustness testing such as GR-20 while using smaller amounts of raw materials to produce.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9300/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CROSSTALK SUPPRESSION IN A DIRECTIONAL BACKLIGHT

(51) International classification :G02F1/13357,F21S2/00,F21V8/00
(31) Priority Document No :61/648942
(32) Priority Date :18/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041228
Filing Date :15/05/2013
(87) International Publication No :WO 2013/173507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HARROLD Jonathan
4)SHARP Gary D.
5)SCHUCK Miller H.

(57) Abstract :

Disclosed is a light guiding valve apparatus including a light valve a two dimensional light emitting element array and an input side arranged to reduce light reflection for providing large area directional illumination from localized light emitting elements with low cross talk. A waveguide includes a stepped structure in which the steps may include extraction features hidden to guided light propagating in a first forward direction. Returning light propagating in a second backward direction may be refracted or reflected by the features to provide discrete illumination beams exiting from the top surface of the waveguide. Stray light falling onto a light input side of the waveguide is at least partially absorbed.

No. of Pages : 101 No. of Claims : 90

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD •

(51) International classification	:G07D7/12, G07D7/20,	(71)Name of Applicant :
(31) Priority Document No	:2012-044009	1)SONY CORPORATION
(32) Priority Date	:29/02/2012	Address of Applicant :1-7-1 Konan, Minato-ku, Tokyo
(33) Name of priority country	:Japan	1080075, Japan
(86) International Application No	:PCT/JP2013/054126	(72)Name of Inventor :
Filing Date	:20/02/2013	1)JUNICHI TANAKA
(87) International Publication No	: NA	2)YOSHITAKA MORIGAMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:7042/DELNP/2014	
Filed on	:21/08/2014	

(57) Abstract :

An image processing device comprising: a setting unit configured to set a replacement difference coefficient that is a difference between a replacement coefficient and a coefficient located at the beginning of a quantization matrix whose size is limited to not greater than a transmission size that is a maximum size allowed in transmission, the replacement coefficient being used to replace a coefficient located at the beginning of an up-converted quantization matrix which is obtained by up-converting the quantization matrix to the same size as a block size that is a unit of processing in which dequantization is performed; a quantization unit configured to quantize an image to generate quantized data; and a transmission unit configured to transmit encoded data obtained by encoding the quantized data generated by the quantization unit, replacement coefficient data obtained by encoding the replacement coefficient, and replacement difference coefficient data obtained by encoding the replacement difference coefficient set by the setting unit.

No. of Pages : 263 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9260/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MANUFACTURE OF 1-SUBSTITUTED METHYLIDENE COMPOUNDS

(51) International classification :C07C67/343,C07C69/738
(31) Priority Document No :12168163.9
(32) Priority Date :16/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059526
Filing Date :07/05/2013
(87) International Publication No :WO 2013/171102
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JAUNZEMS, Janis

(57) Abstract :

Compounds of the formula (I) wherein R₂ , A are certain substituents, Y is an ester group, a nitrile group or an amido group and Z is O , S or N+R₂, and which compounds are for example, useful as intermediates for pyrazole fungicides, can be prepared by the reaction of a compound of formula R₂- C(O)-CH₂Y. with an orthoformate HC- (OR₃)₃ in the presence of a base, especially in the presence of an amine, e.g. triethylamine

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9261/DELNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : NUCLEASE MEDIATED TARGETING WITH LARGE TARGETING VECTORS

(51) International classification :C12N15/85,C12N15/90,C07K14/715
(31) Priority Document No :61/638267
(32) Priority Date :25/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/038165
Filing Date :25/04/2013
(87) International Publication No :WO 2013/163394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VALENZUELA David M.
4)YANCOPOULOS George D.
5)NA

(57) Abstract :

Compositions and methods are provided for making one or more targeted genetic modifications at a target genomic locus by employing homologous recombination facilitated by single or double- strand break at or near the target genomic locus. Compositions and methods for promoting efficiency of homologous recombination between an LTVEC and a target genomic locus in prokaryotic or eukaryotic cells using engineered nucleases are also provided.

No. of Pages : 56 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9297/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : POLYPEPTIDE LOADED POCA NANOPARTICLES FOR ORAL ADMINISTRATION

(51) International classification :A61K38/22,A61K38/26,A61K9/51
(31) Priority Document No :61/647633
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000964
Filing Date :16/05/2013
(87) International Publication No :WO 2013/171570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)CLEVELAND Sean Matthew
2)PAULIK Mark Andrew
3)SALOMON Stefan

(57) Abstract :

The disclosure relates to nanoparticles comprising poly(octylcyanoacrylate) for oral administration of a biologically active polypeptide in particular a metabolic peptide such as exendin 4. Also disclosed are methods of producing such nanoparticles pharmaceutical compositions comprising such nanoparticles and methods of treating metabolic disorders such as obesity using such nanoparticles.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9298/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : WIDE ANGLE IMAGING DIRECTIONAL BACKLIGHTS

(51) International classification :G02B6/10,G02F1/13357
(31) Priority Document No :61/648840
(32) Priority Date :18/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041235
Filing Date :15/05/2013
(87) International Publication No :WO 2013/173513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ROBINSON Michael G.

2)WOODGATE Graham J.

3)HARROLD Jonathan

4)SCHUCK Miller H.

(57) Abstract :

An imaging directional backlight apparatus including a waveguide a light source array for providing large area directed illumination from localized light sources. The waveguide may include a stepped structure in which the steps may further include extraction features optically hidden to guided light propagating in a first forward direction. Returning light propagating in a second backward direction may be refracted diffracted or reflected by the features to provide discrete illumination beams exiting from the top surface of the waveguide. Viewing windows are formed through imaging individual light sources and hence defines the relative positions of system elements and ray paths. The uncorrected system creates non illuminated void portions when viewed off axis preventing uniform wide angle 2D illumination modes. The system may be corrected to remove this non uniformity at wide angles through the introduction of additional sources away from the system s object plane additional imaging surfaces and/or by altering ray paths.

No. of Pages : 122 No. of Claims : 109

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9299/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : POLYSILICATE POLYSILICONE ENZYME IMMOBILIZATION MATERIALS

(51) International classification :C12N11/08,C12M1/40,C12Q1/34

(31) Priority Document No :61/621280

(32) Priority Date :06/04/2012

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

(86) International Application No :PCT/US2013/032261

Filing Date :15/03/2013

(87) International Publication No :WO 2013/151757

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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6)LINDER Alexander J.

7)DUESING Caroline M.H.

(57) Abstract :

The present invention generally relates to improvements in enzyme immobilization particularly for use in the field of carbon dioxide capture and sequestering. It has been discovered that the utilization of sol gel processes to immobilize enzymes in polysilicate polysilicone copolymer coatings and particles and the deposition of these coatings on solid state supports or use of suspensions of these particles provides significant benefits for use in industrial applications involving enzymatic catalysts.

No. of Pages : 103 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9281/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : EVAPORATIVE THERAPEUTIC HYPOTHERMIA DEVICE

(51) International classification :A61G11/00,A61H39/06,A61F7/00
(31) Priority Document No :61/621697
(32) Priority Date :09/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/035729
Filing Date :09/04/2013
(87) International Publication No :WO 2013/155044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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11)YAZDI Youseph

12)AMMANUEL Simon

13)BUCHBINDER Nathan

(57) Abstract :

The present invention provides a low cost low power therapeutic hypothermia device for use in developing nations. The device includes a first and second receptacle separated by a space filled with a porous material such as sand. A cooling chemical can also be added to the porous material in order to speed cooling. Water is added to the porous material and a neonate is placed into the device for therapeutic hypothermia treatment. The neonate is monitored carefully using temperature sensors and a feedback system integrated into the device. Cooling can be modulated and/or warming commenced by adding Styrofoam blocks to raise the neonate off the surface of the device.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9282/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CUTTING SYSTEM FOR HARVESTERS AND HARVESTER

(51) International classification :A01D45/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/BR2012/000097
Filing Date :09/04/2012
(87) International Publication No :WO 2013/152405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MELLO Maurilio de Oliveira

(57) Abstract :

The present invention relates to harvesters and more particularly to harvesters for more than one plant row. In this context the present invention aims at providing a system for harvesters that allows cutting more than one plant row simultaneously. For this purpose a cutting system for harvesters is proposed comprising at least two row separators (6) and at least two cutting elements (16) each of the at least two cutting elements (16) being located on the structure of each of the at least two line separators (6). The present invention further provides a harvester comprising this system.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9283/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HOOP FOR A HYDROSTATIC OR HYDRODYNAMIC BEARING METHOD FOR MOUNTING SUCH A HOOP ON A SHAFT AND ASSEMBLY FORMED BY SUCH A HOOP AND A SHAFT

(51) International classification :F16B31/04,F16B35/06,F16C17/02
(31) Priority Document No :1253442
(32) Priority Date :13/04/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/057663
Filing Date :12/04/2013
(87) International Publication No :WO 2013/153194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)CHABERT Lucas

(57) Abstract :

The invention relates to a hoop (120) comprising: a cylinder (200) which so that it can be mounted around a shaft is formed by multiple parts (202, 203) that are assembled together using assembly means that can produce an assembly without deformation of an external surface of the cylinder; and a ring (300) of which an external surface forms the internal surface of the bearing and which so that it can be secured to the external wall of the cylinder is formed by multiple elements (302,303) that are secured to the cylinder by securing means that can maintain a machining tolerance of the external surface of the ring.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9284/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUPPORT SYSTEM FOR AN EQUIPMENT ITEM ON A CONCRETE SLAB

(51) International classification:B23Q1/00,E02D27/44,E04G21/18

(31) Priority Document No :1253591

(32) Priority Date :19/04/2012

(33) Name of priority country :France

(86) International Application
No :PCT/EP2013/058216

Filing Date :19/04/2013

(87) International Publication
No :WO 2013/156616

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)LAFFONT Patrick

(57) Abstract :

A support system for an equipment item (1) on a concrete slab (2) comprises at least one raised block (31,32) relative to the slab (2) and of a single piece with the slab (2). The block (31,32) comprises a metal belt (310) delimiting the vertical walls of the block (31,32) and a metal support (35,35) fastened to the belt (310) and capping the block to receive a foot (11,12) of the equipment item (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9287/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CEMENT COMPOSITIONS COMPRISING SAPONINS AND ASSOCIATED METHODS

(51) International classification :C09K8/467

(31) Priority Document No :13/485269

(32) Priority Date :31/05/2012

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

(86) International Application No :PCT/US2013/043478

Filing Date :30/05/2013

(87) International Publication No :WO 2013/181468

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)PEWITT Keith D.

2)BRENNEIS D. Chad

3)KARCHER Jeffery D.

(57) Abstract :

A variety of methods and compositions are disclosed including in one embodiment a method of cementing in a subterranean formation comprising: introducing a cement composition into a subterranean formation wherein the cement composition comprises cement water and a saponin; and allowing the cement composition to set in the subterranean formation.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9321/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CARBOXYLIC ACID SALT REMOVAL DURING HYDRATE INHIBITOR RECOVERY

(51) International classification :B01D9/00,C10L3/10,E21B43/34
(31) Priority Document No :20120547
(32) Priority Date :11/05/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/IB2013/053617
Filing Date :06/05/2013
(87) International Publication No :WO 2013/168077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)DESHMUKH Salim

(57) Abstract :

A method and system for precipitation and separation of carboxylic acid salts from a hydrate inhibitor solution is disclosed. The method comprises lowering the solubility of the carboxylic acid salts to force precipitation of carboxylic acid salts and separation of the precipitated carboxylic acid salts from the hydrate inhibitor solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9322/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM METHOD AND COMPUTER PROGRAM PRODUCT FOR PROTOCOL ADAPTATION

(51) International classification :H04L29/06,H04L29/08	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden
(31) Priority Document No :NA	(72) Name of Inventor :
(32) Priority Date :NA	1)YASUKAWA Kenta
(33) Name of priority country :NA	2)GOLD Richard
(86) International Application No :PCT/SE2012/050497	
Filing Date :10/05/2012	
(87) International Publication No :WO 2013/169156	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A method in a protocol adaptor system (100) for enabling a newly connected device (140) to communicate with a generic application (150) in a communications network where the generic application (150) uses a generic protocol. The method comprises detecting that the device (140) is unsupported by a specific protocol and that the device uses a variant of the specific protocol in the system. The method further comprises determining a new fragment required for communication adaptation of said specific protocol. The method further comprises retrieving the new fragment needed for adaptation of the specific protocol to said variant. The method further comprises installing the fragment in the specific protocol thereby enabling said communication between the generic application (150) and the newly connected device (140).

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9323/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRODE FOR LITHIUM ION SECONDARY BATTERY AND LITHIUM ION SECONDARY BATTERY USING SAID ELECTRODE

(51) International classification :H01M4/13,H01M4/36,H01M4/505
(31) Priority Document No :2012124908
(32) Priority Date :31/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/063891
Filing Date :20/05/2013
(87) International Publication No :WO 2013/179924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)YANAGI Shigenari
3)NAKAMURA Kenzo
4)TSUCHIYA Shin

(57) Abstract :

This electrode for a lithium ion secondary battery is provided with: an electrode film containing a conductive auxiliary a binder and an active material; and an electrode foil on the surface of which the electrode film is formed. The conductive auxiliary is carbon nanofibers and 0.1 3.0 mass% of the carbon nanofibers is included relative to 100 mass% of the electrode film. When the binder uses an organic solvent as a solvent 1.0 8.0 mass% of the binder from which the organic solvent has been removed is included relative to 100 mass% of the electrode film. The active material constitutes the remaining percentage. The active material comprises a mixed powder of rough powder having an average particle diameter of 1 20µm and fine powder having an average particle diameter 1/3 1/10 of the average particle diameter of the rough powder. The void fraction of the electrode film is 10 30%.

No. of Pages : 67 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9325/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THIEF HATCH

(51) International classification	:B65D90/10,B65D90/34
(31) Priority Document No	:61/621235
(32) Priority Date	:06/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/035434
Filing Date	:05/04/2013
(87) International Publication No	:WO 2013/152282
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)JONES, George Donald

3)BOWYER, JR., Johnny Marvin

(57) Abstract :

Embodiments of the present disclosure are directed towards a venting hatch (14) having a base (50) configured to couple to a storage container (12) wherein the base (50) comprises a central opening (114) configured to be exposed to an opening of the storage container (12) a cap (52) coupled to the base (50) a seal (61) disposed between the base (50) and the cap (52) and an actuating mechanism (54) configured to exert a biasing force on the seal (61) to bias the seal (61) against an annular lip (62) of the base (50) wherein the actuating mechanism (54) is disposed on an exterior surface of the cap (52).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9319/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOINJECTOR

(51) International classification	:A61M5/20
(31) Priority Document No	:1254857
(32) Priority Date	:25/05/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/051136
Filing Date	:24/05/2013
(87) International Publication No	:WO 2013/175136
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MANSENCAL Antoine
3)WALTER Matthieu

(57) Abstract :

The invention relates to an auto injector that receives a pre filled syringe said auto injector comprising a central body (1) and an actuator sleeve (11) provided with one end that is intended to come into contact with the user. According to the invention the actuator sleeve (11) can be moved between projecting and actuation positions and it is in the projecting position prior to and following the actuation of the auto injector. Injection means (5,8) are provided to inject the product when the needle is inserted into the user s body. The auto injector also comprises a barrel movement device (2,4,9) in order to (i) move the needle into the injection position and (ii) retract the needle from the body following injection. The movement device includes a control ring (2) rotatably mounted in the central body (1) said ring (2) comprising an inclined internal profile (24) that engages with an internal projection (44) of a control sleeve (4) that can move axially in the central body (1) such that the sleeve (4) moves axially when the ring (2) is rotated.

No. of Pages : 72 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9330/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR CONTROLLING THE TEMPERATURE IN THE COMBUSTION FURNACE OF A CLAUS UNIT

(51) International classification	:C01B17/04,C21B13/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 007 161.2	1)THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
(32) Priority Date	:12/04/2012	Address of Applicant :ThyssenKrupp Allee 1 45143 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/000912	(72)Name of Inventor :
Filing Date	:27/03/2013	1)THIELERT, Holger
(87) International Publication No	:WO 2013/152831	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for reducing the nitrogen content in the oxygen containing oxidation gas of a Claus unit by means of which control of the temperature in the combustion furnace of a Claus unit can be achieved in that a sulphur containing acid gas is burnt in a Claus combustion furnace with the result that a sulphur dioxide containing product gas is obtained from which a partial stream is drawn off which is returned to the oxygen containing oxidation gas on the basis of a measured value with the result that an undesired increase in temperature in the combustion furnace can be avoided when an acid gas which is very rich in sulphur is fed for a certain time into the combustion furnace of a Claus unit and at the same time a reduction in the nitrogen content in the Claus residual gas is achieved. The invention further relates to the use of a technical gas which has been freed from the sulphur-containing acid gas by gas scrubbing wherein said sulphur containing acid gas has been transformed to sulphur using the claimed method for the production of direct reduced iron.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9331/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING BRANCH CIRCUIT CURRENT

(51) International classification :G01R19/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/033258

Filing Date :12/04/2012

(87) International Publication No :WO 2013/154563

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DEOKAR, Vishwas, Mohaniraj

2)MEARNS, Brian, Patrick

3)ORNER, Bre,t Alan

(57) Abstract :

According to one aspect embodiments of the invention provide a system monitor for a load center comprising a current sensor configured to be coupled to a circuit branch within the load center and to produce a measurement signal having a level related to a current level of the circuit branch, a sensor circuit coupled to the current sensor and removably coupled to a terminal, the sensor circuit configured to provide the measurement signal to the terminal and a controller coupled to the terminal and configured to monitor signals at the terminal, wherein the controller is further configured to detect disconnection of the current sensor from the terminal based on a signal level at the terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9307/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STORAGE STRUCTURE FOR SADDLED VEHICLE

(51) International classification :B62J9/00,B62K11/06
(31) Priority Document No :2012126281
(32) Priority Date :01/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/064974
Filing Date :30/05/2013
(87) International Publication No :WO 2013/180199
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NISHIGUCHI Masaki

(57) Abstract :

A saddled vehicle has: a vehicle body frame (2) which is provided with a main frame a pair of left and right rear frames and a pair of left and right sub frames; a seat on which the rider sits; and a storage box which is provided to the vehicle body frame at a position below the seat and which stores articles such as a battery and a helmet. The battery is positioned in the lowermost part of the storage box along the lower part of the inner rear wall surface of the storage box and the battery is disposed in such a manner that a line normal to the upper surface thereof which is provided with electrode terminals tilts toward the rear of the vehicle and is parallel to the sub frame in a side view of the vehicle. As a result of this configuration a storage space within the storage box can be efficiently ensured and the insertion and extraction of an article such as a helmet into and out of the storage space are facilitated.

No. of Pages : 65 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L13/22

(31) Priority Document No :10/601,106

(32) Priority Date :20/06/2003

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

(86) International Application No :PCT/US2004/019541

Filing Date :18/06/2004

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :5305/DELNP/2005

Filed on :18/06/2004

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(72)Name of Inventor :

1)HOHLBEIN Douglas J.

(57) Abstract :

An oral care implement with a handle includes a head with a tissue cleanser. The tissue cleanser may be a pad composed of an elastomeric material. The pad is disposed on the head on a surface opposite the tooth cleaning elements. The tissue cleanser may include a plurality of nubs extending for cleaning between the papillae of the tongue. The tissue cleanser may include a plurality of conically shaped nubs. A tissue cleanser can be used to reduce oral epithelial cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9164/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRONIC PAPER CONTROLLING APPARATUS AND METHOD THEREOF

(51) International classification :G06F13/00,G09G3/34,G06F3/00
(31) Priority Document No :1020120036404
(32) Priority Date :07/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002858
Filing Date :05/04/2013
(87) International Publication No :WO 2013/151377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Suwon-si, Gyeonggi-do 443-742 Republic of Korea
(72)Name of Inventor :
1)JUNG, Ji- hyun
2)LEE, Chang, soo

(57) Abstract :

Provided is an electronic paper controlling apparatus and control method thereof for reading or writing ID information of an electronic paper connected to the electronic paper controlling apparatus through an interface of the electronic paper controlling apparatus and communicating with the electronic paper, based on the ID information.

No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9165/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONSUMER PRODUCT PACKAGE

(51) International classification :B65D77/26,B65D25/10,B65D21/02

(31) Priority Document No :61/640751

(32) Priority Date :01/05/2012

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

(86) International Application No :PCT/US2013/038998

Filing Date :01/05/2013

(87) International Publication No :WO 2013/166102

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE GILLETTE COMPANY

Address of Applicant :World Shaving Headquarters, IP/Legal Patent Department- 3E, One Gillette Park, Boston, Massachusetts 02127 U.S.A.

(72)Name of Inventor :

1)DOHERTY Robert Charles

2)SENNETT, Richard, Kevin

3)CHEN, Shu

(57) Abstract :

A consumer product package comprising a tub (372) comprising a base and a perimeter wall defining a cavity, the base comprising at least two projections (373, 374) extending from the base within the cavity, the at least two projections (373, 374) spaced apart from the perimeter wall; and a consumer product disposed within the cavity such that each of the at least two projections define a recessed portion to receive the consumer product, wherein the base comprises a secondary projection (376) having a height different than a height of each of the at least two projections (373, 374), the secondary projection free of contact from the consumer product.

No. of Pages : 40 No. of Claims : 10

(54) Title of the invention : COMPLETELY REDUNDANT EARTH FAULT PROTECTION SYSTEM FOR STATOR WINDINGS OF GENERATOR

(51) International classification :G01R31/34,
G05B9/03
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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MUMBAI 400 013, MAHARASHTRA, INDIA

(72)**Name of Inventor :**
1)JAGADISH SALIGRAM
2)UMMADISINGU GOPALAKRISHNA

(57) Abstract :

The present invention provides a completely redundant earth fault protection system for stator windings of an electrical power generator. The earth fault protection system comprises a neutral earthing transformer (032) connected to the generator, a plurality of signal generators (033-1, 033-2) for generating voltage signals of predetermined waveform and magnitude connected to secondary winding of the neutral earthing transformer (032), a plurality of numerical multifunction generator protection relays (036-1, 036-2) for protection of said power generator supplied with the voltage signals, and current signals corresponding to the currents driven by the voltage signals on occurrence . of an earth fault, which are processed therein, a plurality of detectors coupled with the individual signal generators (033-1, 033-2), and each of coupled detector and signal generator are designed with filters and tuned to signals so that said detectors respond only to the signals generated by said signal generators coupled with respective detectors. On occurrence of said earth fault in any of said three-phase windings (031A, 031B, 031C), a fault current flows from the point of fault to the neutral end through earth and primary winding of the said neutral earthing transformer (032), a current driven by the voltage signal also flows and is superposed over the fault current, the magnitude of said superposed current is determined by the magnitude of the injected voltage signal and impedance of the path of superposed current flow, each of said detectors are supplied with both injected voltage signals and signals corresponding to the respective superposed currents, said superimposed currents are extracted by said filters in the detectors, said detectors are configured to determine the impedance of the fault by using the magnitude of the voltage signals and the extracted current signals and compare it with a preset value, if the measured value of impedance is less than the preset value, then outputs are generated by each of said detectors to disconnect the faulty generator from the electric power system.

No. of Pages : 66 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1401/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A MONITORING AND CONTROLLING SYSTEM FOR AN INDUCTION HEATING MACHINE

(51) International classification	:H05B6/06, H05B 6/50	(71)Name of Applicant : 1)RAO, Y. S. Address of Applicant :INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE, SARDAR PATEL INSTITUTE OF TECHNOLOGY, BHAVAN'S CAMPUS, MUNSHI NAGAR, ANDHERI (W), MUMBAI 400058 MAHARASHTRA, INDIA 2)CHOKSY, RONAK 3)DAFTARY, ROHAN 4)VINOD, NISARG
(31) Priority Document No	:NA	(72)Name of Inventor : 1)RAO, Y. S. 2)CHOKSY, RONAK 3)DAFTARY, RONAK 4)VINOD, NISARG
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A monitoring and controlling system includes a signal conditioning and energy metering circuit, data acquisition assembly, one or more controllers, a data storage unit, a display device and an input interface. The system provides a facility for monitoring and supervising induction heating process along with isolation and protection for the induction heating machine. Various critical parameters are monitored and depending on their values, appropriate action is taken by the controller to regulate the induction heating process. The system has been designed keeping in mind the requirements of the induction heating industry.

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1784/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MALTODEXTRIN ENRICHED LOW CALORIE DIET ICE CREAM (A FUNCTIONAL FOOD TO BE PATENTED)

(51) International classification	:A23L 1/09, A23L 1/29	(71)Name of Applicant : 1)MARATHWADA KRISHI VIDYAPEETH, PARBHANI Address of Applicant :CENTRAL ADMINISTRATIVE BUILDING KRISHI NAGAR, PARBHANI 431402 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. V. N. PAWAR
(33) Name of priority country	:NA	2)DR. A.B. RODGE
(86) International Application No	:NA	3)MISS. A.G.LAMDANDE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In present investigation, efforts were made to judge the suitability of maltodextrin as a fat replacer in ice cream. Different levels of maltodextrin viz. 30, 40 and 50 per cent were used to replace the total fat content of ice cream. Organoleptic evaluation of ice cream recorded superiority of 40 per cent of maltodextrin fortified ice cream over that of other ice creams (30, 50 %). The calorific value reduction of 63 kcal by 40 per cent maltodextrin ice cream is encouraging. This has also justified the need of sugar replacement to lower calorie content of ice cream. Maltodextrin as a functional ingredient on the basis of its efficacy as dietary fiber and fat replacer in ice cream under lined a mile stone for production of ice cream as a diet food. In present investigation, efforts were made to judge the suitability of maltodextrin as a fat replacer in a high calorie fat based product i.e. ice cream. The results revealed that 40 per cent of fat could be replaced with maltodextrin with the least effect on the sensorial quality parameters; however total reduction in calorie content though appears to be only 63 Kcal but enrichment of ice cream with dietary fiber is complimentary to the calorie reduction and therapeutic value effect emerged out from the clinical studies and expressed as hypothetical remarks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHODS FOR GSM BASED SOIL MONITORING

(51) International classification	:G01N 27/22, G08B21/20	(71)Name of Applicant : 1)PATIL, TUSHAR Address of Applicant :INNOVATION AND ENTREPRENURSHIP DEVELOPMENT CENTRE, SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUNSHI NAGAR, BHAVAN'S CAMPUS, ANDHERI (W), MUMBAI 400058 Maharashtra India
(31) Priority Document No	:NA	2)GEDAM, MRUNAL
(32) Priority Date	:NA	3)GHARAT, ADWAIT
(33) Name of priority country	:NA	4)TALELE, KIRAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATIL, TUSHAR
(87) International Publication No	: NA	2)GEDAM, MRUNAL
(61) Patent of Addition to Application Number	:NA	3)GHARAT, ADWAIT
Filing Date	:NA	4)TALELE, KIRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods involving monitoring of soil parameters comprising, a. at least one soil moisture sensing module; b. at least one soil pH sensing module; c. at least one microcontroller module; and d. a GSM module; wherein soil moisture sensing module is capable of monitoring the moisture content of soil; and wherein soil pH sensing module is capable of monitoring the pH value of soil; and wherein the microcontroller module is capable of processing the monitored data in accordance with a predefined algorithm directing to a pre-populated database reflecting the contact information for the communication; and wherein the GSM module is capable of transmitting monitored data to a user wirelessly.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE NUMBER DATA PROCESSING SYSTEM VEHICLE NUMBER DATA PROCESSING METHOD VEHICLE NUMBER DATA PROCESSING DEVICE PROGRAM AND RECORDING MEDIUM

(51) International classification	:G08G1/017,G08G1/04	(71)Name of Applicant :
(31) Priority Document No	:2012-070398	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:26/03/2012	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2013/054336	(72)Name of Inventor :
Filing Date	:21/02/2013	1)OKAZAKI Takuma
(87) International Publication No	:WO 2013/145962	2)NAKAO Kenta
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle number data processing system comprises: a plurality of image capture devices which are disposed such that the image capture ranges thereof overlap and which capture images over time of a roadway; and a vehicle number data processing device which processes vehicle number data. The vehicle number data processing device further comprises a vehicle number data integration unit which integrates vehicle image data including information relating to one and the same vehicle by retaining one vehicle number data and deleting the other vehicle number data from among vehicle number data which includes vehicle number information which is obtained by optical character recognition of an image which one of the image capture devices has obtained and vehicle number data which includes vehicle number information which is obtained by optical character recognition of an image which an image capture device has captured said image capture device having an image capture range which overlaps with the image capture range of the one of the image capture device.

No. of Pages : 110 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIPIDATED GLYCOSAMINOGLYCAN PARTICLES FOR THE DELIVERY OF NUCLEIC ACIDS

(51) International classification :C12N15/87,C12N15/88,A61K47/48
(31) Priority Document No :61/625720
(32) Priority Date :18/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050238
Filing Date :14/03/2013
(87) International Publication No :WO 2013/156989
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RAMOT AT TEL AVIV UNIVERSITY LTD.
Address of Applicant :P.O. Box 39296 6139201 Tel Aviv
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2)QUIET THERAPEUTICS LTD.
(72)Name of Inventor :
1)PEER Dan
2)ALPERT Evgenia

(57) Abstract :

There are provided compositions comprising lipidated glycosaminoglycan particles methods for their preparation and uses thereof for the efficient in vivo and in vitro delivery of nucleic acids such as siRNA molecules.

No. of Pages : 85 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : HSP60 DERIVED PEPTIDES AND PEPTIDE ANALOGS FOR SUPPRESSION AND TREATMENT OF NON AUTOIMMUNE DIABETES

(51) International classification :A61K38/17,A61K45/06,A61P3/10
(31) Priority Document No :61/605262
(32) Priority Date :01/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050174
Filing Date :28/02/2013
(87) International Publication No :WO 2013/128450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COHEN Irun R.
2)MARGALIT Raanan

(57) Abstract :

The present invention provides methods of prevention and treatment of Type 2 diabetes (T2D) using peptides and analogs of heat shock protein 60 (hsp60) and for suppression prevention and treatment of complications associated with T2D. The invention is exemplified using DiaPep277,, a peptide analog of human hsp60. The invention further relates treatment regimens useful for suppression prevention or treatment of T2D.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BATTERY TESTER

(51) International classification	:H01M 10/00, H01M 6/00
(31) Priority Document No	:201210377927.8
(32) Priority Date	:29/09/2012
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Fan Songnan

(57) Abstract :

The present application provides a battery tester capable of measuring resistance and voltage of a battery using the same input channel. When measuring the battery resistance, a testing signal circuit of the battery tester is electrically coupled to two electrodes of a subject battery to conduct a testing signal used in the battery resistance measurement. A response sensing circuit of the battery tester is also electrically coupled to the two electrodes of the subject battery to measure a response signal across the two electrodes of the subject battery. A resistance measuring module is electrically coupled to the response sensing circuit to measure the battery resistance based on the response signal detected by the response sensing circuit. The battery tester also comprises a circuit breaker, capable of disconnecting the subject battery from the testing signal circuit, and disconnecting the resistance measuring module from the response sensing circuit. Moreover, the battery tester can also provide automatic protection for the battery resistance measuring module.

No. of Pages : 21 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : HETEROBICYCLIC COMPOUNDS AS BETA LACTAMASE INHIBITORS

(51) International classification :C07D471/08,A61K31/439,A61P31/04
(31) Priority Document No :61/618993
(32) Priority Date :02/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/050869
Filing Date :02/04/2013
(87) International Publication No :WO 2013/150296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BIST Shanta
3)BIFULCO Neil
4)ZHAO Liang
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7)XIONG Hui
8)COMITA PREVOIR Janelle
9)DUSSAULT Daemian
10)GENG Bolin
11)CHEN Brendan
12)DURAND REVILLE Thomas
13)GULER Satenig

(57) Abstract :

The present invention is directed to compounds which are beta lactamase inhibitors. The compounds and their pharmaceutically acceptable salts are useful in combination with beta lactam antibiotics or alone for the treatment of bacterial infections including infections caused by drug resistant organisms including multi drug resistant organisms. The present invention includes compounds according to formula (Ia); or a pharmaceutically acceptable salt thereof wherein the values of R R R and R are described herein.

No. of Pages : 254 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1883/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DISCONTINUOUS RECEPTION IN USER EQUIPMENT FOR POWER SAVINGS

(51) International classification	:H04W52/02
(31) Priority Document No	:13/423522
(32) Priority Date	:19/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/033023
Filing Date	:19/03/2013
(87) International Publication No	:WO 2013/142530
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)HUANG Yin

3)FAN Mingxi

(57) Abstract :

The present aspects relate to methods and apparatuses to power off a modem receiver or components of the receiver at a time prior to the end of the frame based on data in the frame being received and properly decoded before the end of the frame. In an aspect the apparatuses and methods provide power saving in a wireless device and include receiving data within a frame at a user equipment determining whether all payload packet data has been correctly decoded prior to an end of the frame and powering down a receiver component for a portion of a remainder of the frame in response to determining that all payload packet data has been correctly decoded and where a first time period to a next scheduled overhead bit transmission period of a slot in the frame is greater than a second time period corresponding to a warm up period for the receiver component.

No. of Pages : 61 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENHANCED INTER RAT MOBILITY SUPPORT USING INTER RAT CHANNEL AVOIDANCE

(51) International classification :H04W36/00,H04W36/14,H04W88/06

(31) Priority Document No :61/623543

(32) Priority Date :12/04/2012

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

(86) International Application No :PCT/US2013/036275
Filing Date :12/04/2013

(87) International Publication No :WO 2013/155364

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUPTA Sudhendra K.

2)SHAH Bhavan A.

3)PARK Nam Soo

4)SWAMINATHAN Arvind

(57) Abstract :

Methods systems and devices are described for improving inter network mobility performance in multiple network wireless communication systems by using channel avoidance information from a first network using a first radio access technology (RAT) to modify inter RAT behavior of a second network using a second RAT. In some embodiments the second network queries the first network for channel avoidance information and applies the channel avoidance information in suppressing inter RAT channel measurements avoiding inter RAT redirection and/or avoiding inter RAT reselection. In embodiments inter RAT channel measurement suppression inter RAT redirection avoidance and/or inter RAT reselection avoidance is performed by the mobile device. In other embodiments channel avoidance information of the first network may be communicated to other network entities of the second network and one or more of these entities may modify various inter RAT behaviors.

No. of Pages : 66 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1790/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PORE FREE TIRE SEGMENTED MOLD PATTERN BLOCK SEGMENTED MOLD AND CLEANING METHODS THEREFOR

(51) International classification :B29C33/10,B29C35/02,B29D30/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/072718
Filing Date :21/03/2012
(87) International Publication No :WO 2013/139007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)ZHANG Wei
2)ZHANG Ren

(57) Abstract :

A pore free tire segmented mold pattern block (100) and a segmented mold are provided. The pore free tire segmented mold pattern block (100) is used for forming a tire segmented mold. The pattern block (100) comprises pattern pieces (1) that are vertically stacked. The pattern block (100) has an exhaust channel (20) communicated with an inner circumference (11) of each pattern piece (1) and a pattern block end surface (12). The exhaust channel (20) comprises an axial exhaust hole (27) that is axially disposed on the pattern block (100) communicated with each pattern piece (1) and communicated with the pattern block end surface (12). Also disclosed is a cleaning method for the pore free tire segmented mold pattern block (100) and the segmented mold. When the mold is cleaned the exhaust channel (20) is used as a cleaning channel and the axial exhaust hole (27) of the exhaust channel is used as an entrance for a cleaning medium. Through the foregoing structure an approximately closed container is formed by an inner cavity (200) of the mold. An organic solution is injected into the inner cavity (200) of the mold through a cleaning hole. Under the effect of certain pressure the organic solution is discharged through an exhaust gap (11). A discharging process is a process of cleaning the exhaust gap (11). By using the cleaning method glue scale is removed more thoroughly and effectively an operation is easy and the cleaning cost is low.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : OVERHEAD TANK

(51) International classification	:F03D11/00
(31) Priority Document No	:1204247.9
(32) Priority Date	:10/03/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2013/050598
Filing Date	:11/03/2013
(87) International Publication No	:WO 2013/136056
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Romax Technology Centre University
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Nottinghamshire NG7 2TU U.K.
(72)**Name of Inventor :**
1)SHIELD David
2)SCOTT David
3)JOHNSTONE Gary

(57) Abstract :

A lubrication arrangement for a rotating machine which has components to be lubricated has a lubricant reservoir (2) and a first arrangement of one or more conduits. The reservoir (2) is located above the components and is connected to the first arrangement of conduits. The first arrangement of conduits includes outlets positioned so as to direct a lubricant passing through the first arrangement of conduits to a first set of components. This means that under certain operating conditions the lubricant is caused to flow by gravity from the reservoir (2) to the one or more components via the first arrangement of conduits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL PREPARATION CONTAINING AN ANTIVIRALLY ACTIVE DIHYDROQUINAZOLINE DERIVATIVE

(51) International classification :A61K9/08,A61K47/18,A61K47/40
(31) Priority Document No :10 2012 101 680.1
(32) Priority Date :29/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054114
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHWAB Wilfried
3)GRUNDER Dominique
4)VAN HOOGEVEST Peter

(57) Abstract :

The invention relates to pharmaceutical preparations in particular for intravenous administration which contain {8 fluoro 2 [4 (3 methoxyphenyl)piperazin 1 yl] 3 [2 methoxy 5 (trifluoromethyl)phenyl] 3 4 dihydroquinazolin 4 yl} acetic acid in combination with at least one auxiliary agent selected from the cyclodextrins lysine and arginine to methods for the production thereof and to the use thereof to treat and/or prevent diseases in particular the use thereof as antiviral agents preferably against cytomegaloviruses.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1893/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIGHT GUIDING ELEMENT FOR A LASER VEHICLE HEADLIGHT

(51) International classification :F21S8/12,F21V5/00
(31) Priority Document No :A 50074/2012
(32) Priority Date :12/03/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050054
Filing Date :04/03/2013
(87) International Publication No :WO 2013/134805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)MOSER Andreas
3)ALTMANN Johann
4)KAUFMANN Erich

(57) Abstract :

The invention relates to a light guiding element (1) for a laser vehicle headlight (2) wherein the laser vehicle headlight (2) comprises at least one laser light source (3) and at least one luminous element (4) which can be irradiated by the laser light source (3) and can thus be excited to emit visible light and the light guiding element (1) can substantially be arranged between the laser light source (3) and the luminous element (4) wherein the light guiding element (1) has a light entrance surface (5) and a light exit surface (6) wherein the entrance cross sectional area of the light entrance surface (5) is greater than the exit cross sectional area of the light exit surface (6) and the light radiated in through the light entrance surface (5) can be concentrated in the direction of the light exit surface (6) via the inner surface (7) connecting the light entrance surface (5) and the light exit surface (6). The invention additionally relates to a vehicle headlight (2) comprising at least one light guiding element (1) of this type.

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

(54) Title of the invention : SYSTEM FOR REAL TIME CROP PARAMETER MONITOR

(51) International classification

:A01B
79/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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INDIA**2)SAKHARDANDE, ANUJ D****3)BALVALLY, DEVAVRATA S****4)MANE, ANAND D**

(72)Name of Inventor :

1)MODI, MILAN H**2)SAKHARDANDE, ANUJ D****3)BALVALLY, DEVAVRATA S****4)MANE, ANAND D**

(57) Abstract :

The system consists of a slave device and a master device. The slave device is embedded in the soil and has sensors to sense parameters of the crop in the form of pH level, atmospheric temperature, atmospheric humidity and soil moisture. The master device is a mobile device for the user to carry, which has facilities for interfacing and output device. The master device controls the functioning of the slave device. The transceiver module facilitates a network between the master and the slave such that the master device is able to exchange the control instructions with the slave device and the sensor data is exchanged in the reverse direction. The database is stored in the data storage memory of the master device which is used as a reference to compare the sensor data using a comparison algorithm. The best suited crop is displayed on the display device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1408/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR HUMAN FACE IDENTIFICATION

(51) International classification	:G06T 17/00, G06T 15/00	(71)Name of Applicant : 1)TALELE, KIRAN Address of Applicant :INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER, SARDAR PATEL INSTITUTE OF TECHNOLOGY, BHAVAN'S CAMPUS, MUNSHI NAGAR, ANDHERI-WEST, MUMBAI- 400058, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	2)BAIRATHI, NEHA
(32) Priority Date	:NA	3)DAGA, RAHUL
(33) Name of priority country	:NA	4)DARJI, JIGNESH
(86) International Application No	:NA	5)PANDA, REKHA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TALELE, KIRAN
(61) Patent of Addition to Application Number	:NA	2)BAIRATHI, NEHA
Filing Date	:NA	3)DAGA, RAHUL
(62) Divisional to Application Number	:NA	4)DARJI, JIGNESH
Filing Date	:NA	5)PANDA, REKHA

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods involving a camera that captures input image, a DSP processor that detects a face from the input image, normalizes it and recognizes the face by calculating correlation coefficient and scale invariant feature transform, and a display device which displays information about the matched face.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1895/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEBUG CIRCUIT COMPARING PROCESSOR INSTRUCTION SET OPERATING MODE

(51) International classification :G06F 11/36
(31) Priority Document No :11/463,379
(32) Priority Date :09/08/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/075194
Filing Date :03/08/2007
(87) International Publication No :WO/2008/021763
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :154/MUMNP/2009
Filed on :19/01/2009

(71)Name of Applicant :

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1)BURKE, Kevin Charles

2)STEMPEL, Brian Michael

3)STREETT, Daren Eugene

4)SAPP, Kevin Allen

5)DEBRUYNE, Leslie Mark

6)RIZK, Nabil Amir

7)SARTORIUS, Thomas Andrew

8)SMITH, Rodney Wayne

(57) Abstract :

A processor is operative to execute two or more instruction sets, each in a different instruction set operating mode. As each instruction is executed, debug circuit comparison the current instruction set operating mode to a target instruction set operating mode sent by a programmer, and outputs an alert or indication in they match. The alert or indication may additionally be dependent upon the instruction address following within a predetermined target address range. The alert or indication may comprise a breakpoint signal that halts execution and/or it is output as an external signal of the processor. The instruction address at which the processor detects a match in the instruction set operating modes may additionally be output. Additionally or alternatively, the alert or indication may comprise starting or stopping a trace operation, causing an exception, or any other known debugger function.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1896/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FOLIAR FERTILISER

(51) International classification :A01N25/34,A01N59/02,A01N59/18
(31) Priority Document No :2011900756
(32) Priority Date :03/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000227
Filing Date :05/03/2012
(87) International Publication No :WO 2012/116417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HUANG Longbin
2)NGUYEN Anh Van
3)RUDOLPH Victor
4)XU Gordon

(57) Abstract :

Nanocrystalline compounds containing essential nutrients have been synthesized to have effective physical and chemical characteristics including a high contact surface area/ total surface area ratio which provides maximal leaf surface contact limited mobility and improved solubility; a net positive charge; soluble salt forming groups; and reactive surface edges for cation exchange to release nutrient cationic ions into the water film on leaf surfaces.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL TRIAZINE DERIVATIVE

(51) International classification :C07D251/42,A61K31/53,A61K31/5377
(31) Priority Document No :2012-053543
(32) Priority Date :09/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056266
Filing Date :07/03/2013
(87) International Publication No :WO 2013/133367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KAWAHATA Wataru
2)ASAMI Tokiko
3)SAWA Masaaki
4)ASAMITSU Yuko
5)IRIE Takayuki
6)MIYAKE Takahiro
7)KIYOI Takao

(57) Abstract :

To provide a novel triazine derivative. [Solution] A triazine derivative represented by formula (I) or a pharmaceutically acceptable salt thereof. (In the formula R represents an optionally substituted aryl group an optionally substituted heterocyclic ring an optionally substituted heterocyclic fused ring or an optionally substituted alkynyl group; R represents a hydrogen atom a halogen atom an optionally substituted lower alkyl group or an optionally substituted alkoxy group; R represents an optionally substituted aryl group an optionally substituted heterocyclic ring or an optionally substituted heterocyclic fused ring; R represents a hydrogen atom an optionally substituted lower alkyl group an optionally substituted alkoxy group an optionally substituted amino group or a halogen atom; and R represents a hydrogen atom or an optionally substituted lower alkyl group or alternatively R may combine with R and form an optionally substituted five or six membered saturated or unsaturated ring thereby forming a polycyclic fused ring.)

No. of Pages : 148 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1607/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE IN ONE REFRIGERATOR WITH AIR COOLER AND 50% AIRCONDITION EFFECT.

(51) International classification	:F24F1/02, F25D23/00	(71)Name of Applicant : 1)SANGRAM MOHAN VELHAL
(31) Priority Document No	:NA	Address of Applicant :R.S.NO. 995/2A, MOHITE PARK,
(32) Priority Date	:NA	KOLHAPUR 416012, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANGRAM MOHAN VELHAL
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 :

Our this Invention Filed Home Appliances of Refrigerator System use for food storage in home. This our Invention used for routine refrigerator for food cold storage, Air Cooler and also 50% Air condition effect in one Machine. In this Invention conservation of electricity by refrigerator is comparatively routine refrigerator. But our this invention refrigerator works in three in one. (1) Cold Storage for food (2)AirCooler (3) 50% Air Condition Effect. Production Cost for this invention is minimum and also use for commercial purpose is very simple and also handling and working.This Invention use instead of Routine Refrigerator, Air Cooler, and Air Condition. So customer conservation his own money.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1907/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL ANTIRETROVIRAL COMBINATIONS COMPRISING LAMIVUDINE FESTINAVIR AND NEVIRAPINE

(51) International classification :A61K31/513,A61K31/551,A61K31/7072
(31) Priority Document No :583/MUM/2012
(32) Priority Date :05/03/2012
(33) Name of priority country :India
(86) International Application No :PCT/GB2013/000092
Filing Date :05/03/2013
(87) International Publication No :WO 2013/132208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MALHOTRA Geena

2)PURANDARE Shrinivas Madhukar

(57) Abstract :

The present invention relates to a pharmaceutical antiretroviral composition comprising lamivudine festinavir and nevirapine to a process for preparing such a composition and to the use of such a composition for the treatment and/or prophylaxis of diseases caused by retroviruses especially acquired immune deficiency syndrome or an HIV infection.

No. of Pages : 38 No. of Claims : 30

(54) Title of the invention : ELECTROMAGNETIC ACTUATOR HAVING A HIGH UNLOCKING FORCE

(51) International classification :H01H51/22,H01H83/14,H01H50/24
 (31) Priority Document No :1251866
 (32) Priority Date :29/02/2012
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2013/050413
 Filing Date :28/02/2013
 (87) International Publication No :WO 2013/128125
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)DEZILLE Edouard
2)FRITSCH Pascal
3)BOITEUX Vincent

(57) Abstract :

The invention relates to an electromagnetic trigger of the differential relay type comprising: a U shaped armature (1) the ends of the two legs (4 5) of which form two coplanar polar surfaces; a pivoting plate (2) that pivots between two positions in which it respectively is at distance i.e. there is a gap between it and said armature (1) and in the armed position of the trigger it makes contact with said polar surfaces and thus closes the magnetic circuit formed by said armature (1) and said plate (2) the hinge (3) of the plate (2) being located in the immediate vicinity of the end of one of the legs (4) of the armature (1); a permanent magnet (6) for biasing the magnetic circuit placed between the legs (4 5) of the armature (1) and creating a permanent magnetic force attracting the plate (2) toward the polar surfaces which magnetic force acts against a return force exerted by a spring (13); and an inductive coil (16) encircling the magnetic circuit connected for example to a circuit to be controlled with a view to modifying the initial balance between the magnetic force and the return force of the spring (13). The magnet (6) is positioned in the vicinity of the leg (5) of the armature (1) opposite the leg (4) proximate the hinge (3) of the plate (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1909/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTROMAGNETIC ACTUATOR HAVING CONTROLLED IMPEDANCE

(51) International classification :H01F7/122,H01F7/16,G01R29/20

(31) Priority Document No :1252397

(32) Priority Date :16/03/2012

(33) Name of priority country :France

(86) International Application No :PCT/FR2013/050535

Filing Date :15/03/2013

(87) International Publication No :WO 2013/136019

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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2)FRITSCH Pascal

3)BOITEUX Vincent

4)VOIRPIN Jean Marc

(57) Abstract :

The invention relates to a method for limiting impedance variations of an electromagnetic actuator such as a relay comprising a magnetic circuit. The actuator is made up of a stationary magnetic armature and a moving vane placed against a spring and capable of moving a mechanical actuator element projecting from a box via an opening made in the latter, a permanent magnet suitable for attracting the vane into contact with the armature, and at least one induction coil. The method comprises the following steps: a) closing and maintaining the vane in contact with the armature; b) mounting one or two coils around the armature; c) sending at least one signal with current I to the coil or coils; d) measuring the voltage U at the terminals of the coil or one of the coils; e) measuring the current I in the or the other one of the coils; f) calculating the impedance $Z_{cal} = U/I$; and g) determining the number of turns to be coiled using a coiling graph showing $N_{turns} = f(Z_{cal})$.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1188/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : 177LUTETIUM-LABELED BOMBESIN ANALOGS FOR RADIOTHERAPY

(51) International classification :A61K51/08,A61P35/00
(31) Priority Document No :10075743.4
(32) Priority Date :22/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/070553
Filing Date :21/11/2011
(87) International Publication No :WO 2012/069410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MANSI Rosalba

3)M.,CKE Helmut

(57) Abstract :

The invention is directed to novel Lutetium 177 labeled bombesin analogs for treatment of tumor by radiotherapy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOCKING EXTENSION DEVICE

(51) International classification :F15B15/26,F15B20/00,B66F17/00
(31) Priority Document No :2012900756
(32) Priority Date :28/02/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/NZ2013/000024
Filing Date :28/02/2013
(87) International Publication No :WO 2013/129946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)PRISK Thomas

(57) Abstract :

The invention relates to an extension device lifting device or jack that can be locked in a raised configuration and used to safely support a raised load. An extension device according to the invention comprises a housing having a closed first end and an open second end a support member inside the housing projecting from the first end thereof a piston slideably mounted in the housing around the support member means for extending the piston out of the second end of the housing means for retracting the piston into the housing and a locking mechanism for releasably locking the piston to the support member wherein the locking mechanism comprises one or more locking members mounted on the support member operable to be selectively moved in and out of locking engagement with the piston.

No. of Pages : 28 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOBILE DEVICE CONTROL BASED ON SURFACE MATERIAL DETECTION

(51) International classification :H04M1/725,G01N29/04,G01N21/17
(31) Priority Document No :13/462445
(32) Priority Date :02/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033596
Filing Date :22/03/2013
(87) International Publication No :WO 2013/165627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)EATON John D.
2)WU Hung Hsin
3)MENENDEZ Jose R.
4)FRANTZ William T.

(57) Abstract :

A mobile device uses sensor data related to the type of surface in contact with the mobile device to determine an action to perform. The sensors may be one or more of a microphone and noise generator a light based proximity sensor and pressure sensors such as dielectric elastomers configured to detect a texture of the surface and/or pressure waves produced by setting the mobile device down or by a noise generator and reflected by the surface. The mobile device may identify the type of surface and perform the action based on the type of surface. The mobile device may further determine its location based on the sensor data and use that location to identify the action to be performed. The location may be determined using additional data e.g. data not related to determining the type of surface with which the mobile device is in contact. Additional data might be a general position fix detected wireless devices environmental sounds and time.

No. of Pages : 29 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ASYMMETRIC MIXED MODE POWERLINE COMMUNICATION TRANSCEIVER

(51) International classification	:H04B3/32,H04B3/54	(71)Name of Applicant :
(31) Priority Document No	:61/619044	1)QUALCOMM INCORPORATED
(32) Priority Date	:02/04/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/034874	(72)Name of Inventor :
Filing Date	:02/04/2013	1)EARNSHAW William E.
(87) International Publication No	:WO 2013/151952	2)AVUDAINAYAGAM Arun
(61) Patent of Addition to Application Number	:NA	3)HUSSAIN Syed Adil
Filing Date	:NA	4)COWAN Anthony J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An asymmetric mixed mode transceiver may determine to communicate with a destination powerline communication device. The asymmetric mixed mode transceiver may determine whether an operational mode associated with the destination powerline communication device is a multiple output multiple input (MIMO) mode or a single output single input (SISO) mode. The asymmetric mixed mode transceiver may dynamically change its operational mode to either the MIMO mode or the SISO mode to match the operational mode of the destination powerline communication device. The asymmetric mixed mode transceiver may receive a communication from a source powerline communication device. The asymmetric mixed mode transceiver may determine whether an operational mode associated with the source powerline communication device is the MIMO mode or the SISO mode. The asymmetric mixed mode transceiver may dynamically change its operational mode to match the operational mode of the source powerline communication device.

No. of Pages : 59 No. of Claims : 32

(54) Title of the invention : PHILITTY QUALITY INDUCTION FURNACE (PQIF)

(51) International classification	:H05B 6/16, H05B 3/62	(71)Name of Applicant : 1)ITTYERAH, PHILIP GEORGE Address of Applicant :#3 KHURSHED HOUSE, 604-D LADY JEHANGIR ROAD, DADAR (E) MUMBAI 400 014, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
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(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is both an equipment and a process for preheating up to 800 TO 1000°C, of the scrap, either baled or loose steel scrap and sponge iron/ DRI without the danger of re-oxidation of the charge, required for manufacturing Steel, and mechanized charging of the same into the Induction Furnace crucible, which reduces specific power consumption (KWH/ Tonne) by about 250 KWH/ Tonne of material charged, amounting to approximately 35% of hitherto consumed Electrical power for Melting, and also increases the production by 30 - 40% due to shorter melting time in the crucible. Additionally this reduces EOT Crane requirement time for charging the raw materials into the crucible, as most of the handling is taken care of by the PEO. The invention allows for automation of the feed rate of the charge and reduces manual labour. The invention reduces the level of Carbon Emissions considerably, especially when biogas is used as alternate fuel for heating in the combustion chamber. The invented equipment is the mechanical means of moving the charge from the cold end at the top hopper to the hot end and into the crucible at the desired and pre-set rate and quantity. The mechanical means consists of one of the following: 1. Bucket, (as per Fig. I) for heating non baleable steel scrap, 2. Vibratory Trays and/or Slat conveyors, Fig II for Sponge Iron, steel bales, shredded scrap, pig iron etc. The invented process is the step taken during the heating to prevent re-oxidation of the charge from iron back to iron oxide and prevention of conglomeration of the charge into an inseparable mass as experienced hitherto. Equipment: The heater consists of a combustion chamber which generates hot flue gases at above 1200°C. A system of vibrating trays/ or slat conveyors each of 8m or greater length with suitable inclinations, is mounted in multi storeyed fashion over the combustion chamber. The flue gases pass over the sponge iron vibrating on the trays heating it to the required temperature. The rate of flow of the sponge iron is adjusted by varying the speed of the vibrators through variable frequency drives (VFD) or adjusting the speed of the slat conveyors. The fuel used can be any one of furnace oil, pulverized coal, Compressed Natural Gas, bio gas etc. If biogas is used there would be a substantial drop in CO2 emissions. The final portion of the PEO ends in a vibratory Steel pipe, with refractory coated inside and the last 4m outside coated as well. The Sponge Iron is deposited either on the crucible rim or inside the crucible near the walls or centrally as desired by the Melter. The system is so designed as to capture maximum heat from the exiting gases from the crucible. The incoming air for the combustion air blowers is also preheated using the waste heat of the flue gases exiting the PEO. By proper combustion and maintenance of air-fuel ratio, excess air is avoided in the flue gas which would be sufficient to prevent re-oxidation of the scrap/ sponge iron.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1923/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE COMPREHENSIVE RECOVERY OF METAL COBALT RUTHENIUM AND ALUMINUM FROM WASTE CATALYST CO RU/AL₂O₃ IN FISCHER TROPSCH SYNTHESIS

(51) International classification	:C22B7/00
(31) Priority Document No	:201210055817.X
(32) Priority Date	:05/03/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/072119
Filing Date	:04/03/2013
(87) International Publication No	:WO 2013/131455
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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China
(72)**Name of Inventor :**
1)LIU Qianqian
2)HAN Yiming
3)SONG Dechen
4)XU Li
5)LAI Bo

(57) Abstract :

Provided is a process for the comprehensive recovery of metal cobalt ruthenium and aluminum from a waste catalyst Co Ru/AlO₃ in a Fischer Tropsch synthesis. First a waste catalyst is subjected to hydrocarbon removal and reduction treatment to effectively separate a cobalt slag in an alkali fusion step and then the cobalt slag is subjected to the steps of acid leaching cobalt precipitation with oxalic acid or ammonium oxalate reduction of cobalt oxalate dissolution of metal cobalt with nitric acid etc. to obtain Co(O)₆O. A ruthenate which is dissolved by steps such as alkali fusion and leaching with deionized water is subjected to the steps of reduction with ethanol dissolution with concentrated hydrochloric acid distillation under reduced pressure etc. to obtain a RuCl₃·xH₂O product with a high purity. Aluminum hydroxide is prepared from a meta aluminate solution by CO carbonation by controlling the parameters such as reaction temperature flow rate of CO pH value at the end point of the reaction etc. and the aluminum hydroxide is calcined to obtain aluminum oxide with a product quality achieving the quality requirements of first class aluminum oxide in the Chinese national standard. The resulting product has a high yield wherein cobalt is = 97% ruthenium is = 95% and aluminum is = 92%.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1916/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTICAL SUBSTRATE SEMICONDUCTOR LIGHT EMITTING ELEMENT AND METHOD FOR PRODUCING SEMICONDUCTOR LIGHT EMITTING ELEMENT

(51) International classification	:H01L33/22,H01L33/32	(71)Name of Applicant :
(31) Priority Document No	:2012-084208	1)ASAHI KASEI E MATERIALS CORPORATION
(32) Priority Date	:02/04/2012	Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1018101 Japan
(86) International Application No	:PCT/JP2013/059635	(72)Name of Inventor :
Filing Date	:29/03/2013	1)KOIKE Jun
(87) International Publication No	:WO 2013/150984	2)MITAMURA Yoshimichi
(61) Patent of Addition to Application Number	:NA	3)YAMAGUCHI Fujito
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A concavo convex structure (12) containing multiple independent convex parts (131 to 134) and concave parts (14) disposed between each convex part (131 to 134) is disposed on the surface of an optical substrate (1). The average space (Pave) between the adjacent convex parts (131 to 134) of the concavo convex structure (12) is within the range of 50 nm=Pave=1500 nm and convex parts (133) having a height (hn) within the range of 0.6 h=hn=0 h relative to the average height (Have) of the convex parts are present at a probability (Z) of 1/10000=Z=1/5. When the optical substrate (1) is used in a semiconductor light emitting element the light extraction efficiency (LEE) is increased by eliminating the waveguide mode by means of light scattering while improving the internal quantum efficiency (IQE) by dispersing the dislocation within a semiconductor layer and by reducing the dislocation density and the light emission efficiency of the semiconductor light emitting element is improved.

No. of Pages : 352 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1917/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : CHLORIDE PROCESS FOR THE LEACHING OF GOLD

(51) International classification :C22B3/10,C22B3/24,C22B3/30
(31) Priority Document No :61/621617
(32) Priority Date :09/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000337
Filing Date :08/04/2013
(87) International Publication No :WO 2013/152424
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PROCESS RESEARCH ORTECH INC.
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Ontario L5K 1B3 Canada
(72)Name of Inventor :
1)LAKSHMANAN Vaikuntam I.
2)SRIDHAR Ramamritham
3)HALIM M. A.

(57) Abstract :

A process for the extraction of gold from a gold bearing ore or concentrate comprising the steps of leaching the gold bearing ore or concentrate with a lixiviant of hydrochloric acid and magnesium chloride at atmospheric pressure at a temperature of at least 90°C and an Eh of at least 900 mV. After a liquid/solids separation step the solution obtained is subjected to an organic solvent extraction step using an oxime to obtain a solution of organic solvent containing gold which is stripped with sodium thiosulphate to recover gold. The extraction may be operated to extract gold with or without iron. Materials used in the process may be recycled. The process avoids environmental and other hazards associated with the use of cyanide to extract gold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1918/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR EXTRACTION OF RARE EARTH ELEMENTS

(51) International classification :C22B3/10,C22B3/24,C22B3/26
(31) Priority Document No :61/621632
(32) Priority Date :09/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000336
Filing Date :08/04/2013
(87) International Publication No :WO 2013/152423
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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1)LAKSHMANAN Vaikuntam I.
2)SRIDHAR Ramamritham
3)HALIM M.A.

(57) Abstract :

A process for the extraction of rare earth elements including yttrium from a rare earth element bearing ore or concentrate comprising the steps of leaching the rare earth element bearing ore or concentrate with a lixiviant of hydrochloric acid and magnesium chloride at atmospheric pressure at a temperature of from 90°C to the boiling point of the solution and at an Eh of at least 200 m. After a liquid/solids separation step the solution obtained is subjected to steps for removal of iron and for recovery of rare earth elements. Alternatively rare earth element bearing ore or concentrate may be leached with sulphuric acid and liquid obtained subjected to extraction of iron and other impurities. Raffinate obtained may be treated with oxalic acid the precipitate dissolved in hydrochloric acid and subjected to solvent extraction for rare earth elements or the raffinate may be subjected to solvent extraction for removal of rare earth elements and then stripped with hydrochloric acid.

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

(54) Title of the invention : METHOD AND APPARATUS FOR CONVOLUTIONAL CODING TO SUPPORT MULTIPLEXING IN A WIDEBAND COMMUNICATIONS SYSTEM

(51) International classification	:H04L1/00, H03M 13/03	(71)Name of Applicant : 1)Hughes Network Systems, LLC Address of Applicant :11717 Exploration Lane, Germantown, Maryland 20876, United States of America.
(31) Priority Document No	:61/622,707	(72)Name of Inventor :
(32) Priority Date	:11/04/2012	1)EROZ, Mustafa
(33) Name of priority country	:U.S.A.	2)ANTIA, Yezdi
(86) International Application No	:NA	3)LEE, Lin-Nan
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 approach for encoding a physical layer (PL) header of a PL data frame is provided. The PL header comprises sixteen information bits w_i , ($i = 0, 1, 2, \dots, 15$). and the encoding is based on a convolutional code, whereby. for each information bit. five associated parity bits $P_{i,k}$ ($k = 0, 1, 2, 3, 4$) are generated, resulting in 80 codebits. The resulting 80 codebits are punctured to form a (16.77) codeword ($c_0, c_1, c_2, \dots, c_{76}$). The codebits of the (16,77) codeword are repeated to generate a (16.154) physical layer signaling codeword ($c_0, C_0, c_1, c_1, C_2, C_2, \dots, c_{76}, c_{76}$) for transmission of the PL data frame over a channel of a communications network. Farther, for each information bit. each of the associated five parity bits is generated based on a parity bit generator, as follows: $p_{i,k} = (u \oplus g_k, 0)$ ($S_0 g_k, 1$) ($S_1 g_k, 2$) ($S_2 g_k, 3$) ($S_3 g_k, 4$), where $S_0 = u_{i-1}$, $S_1 = u_{i-2}$, $S_2 = u_{i-3}$, $S_3 = u_{i-4}$, and wherein generator polynomials for $g_k = (g_k, 0, g_k, 2, g_k, 3, g_k, 4)$ are as follows: $g_0 = (1, 0, 1, 0, 1)$; $g_1 = (1, 0, 1, 1, 1)$; $g_2 = (1, 1, 0, 1, 1)$; $g_3 = (1, 1, 1, 1, 1)$; $g_4 = (1, 1, 0, 0, 1)$.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : QUANTIZATION MATRIX AND DEBLOCKING FILTER ADJUSTMENTS FOR VIDEO CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/619820
(32) Priority Date :03/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030466
Filing Date :12/03/2013
(87) International Publication No :WO 2013/151684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN DER AUWERA Geert
2)JOSHI Rajan Laxman
3)KARCZEWICZ Marta

(57) Abstract :

A device may include a video coder configured to determine an equivalent quantization parameter (QP) for a decoded block of video data using a quantization matrix for the decoded block of video data determine deblocking parameters based on the determined equivalent QP and deblock an edge of the decoded block based on the determined deblocking parameters. In particular the video coder may determine equivalent QPs for two neighboring blocks defining a common edge and deblock the common edge based on the equivalent QPs. The video coder may determine deblocking parameters such as and tc values based on the equivalent QPs. The video coder may then deblock the common edge based on the deblocking parameters e.g. determine whether to deblock the common edge determine whether to apply a strong or a weak filter to the common edge and determine a width (in number of pixels) for a weak filter.

No. of Pages : 57 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1928/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THIN FILM PHOTOVOLTAIC CELL STRUCTURE WITH A MIRROR LAYER

(51) International classification :H01L31/032,H01L31/0749,H01L31/18
(31) Priority Document No :12 52835
(32) Priority Date :29/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050667
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)ELECTRICITE DE FRANCE
(72)Name of Inventor :
1)NAGHAVI Negar
2)JEHL Zacharie
3)LINCOT Daniel
4)GUILLEMOLES Jean François

(57) Abstract :

A thin film photovoltaic cell structure with a mirror layer. The invention concerns a photovoltaic cell structure intended for applications in solar panels. The thin film photovoltaic cell structure comprises at least one layer of I III VI₂ alloy (CIGS) with photovoltaic properties for converting an illuminating light into electricity. In particular the structure comprises at least: one mirror layer (MR) comprising a reflecting face (FR) for reflecting a portion of the illuminating light the reflecting face (FR) being opposite a first face (F1) of the layer of I III VI₂ alloy (CIGS) for receiving on said first face a reflected illuminating light and one or a plurality of first transparent layers (CA ENC) transparent to said illuminating light for receiving an illuminating light transmitted onto a second face (F2) of the layer of I III VI₂ alloy (CIGS) opposite the first face (F1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1924/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PREPARING SOLID NITROSYL RUTHENIUM NITRATE BY USING WASTE CATALYST CONTAINING RUTHENIUM

(51) International classification	:B09B3/00,C01G55/00	(71)Name of Applicant :
(31) Priority Document No	:201210055796.1	1)SUNSHINE KAIDI NEW ENERGY GROUP CO. LTD.
(32) Priority Date	:05/03/2012	Address of Applicant :Kaidi Building T1 Jiangxia Avenue
(33) Name of priority country	:China	East Lake Hi Tech Development Zone Wuhan Hubei 430223
(86) International Application No	:PCT/CN2013/072105	China
Filing Date	:04/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/131451	1)XU Li
(61) Patent of Addition to Application	:NA	2)LAI Bo
Number	:NA	3)SONG Dechen
Filing Date	:NA	4)LIU Qianqian
(62) Divisional to Application Number	:NA	5)HAN Yiming
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for preparing solid nitrosyl ruthenium nitrate by using a waste catalyst containing ruthenium. Steps of the method are: drying and calcining a waste catalyst containing ruthenium to acquire a black solid containing ruthenium grinding the black solid containing ruthenium into powder feeding hydrogen for reduction to form metal ruthenium oxidizing metal ruthenium by using mixed gas of ozone and air to produce a ruthenium tetraoxide gas collecting the gas feeding the gas in a nitric acid solution adding solid sodium nitrite to prepare a solution containing nitrosyl ruthenium nitrate and finally using diethyl ether for extraction and evaporating diethyl ether to acquire a nitrosyl ruthenium nitrate solid. The method can effectively reclaim noble metal ruthenium in various load type waste catalysts containing ruthenium so as to achieve effective recycling of ruthenium resources and has simple operation steps and does not involve the introduction of ruthenium intermediates which ensures a high product yield. The acquired solid nitrosyl ruthenium nitrate is free of halogen has high purity and is capable of being directly applied to the preparation of catalysts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1925/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR RECOVERING RUTHENIUM FROM WASTE CATALYST OF ALUMINUM OXIDE LOADED WITH RUTHENIUM

(51) International classification	:C22B7/00,C22B11/00	(71)Name of Applicant :	
(31) Priority Document No	:201210055806.1	1)WUHAN KAIDI ENGINEERING TECHNOLOGY	
(32) Priority Date	:05/03/2012	RESEARCH INSTITUTE CO. LTD.	
(33) Name of priority country	:China	Address of Applicant :T1 Jiangxia Avenue Miaoshan	
(86) International Application No	:PCT/CN2013/072114	Development Zone Jiangxia District Wuhan Hubei 430212 China	
Filing Date	:04/03/2013	(72)Name of Inventor :	
(87) International Publication No	:WO 2013/131453	1)LAI Bo	
(61) Patent of Addition to Application	:NA	2)XU Li	
Number	:NA	3)HAN Yiming	
Filing Date	:NA	4)LIU Qianqian	
(62) Divisional to Application Number	:NA	5)SONG Dechen	
Filing Date	:NA		

(57) Abstract :

A method for recovering ruthenium from waste catalyst of aluminum oxide loaded with ruthenium comprises the following steps: drying roasting and cooling the waste catalyst of aluminum oxide loaded with ruthenium; grinding into black powder containing ruthenium oxide; placing the black powder into a fluid bed reactor introducing hydrogen and performing reduction reaction thereby obtaining metal Ru; introducing a mixed gas of oxygen and ozone into the fluid bed reactor and oxidizing the waste catalyst thereby obtaining RuO gas; introducing the RuO gas into sufficient hydrochloric solution to dissolve the RuO gas thereby obtaining an HRuCl solution; adding excessive oxidant into the HRuCl solution and promoting the HRuCl to be fully oxidized thereby generating hexachloro (IV) ruthenium acid; adding excessive NHCl reacting filtering and cleaning filter cake thereby obtaining an ammonium hexachloro (IV) ruthenium solid; and finally performing hydrogen reduction treatment on the ammonium hexachloro (IV) ruthenium solid thereby obtaining the metal ruthenium. The method is simple in operation low in cost short in recovering period and high in recovery ratio.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1926/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SURFACE MODIFICATION METHOD OF ALUMINUM OXIDE CARRIER

(51) International classification :B01J32/00
(31) Priority Document No :201210055808.0
(32) Priority Date :05/03/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072117
Filing Date :04/03/2013
(87) International Publication No :WO 2013/131454
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)ZHENG Shenke
2)SONG Dechen
3)ZHAN Xiaodong

(57) Abstract :

Disclosed is a surface modification method of an aluminum oxide carrier. The method sequentially comprises the following steps: 1) dissolving soluble kazoe into deionized water and preparing it into a kazoe aqueous solution; 2) soaking an aluminum oxide carrier into the kazoe aqueous solution and performing vacuum drying; 3) placing the dried aluminum oxide carrier into a reaction vessel adding silicon tetrachloride adding a Grignard reagent dropwise sealing the reaction vessel heating and reacting at constant temperature for 3 to 18 hours wherein the volume ratio of the added silicon tetrachloride to the aluminum oxide carrier is controlled to be (0.5 5) to 1 and the heating temperature of the reaction vessel is controlled to be 160°C to 350°C; and 4) cooling the reaction vessel filtering the aluminum oxide carrier washing and performing vacuum drying again to obtain the surface modified aluminum oxide carrier. Practice shows that by adopting the method a compact silicon nitride layer can be synthesized on the surface of the aluminum oxide carrier under mild reaction conditions and the performance of the aluminum oxide carrier can be improved in multiple aspects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1920/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : COPPER NICKEL ALLOY ELECTROPLATING BATH AND PLATING METHOD

(51) International classification :C25D3/56,C22C9/06,C22C19/03
(31) Priority Document No :2012-095956
(32) Priority Date :19/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061667
Filing Date :19/04/2013
(87) International Publication No :WO 2013/157639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1040028 Japan
(72)Name of Inventor :
1)INOUE Manabu
2)YUASA Satoshi
3)SAKURAI Hitoshi

(57) Abstract :

The present invention provides a copper nickel alloy electroplating bath which is characterized by containing (a) a copper salt and a nickel salt (b) a metal complexing agent (c) a plurality of conductivity imparting salts that are different from each other (d) a compound that is selected from the group consisting of disulfide compounds sulfur containing amino acids and salts of these compounds (e) a compound that is selected from the group consisting of sulfonic acid compounds sulfimide compounds sulfamic acid compounds sulfone amides and salts of these compounds and (f) a reaction product of a glycidyl ether and a polyhydric alcohol. This copper nickel alloy electroplating bath is also characterized by having a pH of 3.8.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1921/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : EYE'S DEFENDER

(51) International classification	:A47J37/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAKASH R. SALUNKHE
(32) Priority Date	:NA	Address of Applicant :D' WING, 701 ROOM , SHANKAR
(33) Name of priority country	:NA	DHAN, J.N ROAD MULUND (W), MUMBAI (80) Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRAKASH R. SALUNKHE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1)Eyes defender defend eyes from car head light when you are drive car in night than suddenly car comes to your side than eyes is work on low focus but car head light focus is high its damaged your eyes and loose your consertation 2)Eyes defender use in only wear and glass wear high focus convert into low focus than you can see the car head light without ayes damaged.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1921/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING PERIODONTAL INDEX PRODUCTION DEVICE THEREFOR PRODUCTION PROGRAM THEREFOR RECORDING MEDIUM RECORDING SAME METHOD FOR DIAGNOSING PERIODONTITIS DIAGNOSIS DEVICE THEREOF DIAGNOSIS PROGRAM THEREFOR AND RECORDING MEDIUM RECORDING SAME

(51) International classification :A61C19/00,A61B10/00,A61C19/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/JP2013/070773
Filing Date :31/07/2013
(87) International Publication No :WO 2015/015602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MOTEGI Yoshio

(57) Abstract :

As subjects teeth having been considered as non preservable and thus extracted are used and several teeth of each tooth type are selected and subjected to measurement. Then the lost periodontal ligament area (S) of each tooth is calculated on the basis of the sample attachment level (M) and total periodontal ligament area (S) thereof. Next the relationship between the bite force coefficient (B) which reflects the bite force of each tooth and varies from tooth type to tooth type and the lost periodontal ligament area (S) at loosening of each tooth is statistically processed for each tooth group. By taking advantage of the linear relationship between these factors existing in this step a linear equation representing the relationship between the bite force coefficient (B) and the lost periodontal ligament area (S) at tooth loosening is formed. Thus [remaining periodontal ligament area modified by bite force (S)]/total periodontal ligament area (S)—100 (%) is calculated on the basis of the lost periodontal ligament area (S) at tooth loosening as a periodontal index modified by bite force (BPI) that shows the degree of the progress of periodontitis.

No. of Pages : 67 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1922/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PREPARING HIGH PURITY COBALT NITRATE CRYSTALS FROM CO/SIO₂ WASTE CATALYSTS

(51) International classification :C01G51/00,B09B3/00
(31) Priority Document No :201210055799.5
(32) Priority Date :05/03/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072109
Filing Date :04/03/2013
(87) International Publication No :WO 2013/131452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :T1 Jiangxia Avenue Miaoshan Development Zone Jiangxia District Wuhan Hubei 430212 China
(72)**Name of Inventor :**
1)HAN Yiming
2)LIU Qianqian
3)LAI Bo
4)XU Li
5)SONG Dechen

(57) Abstract :

Provided is a method for preparing high purity cobalt nitrate crystals from Co/SiO waste catalysts. The method sequentially comprises the following steps: 1) calcining Co/SiO waste catalysts to be treated at 350 to 500 under the existence of air for 3 to 6 hours grinding the Co/SiO waste catalysts into powder after cooling to the room temperature; 2) transferring the waste catalyst powder into a fluidized bed reactor and taking reduction reaction for 8 to 12 hours in mixed gas of H and N; 3) adding the waste catalysts after the reduction reaction into excessive dilute nitric acid solution to be fully dissolved and filtering; 4) using alkali liquid for regulating the pH value of the obtained cobalt nitrate solution to 1.5 adding oxalic acid solution for reaction in the water bath of 25 to 80 regulating the pH value of the reacted solution to 1.5 by diluted alkali solution and filtering the hot solution to obtain cobalt oxalate precipitates; 5) after drying the cobalt oxalate precipitates roasting the dried cobalt oxalate precipitates at the temperature of 550 to 650 for 4 to 8 hours; 6) dissolving the obtained cobalt oxide by dilute nitric acid solution and 7) evaporating and crystallizing the cobalt nitrate solution to obtain Co(NO)₃·6H₂O crystals. The recovery rate and the purity of the Co(NO)₃·6H₂O in the method are high.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.1045/MUM/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CUP WITH TRAY

(51) International classification :A47J31/44,
H05B3/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Bhavsar Swapnil Chandrakant

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2)Jain Anjil Anvin

3)Shah Parin Kamalkumar

4)Dr. Vasani Rupesh Parmanand

(72)Name of Inventor :

1)Dr. Vasani Rupesh Parmanand

2)Shah Parin Kamalkumar

3)Jain Anjil Anvin

4)Bhavsar Swapnil Chandrakant

5)Patel Bhupendra Laljibhai

(57) Abstract :

The present invention of ~A Cup with Tray™ is a specially designed cup that has a small tray at its bottom. This is a specially designed tray which is fitted at the bottom of the cup to carry the biscuits/cookies in it. The tray at the bottom is designed such a way along with cup that it can be removed from the cup. Further in this way the cup can be used as an ordinary cup

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.119/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL METHOD FOR STABILIZATION OF BACTERIAL CAPSULAR POLYPOSES

(51) International classification	:C12P19/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Serum Institute of India Ltd.

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Hadapsar, Pune 411 028, Maharashtra, India

(72)Name of Inventor :

1)DHERE RAJEEV MHALASAKANT

2)JANA SWAPAN KUMAR

3)JAIN SHITAL SHANTILAL

(57) Abstract :

A method for preparing polysaccharide-protein conjugates with improved immuriogenicity and less free polysaccharide content for Streptococcus pneumoniae polysaccharides containing phosphodiester linkage, particularly 19A , 19F , 6A and 6B . The conjugation process minimizes cyanylation agent by-product mediated degradation of sized polysaccharide and prevents subsequent polysaccharide-polysaccharide aggregation thereby stabilizing labile polysaccharides.The immunogenicity profile of both,19A & 19F conjugates prepared by conjugation method described herein was found to be better or not significantly inferior than currently approved pneumococcal conjugate vaccines(Prevnar 13® & Synflorix®).

No. of Pages : 44 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : BLOW MOULDING MACHINE WITH COOLING OF THE BASE IN THE STABILIZATION PHASE

(51) International classification	:B29C 49/28, B29C49/64	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRABE 5, 93073 NEUTRABLING, GERMANY
(31) Priority Document No	:10 2012 103 349.8	(72) Name of Inventor : 1)PETER KNAPP
(32) Priority Date	:17/04/2012	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a blow moulding machine for the production of plastics material containers (10), in which during a blow mould procedure the container to be expanded is supplied with blow moulding air from a first gas preparation device (22) on the one hand or from a second gas preparation device (24) on the other hand. During this procedure a cooling of the base of the container is additionally carried out.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1932/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BEAD RING WINDER

(51) International classification :B21F37/00,B29D30/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/059937
Filing Date :11/04/2012
(87) International Publication No :WO 2013/153642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FUJI SEIKO CO. LTD.
Address of Applicant :60 Hirakata 13 chome Fukuju cho
Hashima shi Gifu 5016257 Japan
2)FUJI SHOJI CO. LTD.
(72)Name of Inventor :
1)NISHIDA Kihachiro

(57) Abstract :

A ring shaped take up section (23) is formed along the outer surface of a rotating body (21) that can rotate about an axis. A plurality of alignment grooves (25) for aligning and taking up a wire (W) are formed in the take up section (23) as is a grooveless section (26) that extends across said alignment grooves (25).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HERBAL COMPOSITION FOR THE TREATMENT OF METABOLIC DISORDERS

(51) International classification :A61K36/00,A61P3/04,A61P3/10
(31) Priority Document No :61/610002
(32) Priority Date :13/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/051925
Filing Date :12/03/2013
(87) International Publication No :WO 2013/136257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PIRAMAL ENTERPRISES LIMITED
Address of Applicant :Piramal Tower Ganpatrao Kadam Marg
Lower Parel Mumbai 400013 Maharashtra India
(72)Name of Inventor :
1)SAKLANI Arvind
2)GAIKWAD Parikshit
3)BURHAN Aslam
4)SHARMA Somesh

(57) Abstract :

The present invention relates to an herbal composition comprising a therapeutically effective amount of the extract of a plant belonging to Calophyllum species as an active ingredient and optionally a pharmaceutically acceptable carrier. The present invention also relates to herbal composition comprising extract obtained from the plant Calophyllum inophyllum. The invention also relates to a process for the preparation of the extract. The invention also relates to a method for the treatment of metabolic disorders using the said composition. The present invention also relates to a composition comprising a therapeutically effective amount of extract of the plants from Calophyllum species in combination with a known therapeutically active agent for use in the treatment of metabolic disorders.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A COMPOSITION AND USE THEREOF IN THE TREATMENT OF ANAL RHAGADES

(51) International classification :A61K31/716,A61K36/185,A61K9/00
(31) Priority Document No :-
(32) Priority Date : -
(33) Name of priority country :Argentina
(86) International Application No :PCT/IT2012/000027
Filing Date :30/01/2012
(87) International Publication No :WO 2013/114410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THD S.p.A.
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(Reggio Emilia) Italy
(72)Name of Inventor :
1)BASTIA Filippo
2)SACCOMANNO Maurizio

(57) Abstract :

The present invention relates to a composition comprising at least one protein extract of hibiscus and/or at least one beta glucan or a salt thereof. Furthermore the present invention relates to the use of said composition for the treatment of anal rhagades.

No. of Pages : 35 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPIN TORQUE TRANSFER MAGNETIC TUNNEL JUNCTION INTELLIGENT SENSING

(51) International classification :G11C27/02,H03M1/04,H03M1/56
(31) Priority Document No :13/420890
(32) Priority Date :15/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030896
Filing Date :13/03/2013
(87) International Publication No :WO 2013/138469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)BANERJEE Abhishek
2)MADALA Raghu Sagar
3)WU Wenqing
4)YUEN Kendrick H.
5)PAN Chengzhi

(57) Abstract :

Sensor circuitry including probabilistic switching devices such as spin transfer torque magnetic tunnel junctions (STT MTJs) is configured to perform ultra low power analog to digital conversion and compressive sensing. The analog to digital conversion and compressive sensing processes are performed simultaneously and in a manner that is native to the devices due to their probabilistic switching characteristics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BATTERY SYSTEM AND CHARGE/DISCHARGE MEASURING APPARATUS

(51) International classification :G01R31/36,G01R33/09,H01M10/44
(31) Priority Document No :2012-019205
(32) Priority Date :31/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/000476
Filing Date :30/01/2013
(87) International Publication No :WO 2013/114865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OSAKA CITY UNIVERSITY
Address of Applicant :3 3 138 Sugimoto Sumiyoshi ku Osaka
shi Osaka 5588585 Japan
(72)Name of Inventor :
1)TSUJIMOTO Hiroaki

(57) Abstract :

The present invention provides a charge/discharge measuring apparatus which is capable of performing suitable charge/discharge management by accurately measuring a capacitance change of a secondary battery at the time of charging and discharging the secondary battery. This charge/discharge measuring apparatus is configured such that a current from a secondary battery can be switched to flow in a first connecting circuit which connects in series the secondary battery a load resistor and a conductor film or a second connecting circuit which connects in series the secondary battery a charger and the conductor film. Furthermore the charge/discharge measuring apparatus has a voltage detecting means which is disposed parallel to the conductor film has a magnetic film connected in parallel to the connection to the load resistor and the charger from the secondary battery and detects a voltage change in the magnetic film.

No. of Pages : 102 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PIPERIDINO PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS

(51) International classification :C07D471/04,A61K31/519,A61P31/00
(31) Priority Document No :12154474.6
(32) Priority Date :08/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052372
Filing Date :07/02/2013
(87) International Publication No :WO 2013/117615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MC GOWAN David Craig
2)RABOISSON Pierre Jean Marie Bernard
3)JONCKERS Tim Hugo Maria
4)DAOUBI KHAMLICH Mourad

(57) Abstract :

This invention relates to piperidino pyrimidine derivatives processes for their preparation pharmaceutical compositions and their use in treating viral infections.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1936/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR PREDICTING THE RISK OF GETTING CANCER OR DIAGNOSING CANCER IN A FEMALE SUBJECT

(51) International classification :G01N33/574,G01N33/74
(31) Priority Document No :12158679.6
(32) Priority Date :08/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054800
Filing Date :08/03/2013
(87) International Publication No :WO 2013/132089
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPHINGOTEC GMBH
Address of Applicant :Neuendorfstrasse 15a 16761
Henningsdorf Germany
(72)**Name of Inventor :**
1)BERGMANN Andreas
2)MELANDER Olle

(57) Abstract :

Subject matter of the present invention is a method for predicting the risk of getting cancer in a female subject that does not suffer from cancer or alternatively diagnosing cancer in a female subject comprising determining the level of pro neurotensin or fragments thereof of at least 5 amino acids in a bodily fluid obtained from said female subject; and correlating said level of pro neurotensin or fragments thereof with the a risk for getting cancer wherein an elevated level is predictive for an enhanced risk of getting cancer or alternatively diagnosing cancer wherein an elevated level is correlated with the diagnosis of cancer and wherein said cancer is selected from the group comprising breast cancer lung cancer pancreatic cancer and colon cancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1203/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A DEVICE FOR DETECTION AND ANALYSIS OF MYCOTOXINS

(51) International classification	:G01N33/558, G01N33/569	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI 110 114, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHAND SUNIL
(33) Name of priority country	:NA	2)CHANDRA SUDHIR
(86) International Application No	:NA	3)PANDYA HARDIK
Filing Date	:NA	4)BACHER GAUTAM
(87) International Publication No	: NA	5)KANUNGO LIZY
(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 detection and analysis of mycotoxins. The device is based on impedance measurement using sensing chip based on monoclonal antibodies against aflatoxins, ochratoxins and the like for their detection. This device is sensitive, economic, portable, simple and, capable of quick screening and able to determine different aflatoxins.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.164/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DRAFTING ARRANGEMENT FOR DRAWING A ROVING YARN

(51) International classification	:D01H5/20, D01H5/00
(31) Priority Document No	:102012003180.7
(32) Priority Date	:17/02/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIEDRICH, JOACHIM
2)WINTER, JOSEF

(57) Abstract :

The invention relates to a drafting arrangement for drawing a roving yarn with drafting fields formed by feed, centre and withdrawal roller pairs and a connected compression zone, wherein top delivery rollers are connected by means of a cage element to the top withdrawal rollers and the cage element is loaded in the direction of bottom delivery rollers by means of a loading spring, which is configured as a leaf spring. According to the invention it is provided that the cage element (25) has a first guide and receiving device (29), the inside diameter of which is slightly above the diameter of an axle (13) of the top withdrawal roller pair (40), on which the cage element (25) is mounted and in that the loading spring (15) is stationarily connected by one end to the oscillating carrier (5) and is movably connected in the region of its opposing free end (14) by an intermediate member (16, 17, 18) to the cage element (25) receiving the top delivery rollers (110).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1739/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTAINERIZED WEATHERPROOF, SOUNDPROOF PLUG AND PLAY STEAM TURBINE GENERATOR

(51) International classification	:F01D 1/00, F01D 3/00	(71)Name of Applicant : 1)VIJAYKUMAR SHIVAPPA DUMBALI Address of Applicant :7, AISHWARYA, OPP. SHRINGERI SHANKAR MATH, BHUSARI COLONY, KOTHRUD, PUNE- 411 038 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)VIJAYKUMAR SHIVAPPA DUMBALI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plug and play type steam turbine driven induction/synchronous Generator (STG) system for generating power at any remote locations is disclosed that includes a turbine generator assembly, an enclosure, a base frame, the turbine generator assembly generating power that is supplied to a plan grid; a switch gear panel (CRP), and a full touch screen human machine interface (HMI). The enclosure provides a soundproof container to the turbine generator assembly. The base frame provides a base to the enclosure including the turbine generator assembly. The HMI provides access to a plurality of operating parameters. A plurality of sensors such as speed, steam pressure, power, vibration sensors and bearing, winding and oil temperature sensors monitor the health of the STG system. The CRP controls the operation of the STG system through a TurboSmart,, controller that runs the STG system in an automatic mode of operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SLIDE RAIL DEVICE FOR VEHICLE

(51) International classification	:B60N2/08
(31) Priority Document No	:2012-235101
(32) Priority Date	:24/10/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/077456
Filing Date	:09/10/2013
(87) International Publication No	:WO 2014/065119
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SHIROKI CORPORATION
Address of Applicant :2 Kirihara cho Fujisawa shi Kanagawa
2520811 Japan
(72)Name of Inventor :
1)HAYASHI Naoki

(57) Abstract :

To provide a slide rail device for vehicles having a structure comprising a lock spring having a lock section positioned inside a front/rear restricting groove in an upper rail and capable of being inserted into and removed from a locking groove in a lower rail; said slide rail device for vehicles repeatedly locking/unlocking using a lock release lever and the lock section therein being resistant to breakage even if a load in the front/rear direction is applied to the upper rail of a seat in a locked state. As a solution therefor the present invention has a configuration whereby; a rear section of a locking piece on the front side and a front section of a locking piece on the rear side come in contact at the same time with the inside surface of the locking groove; and the front/rear gap from the front surface of the front/rear restricting groove corresponding to the front surface of the locking piece on the front side and the front/rear gap from the rear surface of the front/rear restricting groove corresponding to the rear surface of the locking piece on the rear side are smaller than the front/rear gap from the rear surface of the front/rear restricting groove corresponding to the rear surface of the locking piece on the front side and the front/rear gap from the front surface of the front/rear restricting groove corresponding to the front surface of the locking piece on the rear side.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1135/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEMBRANE SEPARATION PROCESS FOR SEPARATION OF WATER VAPOR DURING CONDENSATION POLYMERIZATION

(51) International classification	:B01D53/22, B01D53/26, B01D71/02, F24F1/	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER- IV, 222, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JAIN ASHWIN KUMAR
(33) Name of priority country	:NA	2)VARADRAJAN VENKATAKRISHNAN
(86) International Application No	:NA	3)SUDAN PUSHAP
Filing Date	:NA	4)KESARWANI SANJAY
(87) International Publication No	: NA	5)AGARWAL UDAY SHANKAR
(61) Patent of Addition to Application Number	:NA	6)RAO KRISHNA
Filing Date	:NA	7)KELKAR ANIL KRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for manufacturing polyester, wherein the condensate produced during condensation polymerization reaction is selectively removed by using a membrane. The temperature of the membrane is kept as close as possible to the reaction temperature. The membrane is placed either in the overhead space within the reactor or outside the reactor in a chamber. The process exhibits reduced energy consumption and eliminates the need for a distillation column.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM APPARATUSES AND DEVICES FOR PRETREATING CELLS

(51) International classification :G01N1/31,G01N35/02,B04B5/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application
No :PCT/NO2012/050031

Filing Date :24/02/2012

(87) International Publication
No :WO 2013/125959

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Hkonskastet 5 N 1453 Bj,rnemyr
Norway

(72)Name of Inventor :

1)LJUNGMANN ~ystein Helge

2)LJUNGMANN Torstein

(57) Abstract :

The present invention provides a system and apparatuses / devices capable of automatically performing the processes of cell treatment preparatory to flow cytometry and similar cytological studies in a fully automated and streamlined manner. The system and apparatuses/ devices are being adapted for preparation and (pre)processing of cell samples e.g.blood and/or bone marrow samples.

No. of Pages : 49 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1848/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR COMMUNICATING BETWEEN DEVICES AND A NETWORK AND DEVICES ARRANGED THEREFOR

(51) International classification	:H04L12/28, H04J1/16	(71) Name of Applicant : 1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:GB	Address of Applicant :THE GRO, POOL ROAD
(32) Priority Date	1209266.4	NEWTOWN, SY16 3BE, UNITED KINGDOM.
(33) Name of priority country	:25/05/2012	(72) Name of Inventor :
(86) International Application No	:U.K.	1)OREHAWA, LUKE DUANE
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 method for communicating between devices in a network, the network including first and second nodes, the method comprising transmitting a message from the first node to the second node, wherein the message comprises a data content portion and an identifying portion, wherein the identifying portion includes a first unique identifier corresponding to a time source which controls a time value at the first node; receiving the transmitted message at the second node; comparing the first unique identifier to a second unique identifier, wherein the second unique identifier corresponds to a time source which controls a time value at the second node; and if the result of the comparison is positive, accepting the message for processing at the second node.

No. of Pages : 46 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1849/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PREVENTION OF DEBRIS ACCUMULATION AT THE LEADING EDGE OF THE WIND TURBINE BLADES

(51) International classification	:F03B 3/12, F03B 1/00	(71)Name of Applicant : 1)SUZLON ENERGY LIMITED Address of Applicant :ONE EARTH, OPPOSITE MAGARPATTA CITY, HADAPSAR, PUNE - 411 028, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HITESH NANDA
(33) Name of priority country	:NA	2)PREM BABU
(86) International Application No	:NA	3)MOHAMMED OMER
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a wind turbine blade assembly for preventing debris accumulation on a leading edge or a nose of a wind turbine blade. The wind turbine blade assembly comprises a protection member that includes a plurality of metal sheet segments having a C-shaped section formed therein that extend over a predefined length along a suction side and a pressure side of the wind turbine blade. The metal segments facilitate uniform stress distribution during a plurality of flap-wise bending movements of the wind turbine blade. The protection member has a coating that facilitates surface energy reduction of the leading edge of the wind turbine blade. The C-shaped sections positioned on the leading edge safeguard the wind turbine blade during instances such as bird hits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1946/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING USER INFORMATION AND COMPUTER STORAGE MEDIUM

(51) International classification :H04W4/00 (31) Priority Document No :201210059874.5 (32) Priority Date :08/03/2012 (33) Name of priority country :China (86) International Application No :PCT/CN2013/071326 Filing Date :04/02/2013 (87) International Publication No :WO 2013/131423 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant :Room 403East Block2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518044 China (72)Name of Inventor : 1)ZHONG Rui 2)DONG Xijun 3)LIAN Han 4)LIU Yu 5)MENG Jinfeng 6)TAO Yucao 7)WANG Boqiang 8)WANG Wei 9)YU Jun 10)ZHENG Chunlei 11)ZHOU Tao
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(57) Abstract :

The present invention relates to the field of network communications. Disclosed are a method and device for providing user information and a computer storage medium. The method comprises: acquiring user location information of a user; acquiring an interest point associated with the user location; acquiring another user registered at the interest point within a preset period; providing the information of the other user to the current user. In the method and device for providing user information and the computer storage medium other users are filtered based on the interest point and information of other users after the filtering is provided to the current user so that all other users provided to the current user are users closely associated with the current user in terms of geographical location or interest point. That is to say the current user is more interested in these users and the current user may communicate with these users to obtain more valuable information and make friends with people sharing the same hobbies or interests; in other words other users selected by means of this solution have more hobbies and interests in common with the current user.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1937/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR PREDICTING THE RISK OF A SUBJECT FOR CONTRACTING DIABETES MELLITUS AND/OR METABOLIC SYNDROME OR FOR DIAGNOSING METABOLIC SYNDROME IN A SUBJECT

(51) International classification	:G01N33/68
(31) Priority Document No	:12158680.4
(32) Priority Date	:08/03/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/054801
Filing Date	:08/03/2013
(87) International Publication No	:WO 2013/132090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SPHINGOTEC GMBH
Address of Applicant :Neuendorfstrasse 15a 16761
Henningsdorf Germany
(72)**Name of Inventor :**
1)BERGMANN Andreas
2)MELANDER Olle

(57) Abstract :

Subject matter of the present invention is a method for predicting the risk of a subject for contracting diabetes mellitus and/or metabolic syndrome or for diagnosing metabolic syndrome in a subject wherein said subject is non diabetic comprising the following steps determining the level of pro neurotensin or fragments thereof of at least 5 amino acids in a bodily fluid obtained from said subject; and correlating said level of pro neurotensin or fragments thereof with the risk of said subject for contracting diabetes mellitus and/or metabolic syndrome wherein an elevated level is predictive for an enhanced risk of getting diabetes mellitus and/or metabolic syndrome or wherein an elevated level correlates to the diagnosis of metabolic syndrome in a subject wherein said subject is non diabetic.

No. of Pages : 39 No. of Claims : 18

(54) Title of the invention : FIXING DEVICE GROUP FOR REMOVABLE BATTERY OF ELECTRIC VEHICLE AND LOCKING METHOD THEREOF

(51) International classification :B60K1/04,B60S5/06,H01M2/10
 (31) Priority Document No :61/616045
 (32) Priority Date :27/03/2012
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CN2013/073265
 Filing Date :27/03/2013
 (87) International Publication No :WO 2013/143460
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)ALEEES ECO ARK CO. LTD.
 Address of Applicant :No. 3 Aly. 256 Sec. 1 Mingsheng N. Rd. Guishan Township Taoyuan County 330 China
 (72)**Name of Inventor :**
1)WEN Chungwei

(57) Abstract :

A fixing device group for a removable battery of an electric vehicle comprises a removable battery (2) and a fixing device (11) disposed on an electric vehicle (1). The removable battery comprises a body (20) as well as a first side (21) and a second side (22) of the body (20) and the first side is provided with guide bars (211 231). The fixing device comprises a base (110) a driving element (111) a guide portion (113) a main linkage portion (112) a first stopper portion (114) and a second stopper portion (115). When the removable battery is placed in the electric vehicle the guide bars on the first side are pushed to a position to be fixed relative to the guide portion of the fixing device; the driving element of the fixing device drives the main linkage portion to make horizontal reciprocating movement and forces the first stopper portion to rotate accordingly and urge against end portions of the guide bars; and meanwhile driven by multiple groups of connecting parts the second stopper portion is correspondingly latched to a side of the removable battery. The fixing device enables the removable battery to be stably disposed in the vehicle and facilitates locking and unlocking operations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1939/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR TREATING BIOLOGICAL TISSUE AND BIOLOGICAL TISSUE

(51) International classification :A61L27/00,A01N1/02
(31) Priority Document No :2012-083367
(32) Priority Date :31/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059842
Filing Date :01/04/2013
(87) International Publication No :WO 2013/147299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WASEDA UNIVERSITY
Address of Applicant :104 Totsukamachi 1 chome Shinjuku ku
Tokyo 1698050 Japan
(72)**Name of Inventor :**
1)IWASAKI Kiyotaka
2)UMEZU Mitsuo

(57) Abstract :

The present invention minimizes any strength reduction or tissue degeneration from before treatment even when a drying treatment or sterilization treatment is carried out for tissue comprising bio derived components and the like. More specifically biological tissue is immersed in a trehalose solution and shaken thereby impregnating the biological tissue with the trehalose solution. The trehalose solution used herein is one obtained by dissolving trehalose in a phosphate buffered physiological saline the concentration of trehalose preferably being in the range of 20 35 wt%. Thereafter a drying treatment for the biological tissue is carried out to remove moisture in the biological tissue and a sterilization treatment for the tissue by ethylene oxide gas sterilization is carried out.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1061/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOMATIC YO-BIKE BATTERY CHARGER

(51) International classification	:B62M6/45, H01M10/44, H02J7/00	(71)Name of Applicant : 1)Dr. Vasani Rupesh Parmanand Address of Applicant :07, Aditraj Bunglows, Near Nandanvan-5, B/H Kalatirth Apartment, Prenatirth Derasar Road, Jodhpur, Ahmedabad-380015, Gujarat, India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)Shah Parin Kamalkumar
Filing Date	:NA	3)Jain Anjil Anvin
(87) International Publication No	: NA	4)Bhavsar Swapnil Chandrakant
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Vasani Rupesh Parmanand
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention a yo-bike front tyre is attached with the generator and the mechanical energy is converted into electrical energy through a specially design unit. The mechanical energy is use from the rotational motion of the wheel and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to controller, and the battery is used to drive the yo-bike.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1845/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR LTE RADIO ACCESS NETWORK SHARING

(51) International classification :H04W36/14,H04W36/12,H04W28/00
(31) Priority Document No :PCT/CN2012/073526
(32) Priority Date :05/04/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073765
Filing Date :04/04/2013
(87) International Publication No :WO 2013/149595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)WANG Jun
2)ZHU Xipeng
3)SWAMINATHAN Arvind
4)WANG Jun
5)CHERIAN George

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which user equipment performs a circuit switched fallback procedure to connect to a CDMA2000 network. The CDMA2000 network may be selected by the UE or by the network. A plurality of PLMN IDs may be maintained where the IDs relate to a network that includes an LTE RAN. Each PLMN ID may be associated with a CDMA2000 network sharing the LTE RAN. A CDMA2000 network may be selected for circuit switched fallback of a user equipment operating in the LTE RAN. The user equipment may be configured to perform a circuit switched fallback procedure on the selected CDMA2000 network. The CDMA2000 network may be selected by a mobility management entity responsive to a PLMN selection procedure. The PLMN selection procedure may be performed when the UE reports multiple operator capability.

No. of Pages : 80 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1952/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND DEVICES FOR CUTTING COMPOSITE MATERIAL AND SEALING DEVICES MADE OF COMPOSITE MATERIAL

(51) International classification :F16J15/08,B21D28/16,B26F1/44
(31) Priority Document No :12502324
(32) Priority Date :13/03/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/055148
Filing Date :13/03/2013
(87) International Publication No :WO 2013/135770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TRELLEBORG SEALING SOLUTIONS KALMAR AB
Address of Applicant :Box 860 S 391 28 Kalmar Sweden
2)TRELLEBORG SEALING SOLUTIONS GERMANY GMBH
(72)Name of Inventor :
1)HAGLUND Sven
2)ANDERSSON Jonas

(57) Abstract :

Then invention relates to seals methods for making seals and devices for making seals wherein the seals comprise a rigid substrate with two substantially parallel major surfaces (106 108) wherein said surfaces are separated by a cut surface (110). The cut surface (110) comprises a first burnished region (119) of height p1 and a second burnished region (121) of height p2 wherein said first and second burnished regions are separated by a rough breakout (123) of height b.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1953/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SHAPED AND COATED METALLIC MATERIAL COMPOSITE BODY PRODUCED BY BONDING SHAPED AND COATED METALLIC MATERIAL TO MOLDED ARTICLE OF THERMOPLASTIC RESIN COMPOSITION AND METHOD FOR PRODUCING SAID COMPOSITE BODY

(51) International classification :B32B15/08,B29C45/14,C09D175/04
(31) Priority Document No :2012-079751
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002039
Filing Date :26/03/2013
(87) International Publication No :WO 2013/145712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSHIN STEEL CO. LTD.
Address of Applicant :3 4 1 Marunouchi Chiyoda ku Tokyo
1008366 Japan
(72)**Name of Inventor :**
1)MORIKAWA Shigeyasu
2)NAKANO Tadashi
3)YAMAMOTO Masaya

(57) Abstract :

The present invention relates to a shaped and coated metallic material which has excellent adhesion to a molded article of a thermoplastic resin composition and can be produced in a simple manner. The shaped and coated metallic material comprises a shaped metallic material and a coating film formed on the surface of the shaped metallic material. The coating film comprises a polyurethane resin containing a polycarbonate unit. The ratio of the mass of the polycarbonate unit relative to the total mass of resins in the coating film is 15 to 80 mass%. The thickness of the coating film is 0.5 μ m or more.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIGHTING DEVICE FOR A MOTOR VEHICLE HEADLIGHT

(51) International classification :F21S8/10,F21V8/00,G02B19/00
(31) Priority Document No :A 50165/2012
(32) Priority Date :09/05/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050100
Filing Date :30/04/2013
(87) International Publication No:WO 2013/166535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZIZALA LICHTSYSTEME GMBH
Address of Applicant :Scheibbsr Strae 17 A 3250 Wieselburg
Austria
(72)Name of Inventor :
1)KRENN Irmgard
2)PLANK Josef

(57) Abstract :

The invention relates to a lighting device (100) for a motor vehicle headlight comprising a number of light sources (1) at least one attachment optical unit (2) having a light entrance surface (2a) and a light exit surface (2b) wherein the at least one attachment optical unit (2) comprises a plurality of light guiding bodies (3) and wherein each light guiding body (3) has a light entrance surface (3a) into which in each case at least one light source (1) feeds light and wherein the light guiding bodies (3) lead into the common light exit surface (2b). According to the invention at least one preferably exactly one position holder (4) is provided by means of which the light entrance surfaces (3a) of the light guiding bodies (3) of the at least one attachment optical unit (2) are held in position in relation to the light sources (1). Alternatively or additionally provision can be made for the light exit surface (2b) of the at least one attachment optical unit (2) to be provided with a transparent light plate (5) for the dimensional stabilization of the at least one attachment optical unit (2).

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1956/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTICAL ELEMENT FOR A LASER VEHICLE HEADLIGHT

(51) International classification :F21S8/12,F21V5/00,F21V7/00	(71)Name of Applicant :
(31) Priority Document No :A50072/2012	1)ZIZALA LICHTSYSTEME GMBH
(32) Priority Date :12/03/2012	Address of Applicant :Scheibbs Strae 17 A 3250 Wieselburg
(33) Name of priority country :Austria	Austria
(86) International Application No :PCT/AT2013/050048	(72)Name of Inventor :
Filing Date :28/02/2013	1)BAUER Friedrich
(87) International Publication No :WO 2013/134802	2)MOSER Andreas
(61) Patent of Addition to	3)ALTMANN Johann
Application Number :NA	4)KAUFMANN Erich
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to an optical element (1) for a laser vehicle headlight (2) wherein the laser vehicle headlight (2) comprises at least one laser light source (3) and at least one luminous element (4) which can be irradiated by the laser light source (3) and can thus be excited to emit visible light wherein the optical element (1) has at least one receptacle for the luminous element (4) and at least one reflection layer (9) which reflects light in the direction of the laser light source (3) is assigned to the optical element (1) at least on a side of the luminous element (4) which faces away from the laser light source (3) in the mounted state. The invention additionally relates to a light source module (16) comprising at least one optical element (1) of this type and a vehicle headlight (2) comprising at least one optical element (1) of this type or comprising at least one light source module (16) as mentioned initially.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1957/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE DRIVE TRAIN CONTROL METHOD AND SYSTEM

(51) International classification :B60K6/12,B60W30/18,B60K6/48

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2012/001054

Filing Date :09/03/2012

(87) International Publication No :WO 2013/131532

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VOLVO LASTVAGNAR AB

Address of Applicant :S 405 08 Gteborg Sweden

(72)Name of Inventor :

1)LARSSON Lena

2)-BERG Jan

3)ALM Filip

(57) Abstract :

A method and vehicle traction system (1) comprising; a first traction wheel (2a) forming part of a first propulsion system (12) comprising a mechanical drive train a second traction wheel (6a) forming part of a second propulsion system (13) comprising a hydraulic pump (7) for powering a hydraulic motor (8a) one sensor (10a 10b 10c 14) indicating a take off condition a control unit (9) for controlling said second propulsion unit (13) wherein said control unit is programmed to; automatically detecting a take off condition by said sensor (10a 10b 10c 14) and sending an input to the control unit (9) that a take off condition is fulfilled automatically provide a traction force from said second propulsion system (13) in response to the indication that there is a take off condition of the vehicle present and an indication that a traction is or will be provided by the first traction system automatically controlling said second propulsion unit (13) by the control unit (9) in dependence of the manually controlled torque from the first propulsion unit (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1958/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : OBJECT RECOGNITION USING MULTI MODAL MATCHING SCHEME

(51) International classification :G06K9/62,G06K9/00,G06T7/20
(31) Priority Document No :61/623910
(32) Priority Date :13/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029558
Filing Date :07/03/2013
(87) International Publication No :WO 2013/154701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)VISSER Erik
2)WANG Haiyin
3)SIDDIQUI Hasib A.
4)KIM Lae Hoon

(57) Abstract :

Methods systems and articles of manufacture for recognizing and locating one or more objects in a scene are disclosed. An image and/or video of the scene are captured. Using audio recorded at the scene an object search of the captured scene is narrowed down. For example the direction of arrival (DOA) of a sound can be determined and used to limit the search area in a captured image/video. In another example keypoint signatures may be selected based on types of sounds identified in the recorded audio. A keypoint signature corresponds to a particular object that the system is configured to recognize. Objects in the scene may then be recognized using a shift invariant feature transform (SIFT) analysis comparing keypoints identified in the captured scene to the selected keypoint signatures.

No. of Pages : 104 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1566/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CHASSIS INTEGRATED SPECIALIZED STRUCTURE DESIGNED FOR CONCENTRATED LOAD, UNIFORMLY & RANDOMLY VARYING LOAD.

(51) International classification	:B60G3/18, B60K17/00	(71) Name of Applicant : 1)VIKAS R. DEULGAONKAR
(31) Priority Document No	:NA	Address of Applicant :S.NO. 32/2, FLAT. 304,
(32) Priority Date	:NA	TULJABHAVANI NAGAR, NARHE, PUNE 411 041
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VIKAS R. DEULGAONKAR
(87) 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 structure useful for carrying specified payload with optimum overall and individual dimensions is designed. The proposed welded structure is made to accommodate one or two shelters or containers and these shelters are secured to the structure/platform at four/six corners using locking arrangements on heavy transportation vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1962/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CRYSTAL FORM OF CABAZITAXEL AND PREPARATION METHOD THEREOF

(51) International classification :C07D305/14,A61K31/337,A61P35/00
(31) Priority Document No :201210259595.3
(32) Priority Date :25/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079575
Filing Date :18/07/2013
(87) International Publication No :WO 2014/015760
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Jiulongpo District Chongqing 400039 China
(72)Name of Inventor :
1)LI Jing
2)YAO Quanxing

(57) Abstract :

The present invention relates to the field of medical chemistry and discloses a preparation method for three crystal forms of cabazitaxel that is ester compound crystalline form J of cabazitaxel hydrate crystalline form G of cabazitaxel and crystalline form I of cabazitaxel and a novel crystalline form of cabazitaxel. The novel crystalline form of cabazitaxel according to the invention has good stability and good solubility in commonly used solvents and is easy to be preserved and is stable under treatment during preparation of dosage forms thus could be used for the preparation of drugs for treating prostate cancer.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1963/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPLICATION DISPLAY METHOD AND TERMINAL

(51) International classification :G06F3/048,H04N21/472,H04N5/265
(31) Priority Document No :201210052872.3
(32) Priority Date :02/03/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/071713
Filing Date :21/02/2013
(87) International Publication No :WO 2013/127308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
Address of Applicant :Room 403 East Block 2 SEG Park
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(72)Name of Inventor :
1)QIU Zhengyuan

(57) Abstract :

Disclosed are an application display method and a terminal: when receiving an operation instruction for an application from a user the terminal creates a user interface (UI) operation controller and a UI operation window of the application. Wherein if a video playing instruction for a video application is received the created UI operation controller is a video decoder the created UI operation window is a video playing window and the video playing window displays in a designated area of the UI provided by the terminal. If an operation instruction for other applications is received the created UI operation window overlaps with or locates within the designated area. When the video playing window and the UI operation window display concurrently in the UI the terminal sets the attributes of the UI operation window to be transparent or semi transparent and also sets the UI operation window located on top of the video playing window. Applying the proposal of the present invention can improve the utilizing ratio of the terminal screen.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1964/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STERILE INDIVIDUAL SET FOR PRODUCING BIOPHARMACEUTICAL PRODUCTS

(51) International classification :B65B5/04,B65B5/06,B65B13/02
(31) Priority Document No :1253774
(32) Priority Date :24/04/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050872
Filing Date :19/04/2013
(87) International Publication No :WO 2013/160594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Z.I. des Paluds Avenue de Jouques F
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(72)Name of Inventor :
1)MENDYK Nicolas

(57) Abstract :

The invention relates to the technical field of the production of biopharmaceutical products and relates more specifically to an sterile individual set (10) intended to be used in the process of manufacturing a biopharmaceutical product. To make it quicker and easier to grasp and use functional members of fluidic type within the context of the manufacture of biopharmaceutical products the sterile individual set (10) according to the invention comprises a sterile flexible pouch (12) provided with a peripheral wall (14) defining a sterile internal space (14a) and a functional member (20) of fluidic type arranged at least partially inside the sterile internal space (14a). More specifically the functional member (20) comprises one or more communication duct(s) (22) arranged in the sterile internal space (14a) and the sterile individual set (10) also comprises means (30) of structural association which are capable of holding together several portions (22a) of the communicating duct or ducts (22) that are to be bundled together so as to form a bundle (23) of communication ducts (22) forming a structural entity that can be handled as such. Further the means (30) of structural association have an external surface (30 EXT) with lower static and dynamic friction coefficients so as to make the functional member (20) easier to handle by slippage of said bundle (23) of communication ducts (22) with respect to the peripheral wall (14) of the flexible pouch (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2013

(21) Application No.1402/MUM/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : PERSON RECOGNITION AND DISPLAY DICTIONARY DATA APPARATUS

(51) International classification	:G06K9/00, G06K9/62	(71)Name of Applicant : 1)NAIK, PRATIK H. Address of Applicant :INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE, SARDAR PATEL INSTITUTE OF TECHNOLOGY, BHAVANS CAMPUS MUNSHI NAGAR ANDHERI - WEST MUMBAI 400058 Maharashtra India 2)PATEL, VIRAL S. 3)SHAH, BHAVIK H. 4)GODBOLE, ANAND A.
(31) Priority Document No	:NA	(72)Name of Inventor : 1)NAIK, PRATIK H. 2)PATEL, VIRAL S. 3)SHAH, BHAVIK H. 4)GODBOLE, ANAND A.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention Is preferred embodiment provides systems and methods for face detecting and recognizing and retrieve the information, comprising of involving a) a data processing unit; b) a central processing unit; c) an input image; d) a detecting mechanism; e) a recognizing mechanism; f) a sorting mechanism; and g) a camera; wherein the central processing unit will detect the input image being clicked by the camera using the detecting mechanism to create a face print specific to a face in the input image of a person, and wherein the recognizing mechanism will recognize the face print and then the data processing unit sorts the output of the recognizing mechanism using a sorting mechanism which will then provide a data match requested by a user of the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPTIMUM UTILIZATION OF SOLAR POWER FOR SUSTAINABLE DEVELOPMENT

(51) International classification	:F24J 2/06, F24J 2/38	(71)Name of Applicant : 1)NARSALE, HARSHARAJ S Address of Applicant :INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE, SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUNSHI NAGAR, ANDHERI (W)-400058, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	2)MULIK, VIJAY M
(86) International Application No	:NA	3)PARAB, PRATIK A
Filing Date	:NA	4)RAO, Y S
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARSALE, HARSHARAJ S
Filing Date	:NA	2)MULIK, VIJAY M
(62) Divisional to Application Number	:NA	3)PARAB, PRATIK A
Filing Date	:NA	4)RAO, Y S

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods involving A system for household/industrial refrigeration comprising: a) an electronic system used for interfacing refrigerator with solar panels; b) MPPT (maximum peak power tracking) converter; c) two refrigerators, two switching circuits (one for switching between 230 V AC and solar panels other for switching between two refrigerators); d) regulated power supply to obtain 12V and maximum 5A current from 230 V AC; e) two LCD displays connected to the microcontroller; and f) temperature sensors connected to the microcontroller.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1405/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DETECTION OF BLOOD ALCOHOL LEVEL BY BREATH ANALYSIS USING SEMICONDUCTOR SENSOR

(51) International classification	:A61B 5/00, A61B 5/083	(71)Name of Applicant : 1)MANE, DHANASHREE Address of Applicant :INNOVATION AND ENTREPREUNERSHIP DEVELOPMENT CENTRE, SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUNSHI NAGAR, BHAVAN'S CAMPUS, ANDHERI (W) MUMBAI- 400058 Maharashtra India
(31) Priority Document No	:NA	2)SHAIKH, BANAFSHA NIKHAT
(32) Priority Date	:NA	3)AVANISH BALAJI
(33) Name of priority country	:NA	4)TALELE, KIRAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANE, DHANASHREE
(87) International Publication No	: NA	2)SHAIKH, BANAFSHA NIKHAT
(61) Patent of Addition to Application Number	:NA	3)AVANISH BALAJI
Filing Date	:NA	4)TALELE, KIRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods involving detection of alcohol level in blood through breath analysis comprising; a) a semiconductor sensor; b) a microcontroller; c) a display unit; d) an on-chip data storage component; e) a user profile recording component capable of recording and updating a user profile; f) a real time clock; and g) a navigation component wherein the semiconductor sensor senses amount of alcohol in breath of a person and the microcontroller is programmed in such a way that it converts breath alcohol level into blood alcohol level and displays a value indicating the blood alcohol level on the display unit; the value indicating the blood alcohol level is capable of being stored in atleast one of the user profiles each profile capable of storing past readings alongwith date and time of test using the real time clock.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTICANCER AGENT

(51) International classification :A61K31/341,A61K31/7034,A61K36/00
(31) Priority Document No :2012069964
(32) Priority Date :26/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058692
Filing Date :26/03/2013
(87) International Publication No :WO 2013/146734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)NATIONAL CANCER CENTER

3)NATIONAL UNIVERSITY CORPORATION

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1)ESUMI Hiroyasu

2)IKEDA Masafumi

3)MIYOSHI Chika

4)KADOTA Shigetoshi

5)OKUBO Toshiki

6)YOMODA Satoshi

7)FUSE Takafumi

8)KAWASHIMA Takanori

9)CHIBA Shigeki

(57) Abstract :

The purpose of the present invention is to provide a novel anticancer agent effective against cancer. When an agent prepared using an extract of Arctium lappa seeds was injected into a pancreatic cancer patients such that the daily dose of arctigenin was 100mg or greater a tumor shrinkage effect was observed and a decrease in tumor markers was confirmed. The present invention provides an anticancer agent containing arctigenin such that the daily dose is 100mg or greater. Further the present invention provides an anticancer agent containing arctigenin and arctiin in a weight ratio arctigenin / arctiin = 0.7 1.3.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1314/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : USER TERMINAL DEVICE AND SYSTEM FOR PERFORMING USER CUSTOMIZED HEALTH MANAGEMENT, AND METHODS THEREOF

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:10-2012-0036465	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:08/04/2012	Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)Hyun-young KIM
Filing Date	:NA	2)Tae-hwan WI
(87) 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 user health management method and device are provided. The user health management method includes receiving data from a data source using short-range wireless communication, the data indicating health-related information, determining health-related behavior information of a user based on the health-related information, generating a health care recommendation for the user based on the health-related behavior information, and outputting the health care recommendation.

No. of Pages : 152 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1485/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM TO MONITOR A TASK AND SCORE BASED LIFESTYLE PROGRAM CUSTOMIZED FOR A SPECIFIC USER FOR ACHIEVING A PRE-SET GOAL.

(51) International classification	:G06F19/00, G06Q 10/00	(71)Name of Applicant : 1)MR. MARTIN ATHANAS
(31) Priority Document No	:NA	Address of Applicant :G10/4, PRIME ROSE CHS,
(32) Priority Date	:NA	SPAGHETTI COMPLEX, SECTOR - 15, KHARGHAR -
(33) Name of priority country	:NA	410210, NAVI MUMBAI, RAIGAD DIST, MAHARASHTRA
(86) International Application No	:NA	STATE.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. MARTIN ATHANAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Every individual wants achievement in his life. But most people fail to make achievements in life. Some fail in determining their goal to achieve whereas some fail in achieving the pre-set goal itself. People usually try to relate this failure to age, sex, fate, luck, unsatisfactory resources, unavailability of suitable opportunity etc. But the main reason why people do not make achievements is that many people sparsely use their physical, mental and other resources properly. They do not create a life style that will pave way for them using their full human resources - physical, mental to make achievements. The answer to problems is to mould a life-style that will slowly and steadily make develop people to a focused, strong and able and achievement oriented individual. The invention herein provides a system to monitor a task and score based lifestyle program customized for a specific user for achieving a pre-set goal with a computing device.

No. of Pages : 22 No. of Claims : 23

(54) Title of the invention : HIGH STRENGTH THICK WALLED ELECTRIC RESISTANCE WELDED STEEL PIPE HAVING EXCELLENT LOW TEMPERATURE TOUGHNESS AND METHOD FOR MANUFACTURING SAME

(51) International classification :C22C38/00,B21B3/00,B21C37/08

(31) Priority Document No :2012092045

(32) Priority Date :13/04/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/002488
Filing Date :11/04/2013

(87) International Publication No :WO 2013/153819

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TOYODA Shunsuke

2)GOTO Sota

3)OKABE Takatoshi

4)INOUE Tomohiro

5)EGI Motoharu

6)YONEMOTO Atsushi

(57) Abstract :

The purpose of the present invention is to provide a high strength thick walled electric resistance welded steel pipe having both excellent low temperature toughness and HIC resistance and having a yield strength of at least 400 MPa. In the present invention a steel raw material including by mass% 0.025 0.084% C 0.10 0.30% Si and 0.70 1.80% Mn the content of P S Al N and O being adjusted further containing 0.001 0.065% Nb 0.001 0.065% V 0.001 0.033% Ti and 0.0001 0.0035% Ca and satisfying a Pcm of 0.20 or less is subjected to hot rolling at a draft of at least 20% in the non recrystallization temperature range after being heated to and held in a temperature range of 1200 1280°C. After hot rolling is completed the steel raw material is cooled to a cooling stop temperature of 630°C or below at a cooling rate of 7 49°C/s and is wound into a hot rolled strip at 400°C to less than 600°C. The hot rolled steel strip is roll formed and electric resistance welded to obtain an electric resistance welded steel pipe and a welded part of the electric resistance welded steel pipe is furthermore subjected to thermal processing in which the welded part is heated so that the entire wall thickness reaches a temperature range of 800°C 1150°C and is then cooled to 630°C or below at an average cooling rate of 7 49°C/s. A high strength thick walled electric resistance welded steel pipe is thereby obtained in which both the parent material and the electric resistance welded part have excellent toughness and HIC resistance.

No. of Pages : 76 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1785/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : 1) CURCUMIN ENRICHED FLAVORED SKIM MILK HEALTH BEVERAGE 2) PRODUCTION TECHNOLOGY OF CURCUMIN ENRICHED FLAVORED SKIM MILK HEALTH BEVERAGE 3) CLINICAL ASSESSMENT OF SKIM MILK HEALTH BEVERAGE FOR THERAPEUTIC EFFICACY

(51) International classification	:A23L 2/38, A23L 2/56	(71)Name of Applicant : 1)MARATHWADA KRISHI VIDYAPEETH, PARBHANI Address of Applicant :CENTRAL ADMINISTRATIVE BUILDING KRISHI NAGAR, PARBHANI 431402 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. V. N. PAWAR
(33) Name of priority country	:NA	2)DR. A.R. SAWANTE
(86) International Application No	:NA	3)MISS. G.B. YADAV
Filing Date	:NA	4)MR. R.B. KSHIRSAGAR
(87) 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 superiority of Salem turmeric cultivar powder (curcumin 3.7 per cent) obtained from cabinet drying (60°C) processing technique was justified for its techno-economic feasibility on the basis of yield and quality. The characterization profile of curcumin assessed by TLC technique on the basis of RF values and clarity of the spot was encouraging. The recipe of curcumin enriched skim milk containing 0.075 % curcumin, 0.005 % pineapple flavor and 0.2 % fat emerged out from this investigation is considered as a standard formulation of skim milk for commercial exploration. The data on clinical studies feasible for assessment of nutraceutical efficacy recorded a technological asset to justify the status of skim milk as a health beverage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR CHECK WEIGHING OF MATERIAL AND DEVICE THEREOF

(51) International classification :G01G23/01,G01G11/12,G01G3/12
(31) Priority Document No :201210124001.8
(32) Priority Date :25/04/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072505
Filing Date :12/03/2013
(87) International Publication No :WO 2013/159606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)YU Xiaoguang
2)ZHAI Weimin
3)WANG Duohu

(57) Abstract :

A method for check weighing of a material and a device thereof. A sensing device (1) is physically deformed due to a vertical pulling force so as to implement accurate weighing of a material. After an induction device (2) perceives the material a primary driving device (30) stops rotating. Vertical pressure generated by the material is transferred to a suspension mechanism (50) through a rigid component of a weighing device (40). The sensing device (1) is physically deformed due to a downward pulling force of the suspension mechanism (50) so as to complete weighing of the material. Ratio weighing data of the material is compared with check weighing data and after data comparison is completed the primary driving device (30) drives the material to continuously move so as to complete weight check of the material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1890/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTROMAGNETIC ACTUATOR HAVING AN OUTER COIL

(51) International classification :H01F5/02,H01F41/08,H01H71/32

(31) Priority Document No :1251863

(32) Priority Date :29/02/2012

(33) Name of priority country :France

(86) International Application No :PCT/FR2013/050415

Filing Date :28/02/2013

(87) International Publication No :WO 2013/128127

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)DEZILLE Edouard

3)FRITSCH Pascal

4)VOIRPIN Jean Marc

(57) Abstract :

The invention relates to an electromagnetic actuator comprising a magnetic circuit consisting of a stationary magnetic armature and a blade said blade being movable in opposition to a spring and capable of moving a mechanical actuating member and an induction coil arranged about an arm of the armature the assembly being inserted into a housing from which the mechanical member extends. The housing comprises a through slot located inside a magnetic circuit in which through slot the coil is wound once the housing is closed.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1990/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR PRODUCING OLEFIN RESIN COMPOSITION FOR ELECTRIC APPLIANCE MATERIALS AND AUTOMOTIVE INTERIOR MATERIALS

(51) International classification :C08F2/44,C08F4/646,C08F10/00
(31) Priority Document No :2012067832
(32) Priority Date :23/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053748
Filing Date :15/02/2013
(87) International Publication No :WO 2013/140905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADEKA CORPORATION
Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku
Tokyo 1160012 JAPAN
(72)Name of Inventor :
1)KAWAMOTO Naoshi
2)URUSHIHARA Tsuyoshi
3)OKAMOTO Kohei
4)SEGUCHI Tetsuya

(57) Abstract :

Provided is a method for producing an olefin resin composition for electric appliance materials and automotive interior materials which contains stabilizing agents in a reduced total amount and therefore can be produced at reduced cost and has a good color and excellent fogging resistance. A method for producing an olefin resin composition for automotive interior materials by polymerizing an olefin monomer said method being characterized by involving a step of adding a masking product of an phenolic antioxidant agent represented by general formula (1) with an organoaluminum compound to an olefin resin in an amount of 0.001 to 0.5 part by mass relative to 100 parts by mass of an olefin resin produced by the polymerization of the olefin monomer prior to or during the polymerization of the olefin monomer. (In the formula R represents an alkyl group having 1 to 30 carbon atoms which may have a branch a cycloalkyl group having 3 to 12 carbon atoms which may be substituted or an aryl group having 6 to 18 carbon atoms which may have a substituent.)

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2013

(21) Application No.1869/MUM/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF RABEPRAZOLE

(51) International classification	:A61K31/44, A61K9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PANCHAL MAULIK KIRITKUMAR

3)BUCH CHINTAN DHIMANTKUMAR

4)RAVEENDRA BABU GANDURI

(57) Abstract :

The present invention relates to pharmaceutical compositions of rabeprazole and process for preparing such compositions. Preferably, the invention relates to a delayed release composition of rabeprazole comprising a core comprising rabeprazole, optional separating layer and an enteric layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1975/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM FOR ACCURACY CONTROL OF ERECTION ON MARINE FLOATING DOCK

(51) International classification :B63C1/02,G01B11/24,G01C3/00
(31) Priority Document No :1020120035414
(32) Priority Date :05/04/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002373
Filing Date :22/03/2013
(87) International Publication No :WO 2013/151256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)CHA Ji Hye
2)KIM Kwan Woo
3)KIM Joon Kil
4)KIM Joon Hong
5)SIM Seung
6)LEE Sang Deok
7)HAN Sung Jong

(57) Abstract :

According to one aspect of the present invention a system for the accuracy control of erection on a marine floating dock is provided wherein said system can continuously monitor a floating dock based on a rigid quay wall so as to enable a structure to be installed on the marine floating dock and control the accuracy of the installation and can also efficiently control the accuracy of an inner block. To this end a system for the accuracy control of erection on a marine floating dock according to one embodiment of the present invention comprises: a monitoring unit arranged on a dock and including a draft sensor for measuring the degree of warp of a dock floor and an imaging unit arranged outside the dock to measure the state of the sidewall of the dock; a measuring unit arranged on the dock to measure on a real time basis the state of a hull block erected on the dock; an erection accuracy control unit arranged on the dock to control the accuracy of the dock which varies as a result of impacts from the hull block erected on the dock; and a control unit including a coordinate converting unit for converting the information monitored or measured by the monitoring unit and the measuring unit into a single normal coordinate and an analysis unit for analyzing the state of the dock and the state of the accuracy of the erection on the basis of the converted information the control unit enabling the erection accuracy control unit to control the accuracy of the dock on the basis of the result of the analysis of the analysis unit. Thus the floating dock can be continuously monitored on the basis of the rigid quay wall of the dock and the accuracy of the inner block in the dock can be controlled thereby detecting the state of the floating dock in a more accurate manner and also performing dock ballasting in a more accurate manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1977/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : WINDER

(51) International classification :B21F37/00,B29D30/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/059934
Filing Date :11/04/2012
(87) International Publication No :WO 2013/153641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)FUJI SHOJI CO. LTD.
(72)Name of Inventor :
1)NISHIDA Kihachiro

(57) Abstract :

This winder is provided with the following: a first rotating body (12) that is rotated by a rotating shaft (11); and a second rotating body (16) that rotates coaxially with and at the same speed as the first rotating body (12). This winder is further provided with a cylinder (14) for opening and closing a space between the first and second rotating bodies (12 16). A groove (20) in which a wire (W) is wound forming a bead ring (B) is formed in the outer surface of a joining part of the first rotating body (12) and/or the second rotating body (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1978/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HAND HELD ELECTRICALLY ACCELERATED YO YO

(51) International classification :A63H1/30
(31) Priority Document No :201310321648.4
(32) Priority Date :29/07/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/087952
Filing Date :27/11/2013
(87) International Publication No :WO 2015/014049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GUANGDONG ALPHA ANIMATION & CULTURE CO. LTD.
Address of Applicant :Auldey Industrial Area Wenguan Road
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2)GUANGDONG AULDEY ANIMATION & TOY CO. LTD.
3)GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO. LTD.
(72)Name of Inventor :
1)CAI Dongqing

(57) Abstract :

A hand held electrically accelerated yo yo comprising two rotating bodies (1) a connector (2) connecting the two rotating bodies (1) together forming one body side bushings (3) mounted at the middle of the outsides of the two rotating bodies (1) an electric acceleration mechanism disposed inside the rotating bodies (1) and a bearing (4) for winding a string located between the two rotating bodies (1). The electric acceleration mechanism is connected to the two rotating bodies (1) and by means of pressing side bushing (3) the electric acceleration mechanism operates thus driving the two rotating bodies (1) to rotate in unison. By means of pressing the side bushing (3) the rotating bodies (1) are rotationally accelerated; when the rotational speed is sufficient pulling on the string releases the yo yo body; a user has adequate time to make various movements; therefore even if a user is relatively short in height the user can play with the yo yo. The yo yo can be accelerated again while rotating at a low rotational speed. If the side bushing (3) is loosened the electric acceleration mechanism ceases operation; the body continues to rotate due to the effect of inertial force and is thus very fun and interesting. The yo yo is widely adaptable and meets the play needs of a majority of children.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARC CHUTE ASSEMBLY FOR USE IN CHANGE OVER SWITCH DISCONNECTOR (COSD) IN MOVING BRIDGE

(51) International classification	:H01H9/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, Mumbai
(33) Name of priority country	:NA	400 001, State of Maharashtra, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THUKRAL, Palak;
(87) International Publication No	: NA	2)VERMA, Deepak, Kumar;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an arc chute assembly for use within a change over switch disconnecter (COSD). The assembly comprises a moving bridge means (4) and plural arc chutes (1) assembled on said moving bridge means. The arc chutes are placed in line with fixed and moving contacts of the said change over switch disconnecter such that during breaking operation at the time of a short circuit or fault scenario when the arc is drawn between the fixed and moving contacts, the current through conductors of the change over switch disconnecter generates a magnetic field forcing the arc away from the contact region into the said arc chutes whereby said arc is being split into number of series arcs thereby limiting the peak fault current thus quenching the arc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1421/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : STATOR LAMINATION STACK INDEXING AND RETENTION

(51) International classification	:H02K1/18, H02K 1/14	(71) Name of Applicant : 1)DEERE & COMPANY
(31) Priority Document No	:13/466273	Address of Applicant :ONE JOHN DEERE PLACE,
(32) Priority Date	:08/05/2012	MOLINE, ILLINOIS, 61265-8098, USA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MCKINZIE KYLE K
Filing Date	:NA	2)LOVE GALEN R
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical device including a housing having an inner surface, a lamination assembly and at least one pin extending from an inner surface of the housing. The lamination assembly has at least one slot therein. The lamination assembly is clocked to a position so that the at least one pin coacts with the at least one slot to rotationally orient the lamination assembly. The at least one pin additionally acts to constrain the lamination assembly from axial removal from the housing thereby rotationally and axially limiting movement of the lamination assembly to a predetermined range of movement within the housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING COMMUNICATION SERVICES TO A ROAMING WIRELESS DEVICE

(51) International classification :H04W88/14,H04W4/00,H04W8/06
(31) Priority Document No :12157011.3
(32) Priority Date :24/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/053407
Filing Date :21/02/2013
(87) International Publication No :WO 2013/124334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Pariset France
(72)**Name of Inventor :**
1)ANSLOT Michel
2)BOUCKAERT Philippe
3)COPPE Gilles

(57) Abstract :

Method and system for optimizing the roaming mechanism through handling by the visited network the data that are sent by the wireless devices without routing these data to the home network. International gateways are therefore not used or are used for much fewer communications thereby decreasing the cost of roaming for telecommunication operators. In addition the invention allows processing in the home network the authentication and charging operation that needs sensitive information preserving thereby the security of data.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INGENOL DERIVATIVES IN THE REACTIVATION OF LATENT HIV

(51) International classification :A61P31/18,C08G8/30,A61K31/22
(31) Priority Document No :BR 10 2012 004739 0
(32) Priority Date :02/03/2012
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2013/000063
Filing Date :01/03/2013
(87) International Publication No :WO 2013/126980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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CEP 60844 150 Fortaleza CE Brazil
(72)Name of Inventor :
1)PIANOWSKI Luiz Francisco
2)TANURI Amilcar

(57) Abstract :

The present invention relates broadly speaking to the use of certain ingenol derivatives as reactivators of latent HIV in viral reservoirs. In another aspect the present invention relates to a combination comprising said ingenol derivatives and antiretroviral agents that are substantially active in terms of actively replicating virus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2015/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : FIXED DOSE PHARMACEUTICAL COMPOSITION

(51) International classification	:B60T11/04, A61H3/08	(71) Name of Applicant : 1)CIPLA LIMITED Address of Applicant :MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MALHOTRA, GEENA
Filing Date	:NA	2)PURANDARE, SHRINIVAS 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 :

A fixed dose pharmaceutical composition comprises at least two anti-glaucoma agents and one or more pharmaceutically acceptable excipients.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A DYNAMIC SUPPORT FOR AN ARTICLE OF FOOT WEAR

(51) International classification :A43B13/18

(31) Priority Document No :61/614788

(32) Priority Date :23/03/2012

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

(86) International Application No :PCT/US2013/033146

Filing Date :20/03/2013

(87) International Publication No :WO 2013/142598

(61) Patent of Addition to Application

Number :NA

Filing Date

:NA

(62) Divisional to Application Number :NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TADIN Tony G.

(57) Abstract :

The present disclosure provides for a dynamic support that is disposed beneath the heel of a wearer that is moldable by the underside of the foot to provide at least partial support to at least one of the medial arch lateral arch transverse and metatarsal arch and heel of the foot of a wearer. The present disclosure provides for a customized insole that contains a dynamic member that is able to adjust to the contour of a heel and to at least a portion of an arch of a wearer of such insole. The present disclosure provides for a customized insole that contains a contoured support.

No. of Pages : 56 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1988/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : 4 ALKANOYLAMINO 3 PYRAZOLONE DERIVATIVE

(51) International classification :C07D401/04,A61K31/4439,A61K31/444
(31) Priority Document No :2012079858
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059656
Filing Date :29/03/2013
(87) International Publication No :WO 2013/147215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SAKAMOTO Atsunobu
2)TANAKA Naoki
3)FUKUDA Takeshi

(57) Abstract :

The present invention provides a compound which enhances the production of erythropoietin. The present invention provides a compound represented by formula (1) or the like. (In general formula (1) R represents Q Q X Q Q X Q Y Q; Q represents a monocyclic or bicyclic aromatic heterocyclic group; each of Q and Q represents an aromatic hydrocarbon ring group or a monocyclic aromatic heterocyclic group; X represents CONH CONHCH CHOCH NHCHCH or the like; Y represents a single bond O (CH) or O (CH) ; each of m and n represents an integer of 1 3; R represents H or an alkyl group; and R represents H an alkoxy carbonyl group a carboxy group an aromatic hydrocarbon ring group or a monocyclic aromatic heterocyclic group.)

No. of Pages : 138 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1989/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEANS AND METHODS FOR RESPONSE PREDICTION OF HEPATITIS B TREATMENT

(51) International classification :C12Q1/68
(31) Priority Document No :12160199.1
(32) Priority Date :19/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2013/050204
Filing Date :19/03/2013
(87) International Publication No :WO 2013/141705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)REESINK Hendrik Willem
2)JANSEN Louis
3)KOOTSTRA Neeltje Akke

(57) Abstract :

The present invention provides means and methods for determining whether a hepatitis B patient is susceptible to hepatitis B treatment comprising determining whether a sample of the patient comprises nucleic acid with nucleotide polymorphisms that are associated with a positive outcome of hepatitis B treatment and/or determining whether a sample of the patient comprises an expression level of carnitine or of a carnitine derivative that is associated with a positive outcome of hepatitis B treatment. Compositions kits of parts (micro)arrays and vectors useful for such methods are also herewith provided.

No. of Pages : 63 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2083/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR GAZE DETECTION AND ADVERTISEMENT INFORMATION EXCHANGE

(51) International classification	:G06Q30/00	(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,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOSWAMI, VIBHOR
(61) Patent of Addition to Application Number	:NA	2)GARG, SHALIN
Filing Date	:NA	3)VALLAT, SATHISH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method and system for displaying a content published on a broadcasting device to a user. The system comprises a plurality of sensors deployed around the user. The system further comprises an image capturing module to capture the content along with a first metadata. An activity capturing module is configured to capture one or more behavioral activity data along with a second metadata. In one aspect, the one or more behavioral activity data is indicative of interest of the user in the content and the second metadata is associated with the one or more behavioral activity data. An analytics engine is configured to analyze the first metadata and the second metadata to determine a subset of content of the content that may be relevant to the user. A display module is configured to display the subset of content on a display device for reference of the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1903/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SAPPHIRE SUBSTRATE

(51) International classification	:B24B 1/00,B24B 7/22
(31) Priority Document No	:60/882351
(32) Priority Date	:28/12/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/088548
Filing Date	:21/12/2007
(87) International Publication No	:WO/2008/083071
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1119/MUMNP/2009
Filed on	:12/06/2009

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3)RIZZUTO ROBERT A
4)CHERIAN ISAAC K.
5)VEDANTHAM RAMANUJAM

(57) Abstract :

A method of machining a sapphire substrate comprises grinding a first surface of a sapphire substrate using a first fixed abrasive and grinding said first surface of the sapphire substrate using a second fixed abrasive, wherein the second fixed abrasive has a smaller average grain size than the first fixed abrasive, and wherein the second, fixed abrasive is self -dressing.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1904/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE DATA PROCESSING SYSTEM VEHICLE DATA PROCESSING METHOD VEHICLE DATA PROCESSING DEVICE PROGRAM AND RECORDING MEDIUM

(51) International classification :G08G1/017,G07B15/00,G08G1/04
(31) Priority Document No :2012-082431
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057796
Filing Date :19/03/2013
(87) International Publication No :WO 2013/146461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)OKAZAKI Takuma
2)NAKAO Kenta
3)NAKAYAMA Hiroyuki
4)KAMIMURA Yoichi

(57) Abstract :

A vehicle data processing system comprises: an image capture device which captures an image of a roadway over time; a wireless device which has a communication range which overlaps with the image capture range of the image capture device; and a vehicle data processing device which processes first vehicle data including information of a vehicle which the image capture device has captured and second vehicle data including information of the vehicle which the wireless device has received from a vehicle mounted device of the vehicle. The vehicle data processing device further comprises a data binding unit which binds to the first vehicle data the second vehicle data among the second vehicle data including information of a vehicle which may be the same vehicle as the vehicle which is the subject of the first vehicle data.

No. of Pages : 116 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW VISCOSITY POLYORGANOSILOXANES COMPRISING QUATERNARY AMMONIUM GROUPS METHODS FOR THE PRODUCTION AND THE USE THEREOF

(51) International classification	:C08L83/10,C08L83/12	(71)Name of Applicant :
(31) Priority Document No	:61/617173	1)MOMENTIVE PERFORMANCE MATERIALS GMBH
(32) Priority Date	:29/03/2012	Address of Applicant :Kaiser Wilhelm Allee Gebude V7
(33) Name of priority country	:U.S.A.	51368 Leverkusen Germany
(86) International Application No	:PCT/US2013/034248	(72)Name of Inventor :
Filing Date	:28/03/2013	1)WAGNER Roland
(87) International Publication No	:WO 2013/148935	2)STACHULLA Karl Heinz
(61) Patent of Addition to Application Number	:NA	3)SOCKEL Karl Heinz
Filing Date	:NA	4)GONZALES Sigfredo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Low viscosity polyorganosiloxanes comprising a) at least one polyorganosiloxane group b) at least one quaternary ammonium group c) at least one terminal ester group methods of the manufacture thereof and their use for the modification of surfaces of substrates.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW VISCOSITY POLYORGANOSILOXANES COMPRISING QUATERNARY AMMONIUM GROUPS METHODS FOR THE PRODUCTION AND THE USE THEREOF (II)

(51) International classification :C08L83/10

(31) Priority Document No :61/617180

(32) Priority Date :29/03/2012

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

(86) International Application No :PCT/US2013/033806

Filing Date :26/03/2013

(87) International Publication No :WO 2013/148629

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)STACHULLA Karl Heinz

3)SOCKEL Karl Heinz

4)GONZALES Sigfredo

5)DUSSAUD Anne

(57) Abstract :

Low viscosity polyorganosiloxanes comprising a) at least one polyorganosiloxane group b) at least one quaternary ammonium group c) at least one terminal ester group methods of the manufacture thereof and their use for the modification of surfaces of substrates.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2104/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FLUID DRIVEN PRIME MOVER SYSTEM

(51) International classification	:G05D13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Kamath, Das Ajee
(32) Priority Date	:NA	Address of Applicant :Bungalow No. 48, Tata Motors Senior
(33) Name of priority country	:NA	Officers Colony, Pimpri, Pune - 411018, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kamath, Das Ajee
(87) 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 fluid driven prime mover system (20) comprising, a pressure element (30) that combines a first suction element (40) which includes a convergent divergent nozzle (42) system with at least a convergent divergent nozzle (42), that creates a lower pressure zone (44) which is communicated to a first desired point, with a first head element that includes at least a diffuser nozzle system (32) which converts fluid flow energy into a high pressure head such that said high pressure head is directed towards a second desired point; and at least a first channel element (50) and at least a second channel element (52) wherein said first channel element (50) communicates the first desired point to an outlet (62) of a positive displacement fluid motor (60) and said second channel element (52) directs the second desired point to an inlet (64) of said positive displacement fluid motor (60) such that said positive displacement fluid motor (60) is motored by a fluid flow throughput caused by a pressure differential at said inlet (64) and said outlet (62) that results in said positive displacement fluid motor (60) working as a drive unit with power or torque take off.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR CALIBRATING A FREQUENCY DIVISION DUPLEXING TRANSCEIVER

(51) International classification	:H04B1/50,H04B17/00	(71)Name of Applicant :
(31) Priority Document No	:61/624978	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/04/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/022793	(72)Name of Inventor :
Filing Date	:23/01/2013	1)ZARGARI Masoud
(87) International Publication No	:WO 2013/158173	2)ABDOLLAHI ALIBEIK Shahram
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A frequency division duplexing (FDD) transceiver includes a first mixer to up convert a transmit signal and a first switch coupled to the first mixer to selectively provide a transmit local oscillator signal or a receive local oscillator signal to the first mixer. The transmit local oscillator signal has a first frequency and the receive local oscillator signal has a second frequency distinct from the first frequency. The FDD transceiver also includes a second mixer to down convert a receive signal and a second switch coupled to the second mixer to selectively provide the transmit local oscillator signal or the receive local oscillator signal to the second mixer.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2204/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INFORMATION DISTRIBUTION SYSTEM

(51) International classification :G06Q30/02
(31) Priority Document No :2012-105076
(32) Priority Date :02/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002892
Filing Date :30/04/2013
(87) International Publication No :WO 2013/164911
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DENTSU INC.
Address of Applicant :1 8 1 Higashi Shimbashi Minato ku
Tokyo 1057001 Japan
(72)**Name of Inventor :**
1)YAMAGATA Tomohiro
2)TOMINO Nagakazu
3)URASAKI Eijun
4)NAKAMURA Jinya

(57) Abstract :

Provided is an information distribution system capable of distributing appropriate information on a per user basis and improving the effect of information distribution. The information distribution server (3) stores as user history information information relating to the location of a terminal device (2) and the time when an access request is transmitted from the terminal device (2) and analyzes the user history information so as to generate a state database (7) wherein combinations of times and locations of the terminal device (2) are associated with states of the user of the terminal device (2) (a first state (work) wherein the user tends to select information relating to work over recreation or a second state (sunny) wherein the user tends to select information relating to recreation over work). The information distribution server (3) analyzes the behavior pattern of the user of the terminal device (2) on the basis of the state of the user when the access request is made and the location of the terminal device (2) and the time. Then the current state of the user is determined on the basis of the current location of the terminal device (2) and the time and information in accordance with the current state and the behavior pattern of the user is distributed to the terminal device (2).

No. of Pages : 55 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2205/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CHARGE CONTROLLED PHCH

(51) International classification :C09C1/02,D21H17/00
(31) Priority Document No :12167683.7
(32) Priority Date :11/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058937
Filing Date :29/04/2013
(87) International Publication No :WO 2013/167420
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)GANE Patrick A.C.
3)SCHOELKOPF Joachim
4)LAUFMANN Maximilian
5)ANDERSSON Lars

(57) Abstract :

The present invention concerns a process for preparing self binding pigment particles from an aqueous suspension of a calcium carbonate containing material wherein an anionic binder and at least one cationic polymer are mixed with the suspension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2207/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HIGH RISE BUILDING ELEVATION CONCEPT

(51) International classification :E04H12/34,E04B1/34,E04B1/35
(31) Priority Document No :1209006.4
(32) Priority Date :21/05/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000216
Filing Date :14/05/2013
(87) International Publication No :WO 2013/175156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :22 Craneswater Park Norwood Green
Southall Middx UB2 5RR U.K.
(72)Name of Inventor :
1)DHILLON Inderjit Singh

(57) Abstract :

The invention is a method to build and erect super high rise buildings with a completely new concept of civil engineering which is based on concept and method of building of vertical columnar structures by multi stacking of columns using hydraulic suspension and elevator arm system and then strengthening them with concrete. This is followed with building of gateway support structure around vertical columnar structure and central core to stabilize the high rise building. Next stage is the building of horizontal steel framework platforms at ground level and elevating them by central core elevator and cable hoist system. The passage of horizontal platforms through gateway structure is conducted by alternating opening and closing of gates. The process enables to populate the vertical columnar structures with horizontal platforms which are then inter locked with vertical columnar structures and central concrete core wall Finally the steel framework platforms are strengthened with concrete.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2012/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PALLADIUM CATALYZED SYNTHESIS OF BENZOFURANS AND COUMARINS USING PHENOL OR SUBSTITUTED PHENOLS

(51) International classification	:A61K31/459	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :POWAI, MUMBAI 400076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PROF. DEBABRATA MAITI
(87) International Publication No	: NA	2)UPENDRA SHARMA
(61) Patent of Addition to Application Number	:NA	3)TOGATI NAVEEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of oxygen containing heterocyclic compounds by reacting substituted phenolic compounds with olefinic compounds in the presence of a palladium catalyst and suitable reaction medium via sequential C-H functionalization.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2013/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTI COMPONENT THREE DIMENSIONAL NETWORKS

(51) International classification	:C08L67/07, C08F283/00	(71)Name of Applicant : 1)JAIN PARAS RAMESHLAL
(31) Priority Document No	:NA	Address of Applicant :FLAT NO.103,'A' WING, SHIV
(32) Priority Date	:NA	SHANKAR CHS, SECTOR 6,PLOT NO.12 AIROLI, NAVI
(33) Name of priority country	:NA	MUMBAI-400708 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN PARAS RAMESHLAL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to multi-component three dimensional networks. More particularly, the present invention relates to tailorable multi-component three dimensional networks. More particularly, the present invention relates to tailorable multi-component three dimensional networks with no chemical cross-linking involved. More particularly, the present invention relates to tailorable multi-component three dimensional networks comprising three or more components. More particularly, the present invention relates to tailorable multi-component three dimensional networks with no chemical cross-linking involved and comprising three or more components. More particularly, the present invention relates to tailorable multi-component three dimensional networks comprising at least one component capable of altering softening point of other components. More particularly, the present invention relates to tailorable multi-component three dimensional networks with no chemical cross-linking involved and comprising three or more components at least one of which is capable of altering softening point of other components. More particularly, the present invention relates to tailorable multi-component three dimensional networks with no chemical cross-linking involved and comprising at least two network forming agents and at least one softening agent.

No. of Pages : 74 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2210/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOTION SENSOR ASSISTED RATE CONTROL FOR VIDEO ENCODING

(51) International classification	:H04N7/26,H04N5/232	(71)Name of Applicant :
(31) Priority Document No	:13/470,182	1)QUALCOMM INCORPORATED
(32) Priority Date	:11/05/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/039959	(72)Name of Inventor :
Filing Date	:07/05/2013	1)QIU Gang
(87) International Publication No	:WO 2013/169785	2)XU Wentao
(61) Patent of Addition to Application Number	:NA	3)SHEN Liang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The system and methods for motion sensor assisted rate control for video encoding are described herein. An apparatus for encoding video content comprises a sensor and an encoder. The sensor is configured to provide motion information relating to the apparatus. The encoder is configured to encode the video content based at least in part on a quantization parameter. The encoder is further configured to increase the value of the quantization parameter in response to the provided motion information.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2211/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUBSTITUTED N (TETRAZOL 5 YL) AND N (TRIAZOL 5 YL)PYRIDIN 3 YL CARBOXAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES

(51) International classification :C07D401/12,A01N43/653,A01N43/713
(31) Priority Document No :61/639,098
(32) Priority Date :27/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/057819
Filing Date :15/04/2013
(87) International Publication No :WO 2013/072528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)KRAUS Helmut
2)WITSCHERL Matthias
3)SEITZ Thomas
4)NEWTON Trevor William
5)PARRA RAPADO Liliana
6)KREUZ Klaus
7)HUTZLER Johannes
8)PASTERNAK Maciej
9)LERCHL Jens
10)EVANS Richard Roger

(57) Abstract :

N (tetrazol 5 yl) and N (triazol 5 yl)pyridin 3 yl carboxamides of formula I and their use as herbicides formula I. The invention relates to N (tetrazol 5 yl) and N (triazol 5 yl)pyridin 3 yl carboxamides of formula I and their use as herbicides. In said formula I B represents N or CH whereas R R R R and R represent groups such as hydrogen halogen or organic groups such as alkyl or phenyl.

No. of Pages : 85 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1731/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED COUPLING TO COUPLE THE BODY OF WIPER, BRUSH, BROOMS & MOPS TO THREADED PIPE

(51) International classification	:A47L13/10, A47L13/58	(71)Name of Applicant : 1)KOSHAL RAJEEV
(31) Priority Document No	:NA	Address of Applicant :D-10, MACHANA COLONY,
(32) Priority Date	:NA	SHIVAJI NAGAR, BHOPAL - 462016 (M.P.) India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KOSHAL RAJEEV
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to providing a improved coupling for fixing a threaded pipe to the body of wiper, brush, brooms & mops without proper thread embossing on the body of the coupling by one or more small notch impression on the body of coupling. Thus the coupling can be made with a simple manufacturing technique and hence economical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1732/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTINUOUS PROCESS FOR CONVERSION OF LIGNIN TO USEFUL COMPOUNDS

(51) International classification :C10G3/00
(31) Priority Document No :61/603217
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/053630
Filing Date :22/02/2013
(87) International Publication No :WO 2013/124460
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(Alessandria) Italy
(72)Name of Inventor :
1)RYBA Steven
2)ELLIOTT Guliz
3)GASTALDO Dan
4)MURRAY Aaron

(57) Abstract :

An integrated process for the conversion of a ligno cellulosic biomass feedstock comprised of lignin and carbohydrates said process comprising: A. Pretreating the ligno cellulosic biomass feedstock with treatment water which includes steam explosion to create a pre treated ligno cellulosic biomass feedstock B. Converting at least a portion of the carbohydrates of the pre treated ligno cellulosic biomass feedstock into carbohydrate conversion products selected from the group consisting of alcohols polyols glucans gluco lignins and cellulose C. Charging the lignin from the ligno cellulosic biomass feedstock into a lignin conversion reactor having a lignin conversion pressure via a stream comprised of lignin from the ligno cellulosic biomass feedstock D. Converting at least a portion of the lignin of the pre treated ligno cellulosic biomass feedstock into lignin conversion products by contacting the lignin with hydrogen in the presence of a first catalyst at a lignin conversion temperature

No. of Pages : 94 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1940/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR PREDICTING THE RISK OF GETTING A CARDIOVASCULAR EVENT IN A FEMALE SUBJECT

(51) International classification	:G01N33/577, G01N33/53
(31) Priority Document No	:12158678.8
(32) Priority Date	:08/03/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/054799
Filing Date	:08/03/2013
(87) International Publication No	:WO 2013/132088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Neuendorfstr. 15a 16761 Hennigsdorf
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(72)**Name of Inventor :**
1)BERGMANN Andreas
2)MELANDER Olle

(57) Abstract :

Subject of the present invention is a method for predicting the risk of getting a cardiovascular event in a female subject comprising determining the level of pro neurotensin or fragments thereof of at least 5 amino acids in a bodily fluid obtained from said female subject; and correlating said level of pro neurotensin or fragments thereof with the a risk for getting a cardiovascular event wherein an elevated level is predictive for an enhanced risk of getting a cardiovascular event.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1941/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TWO CRYSTAL FORMS OF GINSENOSIDE C K AND METHOD FOR PREPARING SAME

(51) International classification :C07J17/00
(31) Priority Document No :201210093293.3
(32) Priority Date :01/04/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073562
Filing Date :01/04/2013
(87) International Publication No :WO 2013/149571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAI Changliang
3)CHEN Jinyao
4)CHEN Feng
5)QI Minghui
6)ZHU Wenming
7)HONG Minghuang
8)BAI Hua

(57) Abstract :

Provided are ginsenoside C K polymorphic forms and a method for preparing same. The ginsenoside C K polymorphic forms are crystal form D and crystal form H.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2245/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : 'CHOICE DRIVEN SOCIAL MEDIA METHOD AND SYSTEM FOR CONNECTING CUSTOMERS AND COMPANIES.

(51) International classification	:G06Q30/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VAIBHAV SHEWALE
(32) Priority Date	:NA	Address of Applicant :A - 903 SUN SATELLITE, SUN CITY
(33) Name of priority country	:NA	ROAD, ANANDNAGAR, SINHAGAD ROAD, WADGAON
(86) International Application No	:NA	BK, PUNE 411051 Maharashtra India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VAIBHAV SHEWALE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is in the field of electronic shopping and marketing, and more particularly relates to a comprehensive method and system that provides a unique online experience for the users / customers as well as the sellers / traders throughout the purchasing activity including pre-purchase, point of purchase and post purchase activity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1992/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTAINER CLOSURE ASSEMBLIES

(51) International classification :B65D41/04,B65D75/58,B65D41/32
(31) Priority Document No :2008558
(32) Priority Date :29/03/2012
(33) Name of priority country:Netherlands
(86) International Application No :PCT/NL2013/050224
Filing Date :27/03/2013
(87) International Publication No :WO 2013/147599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IPN IP B.V.

Address of Applicant :1 Voorveste NL 3992 DC Houten
Netherlands

(72)Name of Inventor :

1)VAN DER MOLEN Peter Jan

(57) Abstract :

A pre assembled container closure assembly (1) has a plastic spout body (2) with a tubular neck (4) delimiting a product passage (6) that extends to a mouth opening (8) of the neck. A rotational cap (30) is secured in closed position on the neck. The cap has a cap body including a top wall (31) and a skirt (32). The cap body further includes an annular inner sealing ring (40) depending from the top wall. The inside of the neck is provided with an inward tapering annular guide surface (15) that is contacted by the inner sealing ring when the cap is secured onto the spout body and then causes an elastic deformation of the inner sealing ring and/or the neck. The inner sealing ring is embodied such that the first annular sealing surface (41) on the exterior side of the inner sealing ring and a lowermost annular surface (43) of the interior side of the sealing ring adjoin one another directly at an apex (44) which forms the lower edge of the inner sealing ring and in that with the cap in closed position said apex lies against the interior side of the neck said lowermost annular surface extending from said apex to form an angle of at least 90° with an exposed surface portion of the interior side of the neck directly below said apex so as to avoid the presence of any gap between the inner sealing ring and the neck at said apex.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1993/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTEXTUAL AWARENESS USING RELATIVE POSITIONS OF MOBILE DEVICES

(51) International classification	:H04W4/20,H04W4/02	(71)Name of Applicant :
(31) Priority Document No	:13/436312	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/03/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/033750	(72)Name of Inventor :
Filing Date	:25/03/2013	1)BLOW Anthony T.
(87) International Publication No	:WO 2013/148597	2)BAKER Daniel S.
(61) Patent of Addition to Application Number	:NA	3)TIVYAN Roman
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A server based contextual awareness method of communicating in a wireless network includes detecting a signal strength of one or more user equipments (UEs) relative to other user equipment within a same vicinity. The method also includes detecting a pattern of the user equipment(s) and the other user equipment based on the detected signal strength of the user equipment(s) relative to the other user equipment. The method also includes deriving a social context based on the detected pattern. The method further includes initiating an action in response to the derived social context.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2013

(21) Application No.2295/MUM/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : LAUNCHING PLATFORM ASSEMBLY AND HYDRAULIC SYSTEM ASSOCIATED THEREWITH

(51) International classification	:B63B35/73, B64D17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)SARKAR GAUTAM KUMAR

3)MANGLIK AMIT

4)MUDALIYAR AJAY SHANKARRAO

5)BHOSALE LALASAHEB NARASINGRAO

(57) Abstract :

A launching arrangement for pushing and launching structural modules configuring a modular bridge assembly includes a launching platform, a nose pushing and pulling arrangement a tilting cylinder, a bridge pushing and pulling mechanism, and a winch. The launching platform is disposed over and slides over a sliding platform sliding over a sub frame of the launching vehicle and receives the nose modules from a material handling system one by one, and supports and guides the nose modules thereon. The nose pushing and pulling arrangement is disposed on either side of the launching platform and facilitates sliding, placing and connecting of a plurality of nose modules over the launching platform for forming a nose assembly and launching the nose assembly in a cantilever mode towards a far bank side. The nose pushing and pulling arrangement includes a nose pushing and pulling mechanism and at least one pushing cylinder.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1919/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING OLMESARTAN MEDOXOMIL AND ROSUVASTATIN OR ITS SALT

(51) International classification :A61K31/4178,A61K31/505,A61K9/20
(31) Priority Document No :10-2012-0032903
(32) Priority Date :30/03/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/002378
Filing Date :22/03/2013
(87) International Publication No :WO 2013/147462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHANG Hee Chul
2)KANG Bok Ki
3)KIM Jun Ku

(57) Abstract :

The present invention provides a pharmaceutical composition having a single dosage form comprising a compartment comprising olmesartan medoxomil; and a compartment comprising rosuvastatin or its salt wherein said compartments are formulated in a separate form. In the pharmaceutical composition of the present invention olmesartan medoxomil and rosuvastatin or its salt are formulated into a combination dosage form having separate compartments thereby being able to solve the absorption inhibition problem originated from drug interaction. In addition the use of a certain disintegrant(s) makes it possible to obtain a combination formulation bioequivalent to the single formulation of each of drugs.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2340/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENCODER AND METHOD

(51) International classification	:H04N11/04, H04N11/02, H04N7/12
(31) Priority Document No	:GB1214414.3
(32) Priority Date	:13/08/2012
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)Ossi Kalevo

2)Tuomas Karkkainen

(57) Abstract :

An encoder (10) is operable to encode input data (20) to generate corresponding encoded output data (30). The encoder (10) includes data processing hardware which is operable: (a) to sub-divide input data (20) into a plurality of blocks or packets, the blocks or packets having a size depending upon a nature of their content, and the blocks or packets being of one or more sizes; (b) to apply a plurality of transformations to content of the blocks or packets to generate corresponding transformed data; (c) to check a quality of representation of the transformed data of the blocks or packets compared to the content of the blocks or packets prior to application of the transformations to determine whether or not the quality of representation of the transformed data satisfies one or more quality criteria; (d) in an event that the quality of representation of the transformed data of the one or more blocks or packets does not satisfy the one or more quality criteria, to sub-divide and/or to combine the one or more blocks or packets further and repeating step (b); and (e) in an event that the quality of representation of the transformed data of the one or more blocks or packets satisfies the one or more quality criteria, to output the transformed data to provide encoded output data (30) representative of the input data (20) to be encoded. The encoder (10) is operable to use the transformations to compress content associated with the blocks or packets, so that the encoded output data (30) is smaller in size than the input data (20) to be encoded.

No. of Pages : 44 No. of Claims : 24

(54) Title of the invention : DECODER AND METHOD

(51) International classification	:H04N19/44, H04N19/169
(31) Priority Document No	:GB1214400.2
(32) Priority Date	:13/08/2012
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :Linnankatu 34, Turku 20100, Finland

(72)Name of Inventor :

1)Ossi Kalevo**2)Tuomas Karkkainen**

(57) Abstract :

A decoder (10) decodes input data (20) to generate corresponding decoded output data (30). The decoder (10) includes data processing hardware which is operable: (a) to process the encoded input data (20) to extract therefrom header information indicative of encoded data pertaining to blocks and/or packets included in the encoded input data (20), the header information including data indicative of one or more transformations employed to encode and compress original block and/or packet data for inclusion as the encoded data pertaining to the blocks and/or packets; (b) to prepare a data field in a data storage arrangement for receiving decoded block and/or packet content; (c) to retrieve information describing the one or more transformations and then applying an inverse of the one or more transformation for decoding the encoded and compressed original block and/or packet data to generate corresponding decoded block and/or packet content for populating said data field; and (d) when the encoded input data has been at least partially decoded, to output data from the data field as the decoded output data (30). Optionally, the decoder (10) is operable to fetch supplementary information from a database arrangement for use when executing the inverse of one or more transformations, said supplementary information including at least one of: algorithms, rules, one or more transformation parameters. Optionally, the decoder is operable to split and/or combine blocks and/or packets in the data field according to splitting and/or combining information included in the encoded input data (20). The encoded data optionally includes at least one of: image data, video data, audio data, economic data, mask data, seismographic data, analog-to-digital (ADC) converted data, biomedical signal data, textural data, calendar data, mathematical data but not limited thereto. The decoder (10) is beneficially employed in electronic consumer products operable to receive and/or store input data.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2209/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR SAVING USER EQUIPMENT POWER BY SEARCH LENGTH REDUCTION

(51) International classification :H04W36/24,H04W48/16,H04B1/7083
(31) Priority Document No:61/658,219
(32) Priority Date :11/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044740
Filing Date :07/06/2013
(87) International Publication No :WO 2013/188233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)MAKH Vansh Pal Singh
2)HU An Swol C.
3)JOOTAR Jittra

(57) Abstract :

The present disclosure presents example methods and apparatuses for improved cell searching in a wireless communications environment. For example the disclosure presents example methods that can include computing a predicted serving signal strength associated with a serving cell where a mobility state of a user equipment is one of a stationary state or a low mobility state. Furthermore in an aspect the example method can include ascertaining a search threshold based at least on the predicted serving signal strength and generating a search integration length based on at least the search threshold. In addition some example methods may include scanning for one or more reselection candidate cells based on at least the search integration length wherein each of the one or more reselection candidate cells has a cell signal strength greater than the search threshold.

No. of Pages : 43 No. of Claims : 33

(54) Title of the invention : CONTINUOUS FEED ALOEVERA WHOLE GEL EXTRACTION EQUIPMENT

(51) International classification	:A01N65/00, A01N3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR), CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING
(32) Priority Date	:NA	Address of Applicant :NABIBAGH, BERASIA ROAD, BHOPAL - 462038, (MADHYA PRADESH), INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. RAVINDRA NAIK
Filing Date	:NA	2)DR. S. JACOB KALAISELVAN ANNAMALAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention described in this application relates to continuous feed aloevera whole gel extraction equipment. The device comprises of six major components, (a) Outer frame to hold all the functional part (b) Conveyor belt (c) Drive mechanism to operate the feeding belt and gel extraction system (d) Whole gel extraction mechanism (e) Collection trays for extracted gel and rinds (f) Motor (One hp; Three phase) / manually rotated which acts as a power source for all the moving parts through the gear transmission mechanism. The aloevera leaves after harvesting at an optimum stage is thoroughly washed to remove the extraneous material. The lower 25mm of the leaf base (the white part attached to the large rosette stem of the plant), the tapering point (50-100mm) of the leaf top is cut using a sharp stainless steel knife. Similarly short, sharp spines located along the leaf margins are removed by a sharp knife in such a manner that a part of the rind of the upper portion of the leaf is also removed. The leaves are fed onto the conveyer of the continuous feed gel extraction equipment. The leaves then passes through top and bottom pair of rubber pressure roller assembly which are driven by power source (either motor or by manual rotation) through a gear transmission mechanism. A combination action of the sliding bearing (4 nos) mechanism along with the pressure springs (4 nos) helps to adjust the gap between the pressure rollers and also take care of the curvature of the aloevera leaves. Two blades made of high carbon steel, one each, just above the bottom set of rollers and just below the top set of rollers, were provided. The outer rind at the bottom of the aloevera leaf got peeled up as the leaf moved forward between the pressure roller assembly. The upper blade was fixed on the spring loaded top roller, so that the blade was positioned just below the top layer of the leaf and peeling of the upper rind of aloevera leaf would take place simultaneously as that of bottom rind as the leaf moved forward by means of conveyer belt. Thus peeling of both top and bottom rinds took place in a single pass. Set of stainless steel rods were provided at the outlet of the gel, which allows the top rind layer of the leaves and gel to be separated. The whole gel is directly collected in the food grade tray which is partially filled with clean water. The top and the bottom rinds are collected separately. Thus there are three outlet viz., for top rind, bottom rind and whole gel. The capacity of the equipment is about 200-225 kg/h (900-1000 leaves/hour) when motorized and 100kg/h (400-450 leaves/hour) when operated manually. The saving in time and cost over conventional method is up to 70 per cent and 50 per cent, respectively. The aloin content in the extracted whole gel was within the acceptable limits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1900/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : IDENTIFICATION OF MODULATORS OF BINDING PROPERTIES OF ANTIBODIES REACTIVE WITH A MEMBER OF THE INSULIN RECEPTOR FAMILY

(51) International classification	:G01N33/564
(31) Priority Document No	:12156930.5
(32) Priority Date	:24/02/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/053707
Filing Date	:25/02/2013
(87) International Publication No	:WO 2013/124482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Yorckstrae 71 10965 Berlin Germany

(72)**Name of Inventor :**
1)SCHOMBURG Lutz
2)MINICH, Waldemar
3)KARASCH, Siegmund

(57) Abstract :

The present invention relates to methods and kits useful in the identification of modulators of the binding properties of antibodies reactive with one or more members of the insulin receptor family selected from the insulin receptor (IR) the insulin like growth factor 1 receptor (IGF1R) the insulin like growth factor 2 receptor (IGF2R) the insulin IGF1 hybrid receptor (IIHR) and the insulin receptor related receptor (IRRR) and methods for the detection of such antibodies.

No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1901/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TAMPER RESISTANT IMMEDIATE RELEASE FORMULATIONS

(51) International classification :A61K9/16,A61K9/20,A61K9/50	(71)Name of Applicant :
(31) Priority Document No :61/606156	1)RHODES PHARMACEUTICALS L.P.
(32) Priority Date :02/03/2012	Address of Applicant :498 Washington Street Coventry Rhode
(33) Name of priority country :U.S.A.	Island 02816 U.S.A.
(86) International Application No :PCT/IB2013/000444	(72)Name of Inventor :
Filing Date :01/03/2013	1)ADJEI Akwete L.
(87) International Publication No:WO 2013/128276	2)CHEN Sibao
(61) Patent of Addition to Application Number :NA	3)KUPPER Robert Joe
Filing Date :NA	4)MANCINELLI Vincent
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Disclosed is an immediate release solid oral dosage form comprising (i) an active agent; and (ii) a material that is sensitive to acidic pH;

No. of Pages : 95 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1902/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMMON SPATIAL CANDIDATE BLOCKS FOR PARALLEL MOTION ESTIMATION

(51) International classification	:H04N7/26,H04N7/36	(71)Name of Applicant :
(31) Priority Document No	:61/623518	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/04/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/036394	(72)Name of Inventor :
Filing Date	:12/04/2013	1)SEREGIN Vadim
(87) International Publication No	:WO 2013/155428	2)WANG Xianglin
(61) Patent of Addition to Application Number	:NA	3)KARCZEWICZ Marta
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one example an apparatus for coding video data comprises a video coder configured to for a parallel motion estimation (PME) region comprising a plurality of blocks of video data within the PME region identify a common set of spatial candidate blocks outside of and adjacent to the PME region each of the common set of spatial candidate blocks at a respective predefined location relative to the PME region and for each of the blocks within the PME region for which motion information prediction is performed generate a respective motion information candidate list wherein for at least some of the blocks within the PME region for which motion information prediction is performed generating the motion information candidate list comprises evaluating motion information of at least one of the common set of spatial candidate blocks for inclusion in the motion information candidate list for the block.

No. of Pages : 60 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2441/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING LOCATIONS OF ACCESS POINTS

(51) International classification :H04W64/00
(31) Priority Document No :61/649915
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041679
Filing Date :17/05/2013
(87) International Publication No :WO 2013/176998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)GARIN Lionel Jacques
2)ZHANG Xiaoxin

(57) Abstract :

Methods systems computer readable media and apparatuses for determining locations of access points (AP) are presented. Techniques are described for determining relative and absolute locations of APs. In one embodiment a device may send and receive messages to one or more APs for from various locations for determining the distance between the device and the AP. The device may additionally keep track of its own displacement for the purposes of determining the location of the one or more APs. In one embodiment the device also determines the turnaround calibration factor (TCF) for the AP that compensates for the processing time at the AP may also be used for increasing the accuracy of the determination of the location of the AP.

No. of Pages : 59 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2442/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR CONVERSION OF LOWER ALIPHATIC ETHERS TO AROMATICS AND LOWER OLEFINS

(51) International classification :B01J29/06,B01J29/87,B01J29/40
(31) Priority Document No :12003779.1
(32) Priority Date :14/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/001344
Filing Date :07/05/2013
(87) International Publication No :WO 2013/170939
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AL KHURAIMI Ali Said

(57) Abstract :

The invention relates to a process for converting a feed stream consisting of reactive components and an optional feed diluent to a product stream comprising aromatic hydrocarbons and C2 C3 olefins wherein the reactive components comprise at least 90 vol% of an aliphatic ether selected from the group consisting of methyl tertiary butyl ether and ethyl tertiary butyl ether the process comprising the step of contacting the feed stream with a catalyst composition comprising a zeolite catalyst wherein the zeolite catalyst is a zeolite modified by Ga and an element M1 selected from the group consisting of Zn Cd and Cu.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2208/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUSTAINABLE ADSORBABLE POLYMERS

(51) International classification :C09C1/02,A24D1/00,D21H17/00

(31) Priority Document No :12167664.7

(32) Priority Date :11/05/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/059377

Filing Date :06/05/2013

(87) International Publication No :WO 2013/167527

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)BURI Matthias

3)RENTSCH Samuel

4)GANNEAU Ccile

(57) Abstract :

The present invention relates to an aqueous suspension of mineral pigment materials having high solids content which contain dispersing agents and/or grinding agents based on renewable sources and methods for preparing such a suspension and its use.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2439/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENERGY MANAGEMENT SYSTEM AND FUEL SAVING METHOD FOR A HYBRID ELECTRIC VEHICLE

(51) International classification :B60W30/18,B60W20/00,B60W10/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/001975
Filing Date :08/05/2012
(87) International Publication No :WO 2013/167149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)AXELSSON Tobias

(57) Abstract :

The object of the present invention is to provide an inventive energy management system (1) for a hybrid electric vehicle (30) that comprises an electrical machine (2) for vehicle traction drive and recuperative braking an electrical storage system ESS (4) for storing recuperated energy and at least one additional vehicle electrical auxiliary device (10 20) different from said electrical machine (2). An energy management controller (9) is arranged to upon establishing a potential for increased amount of recuperated energy during a predicted future downhill descent (32) direct electrical power from said ESS (4) to said at least one additional electrical auxiliary device (10 20) for the purpose of reducing the electrical charge level of the ESS (4) such that an increased amount of energy may be recuperated and stored in said ESS (4) during said predicted future downhill descent (32).

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

(54) Title of the invention : SELF CLEANING WASHING MACHINE AND CONTROL METHOD

(51) International classification :D06F39/10,D06F39/08,D06F33/02
 (31) Priority Document No :201210188729.7
 (32) Priority Date :08/06/2012
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2012/084714
 Filing Date :16/11/2012
 (87) International Publication No :WO 2013/181901
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)SHU Hai
2)LV Peishi
3)XU Sheng

(57) Abstract :

Disclosed are a self cleaning washing machine and a control method. The washing machine comprises an outer drum (1) an inner drum (2) a wave wheel (3) and a water drainage apparatus (4) wherein cleaning pellets (6) to clean the inner wall of the outer drum and the outer wall of the inner drum are provided in a chamber (5) between the inner drum (2) and the outer drum (1). The washing machine is provided with an isolating structure preventing the cleaning pellets (6) from escaping from the chamber (5) wherein the isolating structure comprises a filtration mechanism (7) arranged in the water drainage apparatus (4) to stop the cleaning pellets (6) being drained away when the water is drained and/or a grid mechanism (8) arranged at the bottom part of the inner drum to stop the cleaning pellets (6) entering the inner drum (2) from the bottom of the inner drum and also comprises a filtration grid (9) arranged at a water overflow port (11) of the outer drum to stop the cleaning pellets (6) flowing out with the overflow water and an outer drum cover (10) arranged at the top part of the outer drum to cover the annular opening of the chamber (5). After the washing has finished in the process of draining water and/or in the spin dry process the inner drum (2) is controlled to carry out different actions making the cleaning pellets (6) together with the washing water flow through a water drainage opening to be collected by a water drainage valve (44). The present invention has a simple structure can effectively clean the drum walls between the inner and outer drums and prevents the number of cleaning pellets from reducing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

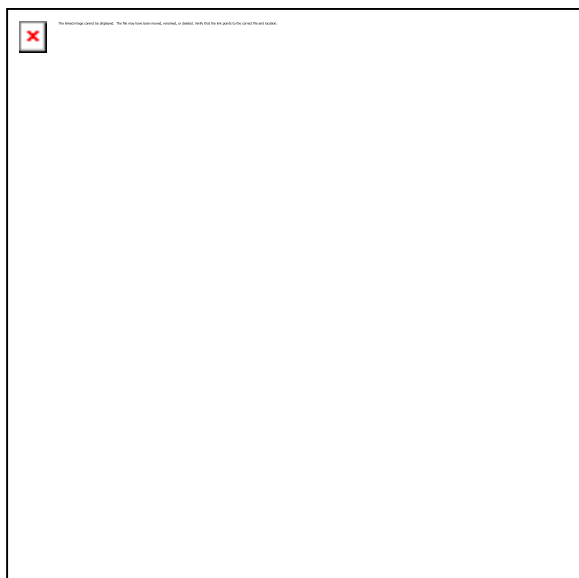
(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING HARDENED GRANULES FROM IRON CONTAINING PARTICLES

(51) International classification	:C22B1/242
(31) Priority Document No	:10 2012 005 454.8
(32) Priority Date	:20/03/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/054558
Filing Date	:07/03/2013
(87) International Publication No	:WO 2013/139606
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BEYZAVI Ali Naghi
2)FORMANEK Lothar

(57) Abstract :

In the production of hardened granules from iron containing particles the iron containing particles are mixed with at least one binder and water to obtain a mix the mix is formed to granules and the granules are introduced into a fluidized bed reactor for hardening. To reduce the abrasion in the downstream processing stages the still moist granules are introduced into the fluidized bed reactor at the hottest point of the fluidized bed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2122/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CO-SIMULATION PROCEDURES USING FULL DERIVATIVES OF OUTPUT VARIABLES

(51) International classification	:G06F17/16	(71)Name of Applicant :
(31) Priority Document No	:13/538,343	1)DASSAULT SYSTEMES, S.A.
(32) Priority Date	:29/06/2012	Address of Applicant :10 Rue Marcel Dassault Velizy
(33) Name of priority country	:U.S.A.	Villacoublay, 78140 France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BELSKY, Vladimir
(87) International Publication No	: NA	2)ENGELMANN, Bruce Edward
(61) Patent of Addition to Application Number	:NA	3)ELMQVIST, Hilding
Filing Date	:NA	4)OLSSON, Hans Roland
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-implemented method for use in simulating dynamic behavior of complex engineering systems comprised of several subsystems includes computing a Jacobian matrix based on output derivatives, wherein the output derivatives are based on corresponding state variable derivatives related to corresponding first input variables for each of a plurality of subsystems. The method also includes modifying the first input variables and computing second input variables and residuals for each of the plurality of subsystems based on corresponding state variable derivatives.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2450/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PIPES FOR PIPELINES HAVING INTERNAL COATING AND METHOD FOR APPLYING THE COATING

(51) International classification :C09D201/00,B05D3/06,C09D133/06
(31) Priority Document No :12175250.5
(32) Priority Date :06/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/064247
Filing Date :05/07/2013
(87) International Publication No :WO 2014/006181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEGROS Philippe
2)STONE Vincent William Marcel
3)DIAZ GONZALES Eva

(57) Abstract :

The present invention relates to a pipe for a pipeline installation which pipe comprises a UV cured coating on the inner surface of said pipe said coating having been obtained by UV curing a coating composition comprising at least the following components : one or more oligomers being photocurable (meth)acrylate resins one or more (meth)acrylate monomers one or more adhesion promoters one or more photopolymerization initiators and to method for applying a liquid coating composition to the interior surface of a pipe and for curing the coating and to such a liquid coating composition.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2451/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : VALVE AND DIAPHRAGM FOR A VALVE

(51) International classification :F16K41/12
(31) Priority Document No :10 2012 009 585.6
(32) Priority Date :15/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/001315
Filing Date :03/05/2013
(87) International Publication No :WO 2013/170931
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Am Industriepark 2 10 21514 B¼chen
Germany
(72)Name of Inventor :
1)SDEL Matthias
2)PIELOW Jrg

(57) Abstract :

The invention relates to a valve (100) having a valve housing (160) which has a first port (102) and a second port (104) having a closing member (106) which is movable along an axial direction and which can be placed into a closed position in which the closing member (106) interacts sealingly with a valve seat (108) arranged between the first port (102) and second port (104) whereby a fluid connection between the first and second ports (102 104) is blocked and having a diaphragm (200) which is impermeable to fluid comprises a central opening (212) through which a closing member arrangement (126) comprising the closing member (106) extends comprises a clamping section (206) which runs in a clamping gap oriented obliquely with respect to the axial direction and is held with sealing action at one side on the closing member arrangement (126) and at the other side on a holding arrangement (120) on the valve housing. To provide a valve that has a reduced need for maintenance it is proposed that the diaphragm (200) has a first section (202) situated at an outer edge and has a second section (204) adjoining the first section (202) radially to the inside that the first section is held in the holding arrangement with a force fit that the second section is guided in the holding arrangement and that the first and second sections (202 204) are arranged at an angle (V) with respect one another and the holding arrangement is configured such that a form fit is generated by the first section (202) second section (204) and holding arrangement (figure 2). The invention also relates to a diaphragm for a valve.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2213/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEPOT FORMULATIONS OF A HYDROPHOBIC ACTIVE INGREDIENT AND METHODS FOR PREPARATION THEREOF

(51) International classification :A61K9/127,A61K47/10,A61K47/46
(31) Priority Document No :61/645,066
(32) Priority Date :10/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050404
Filing Date :09/05/2013
(87) International Publication No :WO 2013/168167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Pituah Israel
(72)Name of Inventor :
1)AMSELEM Shimon
2)NAVEH Michael

(57) Abstract :

The invention provides extended release pro liposomal non aqueous pharmaceutical formulations of a hydrophobic active pharmaceutical ingredient (API) of low water solubility but readily dissolved in alcohols and methods for making same. The formulations can be administered by infiltration into an incision or by injection.

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2445/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TONGUELESS FOOTWEAR WITH A CANOPY

(51) International classification :A43B11/00,A43C11/00,A43B23/00
(31) Priority Document No :61/688431
(32) Priority Date :14/05/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/040805
Filing Date :13/05/2013
(87) International Publication No :WO 2013/173243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)7EVEN DYNAMICS INC.
Address of Applicant :1013 Amarillo Avenue Palo Alto CA
94303 U.S.A.
(72)Name of Inventor :
1)PIERCE Elisha George
2)JELMYER Thomas

(57) Abstract :

A tongueless footwear includes a sole a first side an opposing second side a canopy and a fastening system. The canopy is coupled to the first side and configured to extend over the second side thereby providing substantially direct support for the ankle and instep of a user. The fastening system is configured to securely fasten the canopy to the second side and can include a toggle system with a cord anchors and a cord tensioner

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2446/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROPULSION SYSTEM FOR A VEHICLE OR A TOY VEHICLE

(51) International classification :A63H27/00,A63H17/00,A63H17/26
(31) Priority Document No :1210010.3
(32) Priority Date :07/06/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/061864
Filing Date :07/06/2013
(87) International Publication No :WO 2013/182708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MIELNICZEK Witold
Address of Applicant :590 Kingston Road London SW20 8DN U.K..
(72)Name of Inventor :
1)MIELNICZEK Witold

(57) Abstract :

A propulsion system for a vehicle or toy vehicle is disclosed. The system comprises rotary drive means for driving the vehicle along ground the rotary drive means operating in a plane and having a peripheral ground engagement part. The system further comprises a rotor comprising one or more rotor blades rotatable about a rotor axis for producing thrust wherein the rotary drive means and the rotor are positioned relative to each other so that during rotation of the rotor the rotor blades pass through the plane of the rotary drive means inside the peripheral ground engagement part. In this way the rotor blades are protected by the peripheral ground engagement part.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PACKET FOR TOBACCO PRODUCTS AND FLAT BLANK FOR MAKING THE PACKET

(51) International classification	:B65D85/10,B65D5/02	(71)Name of Applicant :
(31) Priority Document No	:BO2012A000341	1)G.D S.P.A.
(32) Priority Date	:20/06/2012	Address of Applicant :Via Battindarno 91 I 40133 Bologna
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2013/055063	(72)Name of Inventor :
Filing Date	:20/06/2013	1)MARCHITTO Giuseppe
(87) International Publication No	:WO 2013/190494	2)DALFONSO Lorena
(61) Patent of Addition to Application Number	:NA	3)NEGRINI Stefano
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is a packet for tobacco products substantially in the shape of a parallelepiped and extending about a respective main direction (A) having a front wall (2) a rear wall (3) facing the front wall (2) a pair of side walls (4 5) a bottom wall (7) and a top wall (6); the bottom wall (7) and the top wall (6) have a same perimeter extension; the packet also has at least a first (8) and a second corner wall (9) each of which is interposed between a side wall (4 5) and the respective front wall (2) or rear wall (3) and has a transversal dimension variable along the main direction (A); the first corner wall (8) has a geometry complementary to that of the second corner wall (9) in such a way as to keep substantially constant the perimeter extension of each section of the packet (1) transversal to the main direction (A).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2449/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : VEHICLE STEP ASSEMBLY

(51) International classification	:B60R3/00, B60R3/02	(71) Name of Applicant : 1)DEERE & COMPANY
(31) Priority Document No	:61/809, 921	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA
(32) Priority Date	:09/04/2013	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)PUGH RICHARD
(86) International Application No	:NA	2)KNIPPER JASON G
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 step assembly is mounted to the undercarriage frame of a track laying work vehicle to permit entry and exit to and from the operators station. The vehicle can have interchangeable tracks with different widths. The step assembly includes a removable spacer. The spacer is inserted when wider tracks are used and the spacer is removed when narrower tracks are used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2456/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHODS OF ENERGY EFFICIENT COMMUNICATION

(51) International classification :H04L5/00,H04W76/04,H04W52/02

(31) Priority Document No :61/667612

(32) Priority Date :03/07/2012

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

(86) International Application No :PCT/US2013/047517

Filing Date :25/06/2013

(87) International Publication No :WO 2014/008032

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor :

1)GAAL Peter

2)XU Hao

3)CHEN Wanshi

4)MALLADI Durga Prasad

(57) Abstract :

A method of energy efficient wireless communication including obtaining a signal pattern defining resources for use in transmitting or receiving signals with variable signal density over time the signals including a plurality of signals defining a signal burst configuring the resources based on the signal pattern including aligning a discontinuous reception (DRX) period with the signal burst and transmitting or receiving the signals including the signal burst aligned with the DRX period according to the signal pattern to achieve variable density signal transmission or reception over time. Additionally a method may include obtaining a signal pattern that defines a first set of signals with a first density and a first periodicity and a second set of signals with a second density different than the first density and a second periodicity different than the first periodicity and communicating reference signals among the plurality of communications devices based on the signal pattern.

No. of Pages : 62 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2457/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : REACTIVE USER INTERFACE FOR HEAD MOUNTED DISPLAY

(51) International classification	:G06F3/0487,G02B27/01	(71)Name of Applicant :
(31) Priority Document No	:61/661401	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/06/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/042222	(72)Name of Inventor :
Filing Date	:22/05/2013	1)MULHOLLAND James Joseph
(87) International Publication No	:WO 2013/191846	2)MACIOCCI Giuliano
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention are directed toward allowing a see through HMD to intelligently react to sensor and other input to adjust how visual elements showing video are displayed. The HMD can react to different sensor input in different ways enabling the HMD to provide graduated responses based on the degree and type of sensor input received. These responses may further be based on a determination of the context of the user to help ensure an intelligent appropriate response.

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2458/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A COMMUNICATION DEVICE

(51) International classification :G01S3/16,G01S3/18,G01S5/00	(71) Name of Applicant : 1)JACKTRAK LIMITED Address of Applicant :Oakhurst Hurston Lane Storrington Sussex RH20 4HH U.K.
(31) Priority Document No :1208294.7	
(32) Priority Date :11/05/2012	
(33) Name of priority country :U.K.	
(86) International Application No :PCT/GB2013/051230	(72) Name of Inventor :
Filing Date :13/05/2013	1)MULLINS Robert
(87) International Publication No :WO 2013/167914	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A communication device (1) operable to communicate with another communication device (3) to determine the location of the two devices with respect to one another the communication device having a plurality of antennas (5 7 9) and being configured to transmit an interrogation radio wave signal (11) to the other communication device from at least one of the antennas the communication device being configured to detect at each one of the antennas a radio wave reply signal sent from the other communication device in response to the interrogation signal; the communication device including a processing module for processing the reply signal received at each antenna the processing module being configured to determine a direction in which the other communication device is located based on characteristics of the reply signal as received at each antenna.

No. of Pages : 67 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2459/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTIVIRAL COMPOUNDS INHIBITORS OF HCV NS5B

(51) International classification :C07D491/052,A61K31/4188
(31) Priority Document No :61/647966
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041201
Filing Date :15/05/2013
(87) International Publication No :WO 2013/173488
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :333 Lakeside Drive Foster City
California 94404 U.S.A.
(72)Name of Inventor :
1)LINK John O.
2)COTTELL Jeromy J.
3)TREJO MARTIN Teresa Alejandra
4)BACON Elizabeth M.

(57) Abstract :

The disclosure is related to anti viral compounds of formula (I) compositions containing such compounds and therapeutic methods that include the administration of such compounds as well as to processes and intermediates useful for preparing such compounds.

No. of Pages : 364 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2460/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR DETERMINING A PAIR OF PROGRESSIVE OPHTHALMIC LENSES

(51) International classification	:G02C7/02,G02C7/06	(71)Name of Applicant :
(31) Priority Document No	:12305772.1	1)ESSILOR INTERNATIONAL (COMPAGNIE
(32) Priority Date	:29/06/2012	GENERALE DOPTIQUE)
(33) Name of priority country	:EPO	Address of Applicant :147 rue de Paris F 94220 Charenton Le
(86) International Application No	:PCT/EP2013/063602	Pont France
Filing Date	:28/06/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/001490	1)PAILLE Damien
(61) Patent of Addition to Application	:NA	2)ROUSSEAU Benjamin
Number	:NA	3)CONTET Aude
Filing Date	:NA	4)POULAIN Isabelle
(62) Divisional to Application Number	:NA	5)VIALET Stphanie
Filing Date	:NA	6)KARIOTY Farid

(57) Abstract :

The process comprises: determining prescribed far vision mean power and addition for each lens of the pair; determining laterality of a wearer; defining a temporal side and a nasal side on each lens of the pair; defining on each lens being worn and for each gaze direction a refractive power and a module of resulting astigmatism each gaze direction corresponding to a lowering angle and to an azimuth angle; defining a proximate vision gaze direction for each lens of the pair; defining for each lens of the pair a temporal half width field of refractive power as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the temporal side of the lens where the refractive power reaches the value of the prescribed far vision mean power plus three quarters of the prescribed addition; defining for each lens of the pair a nasal half width field of refractive power as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the nasal side of the lens where the refractive power reaches the value of the prescribed far vision mean power plus three quarters of the prescribed addition; defining for each lens of the pair a temporal half width field of module of resulting astigmatism as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the temporal side of the lens where the module of resulting astigmatism reaches the value of one quarter of the prescribed addition; and defining for each lens of the pair a nasal half width field of module of resulting astigmatism as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the nasal side of the lens where the module of resulting astigmatism reaches the value of one quarter of the prescribed addition. The ratio of the difference over the sum of temporal and nasal half width fields of refractive power and/or the ratio of the difference over the sum of temporal and nasal half width fields of module of resulting astigmatism are determined for each lens of the pair based on the laterality of the wearer.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2461/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LEDGF PEPTIDES AND FORMULATIONS THEREOF FOR TREATMENT OF DEGENERATIVE DISORDERS

(51) International classification :A61K38/18,C07K14/475,C12N15/63
(31) Priority Document No :61/649847
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042074
Filing Date :21/05/2013
(87) International Publication No :WO 2013/177198
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KOMPELLA Uday B.
2)BAID Rinku
3)UPADHYAY Arun K.
4)YANDRAPU Sarath

(57) Abstract :

LEDGF peptides with anti protein aggregation activity and methods of use are provided. The LEDGF peptides disclosed herein demonstrate an ability to treat degenerative diseases and diseases with various cellular stresses including oxidative stress and protein aggregation stress. In addition extended release formulations including formulations suitable for ophthalmic administration are provided.

No. of Pages : 90 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2462/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ODOR EXTRACTOR

(51) International classification :E03D9/05,E03D9/04,F24F7/06
(31) Priority Document No :MX/u/2012/000202
(32) Priority Date :09/05/2012
(33) Name of priority country :Mexico
(86) International Application No :PCT/US2013/035243
Filing Date :04/04/2013
(87) International Publication No :WO 2013/169415
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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2)GALLARDO CHAPARRO Rogelio
(72)Name of Inventor :
1)GALLARDO CHAPARRO Cesar
2)GALLARDO CHAPARRO Rogelio

(57) Abstract :

An improved odor extracting apparatus and system are disclosed. The disclosed embodiments provide an exhaust vacuum for a toilet with associated venting installed through existing walls windows ceilings or other outlets. The exhaust apparatus suctions air and aerosol particles from the toilet bowl to prevent lingering odor in the restroom and areas proximate to the restroom. Embodiments of the disclosed odor extractor are installed either independently of the toilet seat or incorporated in the toilet seat manufacturing process. Exemplary models fit any make of toilet seat and are interchangeable between toilet seats. The disclosed odor extractor is low in both noise and vibration.

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

(54) Title of the invention : AN INNOVATIVE METHOD TO REDUCE NOX EMISSIONS FROM A BIODIESEL BLEND OPERATED COMPRESSION IGNITION ENGINE WITHOUT AFFECTING ENGINE THERMAL PERFORMANCE.

(51) International classification	:F02B43/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. M. S. MURTHY
(32) Priority Date	:NA	Address of Applicant :PROFESSOR, MECH. ENGG.
(33) Name of priority country	:NA	INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY,
(86) International Application No	:NA	PITHAMPUR ROAD, OPP. TO IIM, INDORE, RAU, INDORE-
Filing Date	:NA	453331 Madhya Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. M. S. MURTHY
Filing Date	:NA	2)DR. R.D.MISRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method of reducing the NOx emissions of the biodiesel operated compression ignition engine by using the base vegetable oil from which the biodiesel is made as an additive. Optimal percentage of this straight vegetable oil has been identified which would reduce the NOx emissions without affecting the engine thermal performance. It is wonderful invention which has far reaching consequences as far as industrial and regular day today usage of biodiesel in the Compression ignition engine, literature in the form of published work all around the world show that the wide spread usage of biodiesels is still limited by many factors including their availability, cost and more importantly NOx emissions. The high level of NOx emissions is the major obstacle standing in the way of broad support for biodiesel, and much research has been devoted to its reduction, particularly in light of stringent exhaust emission regulations being imposed on diesel engines over the next few years. Many researchers have reported that CI engines fuelled with pure biodiesel and blends with petrodiesel have higher NOx emissions. This invention solves the problem of higher NOx emissions without affecting the engine brake thermal efficiency. Abstract Biodiesel usage either in pure or blended with petrodiesel has generated considerable interest as an alternate fuel source for CI engine. 20% biodiesel blend is considered by many researchers as a feasible alternative to the petrodiesel in compression ignition engine. Biodiesel blends are characterized by lower viscosity, better combustion properties, and higher Cetane number than blends of their straight vegetable oils. The biodiesel blends normally have lower HC and CO emissions but have higher NOx emissions when used in a Compression ignition engine. In the present experiment, higher NOx emission from a 20% palm biodiesel fuelled compression ignition engine is addressed using palm oil as additive. Palm oil in 2.5%, 5% and 10% are added to 20% palm biodiesel blend and the resultant fuel blends are used in compression ignition engine to evaluate the thermal performance and emissions of the engine. The 20% palm biodiesel blend with 5% palm oil emerged out to be the most suitable blend. It is observed that at 85% load brake thermal efficiency of this blend is 2% higher than 20% palm biodiesel blend and 3% higher than that of diesel. An 8% reduction in NOx emissions is achieved compared to 20% palm biodiesel blend. Background The ever increasing fossil fuel prices and environmental concerns have driven mankind to look for alternatives to these fuels. Vegetable oils have shown a lot of promise in this regard. The use of straight vegetable oils (SVOs) as a fuel for compression ignition engines is restricted by certain unfavorable properties of these oils, particularly their viscosity. This high viscosity results from the high molar masses of the oils and the presence of unsaturated fatty acids. At high temperatures there can be certain problems due to polymerization of unsaturated fatty acids. This occurs when cross-linking starts to occur between molecules, causing the formation of very large agglomerations and consequent gumming. The higher viscosities of SVOs cause poor fuel atomization, which leads to incomplete fuel combustion and carbon deposition on the injector and valve seat, resulting in serious engine fouling [1-5]. There are a number of ways to reduce the viscosity of the vegetable oil. Dilution, micro-emulsification, pyrolysis and transesterification are the four techniques applied to solve the problems encountered with the high fuel viscosity. One of the most common methods used to reduce oil viscosity in the biodiesel industry is called transesterification. Chemical conversion of the SVO to its corresponding fatty ester, namely biodiesel, is called transesterification [6, 7]. The viscosity values of vegetable oils are between 27.2 and 53.6 mm /s, whereas those of biodiesels are between 3.6 and 4.6 mm /s [8]. Biodiesels address many problems faced by SVOs like viscosity, improper spray pattern, improper combustion etc. to a large extent as their viscosities are about 10-14 times less than SVOs. Biodiesel can be used directly or as blends with petrodiesel fuel in a diesel engine. Blends of up to 20% biodiesel mixed with petrodiesel fuel can be used in nearly in all diesel equipment and are compatible with most storage and distribution equipment [8, 9]. However, the wide spread usage of biodiesels is still limited by many factors including their availability, cost and more importantly NOx emissions. The high level of NOx emissions is the major obstacle standing in the way of broad support for biodiesel, and much research has been devoted to its reduction, particularly in light of stringent exhaust emission regulations being imposed on diesel engines over the next few years. Many researchers have reported that CI engines fuelled with pure biodiesel and blends with petrodiesel have higher NOx emissions [10-13].

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2463/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ARRANGEMENT FOR PHYSICALLY MOVING TWO DIMESIONAL THREE DIMENSIONAL AND/OR STEREOSCOPIC THREE DIMENSIONAL VIRTUAL OBJECTS

(51) International classification :G06T19/20,G06T15/00,G06T11/00
(31) Priority Document No :2012902045
(32) Priority Date :18/05/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000505
Filing Date :16/05/2013
(87) International Publication No :WO 2013/170302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JUMBO VISION INTERNATIONAL PTY LTD
Address of Applicant :Unit 1 3 Park Way Mawson Lakes
South Australia 5095 Australia
(72)Name of Inventor :
1)KIMENKOWSKI Gerhard

(57) Abstract :

An arrangement for moving virtual object images within a real space. The arrangement includes a virtual object image creator. A tangible object in electrical and/or electronic communication with the virtual object image creator such that when a virtual object image is generated by the virtual object image creator electrical and/or electronic communication between the tangible object and the generated virtual object image is such that upon movement of the tangible object there is a translation to corresponding movement of the generated virtual object image within the real space.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2464/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPRAY FORMULATIONS WITH REDUCED CLOGGING/ SEDIMENTATION CHARACTERISTICS

(51) International classification :A01N25/06,A61K8/25,A61K8/04

(31) Priority Document No :13/492007

(32) Priority Date :08/06/2012

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

(86) International Application No :PCT/US2013/044281

Filing Date :05/06/2013

(87) International Publication No :WO 2013/184777

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)S.C. JOHNSON & SON INC.

Address of Applicant :1525 Howe Street Racine WI 53403
U.S.A.

(72)Name of Inventor :

1)TRENT John S.

(57) Abstract :

Spray compositions are formulated with powders (e.g. corn starch) which improve skin feel and also have a hydrophobically modified oxide additive (e.g. modified silica) to reduce the incidence of can/bottle clogging and sedimentation caused by the powder. The oxide is a mixed hydrophobic/hydrophilic oxide such as hydrophobically modified fumed silica (e.g. silica dimethyl silylate). In one embodiment DEET can be delivered by such formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2465/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE AND METHOD FOR PURIFYING WATER WITH FLOTATION

(51) International classification :C02F9/00,C02F1/24,C02F1/44
(31) Priority Document No :10 2012 207 731.6
(32) Priority Date :09/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058079
Filing Date :18/04/2013
(87) International Publication No :WO 2013/167358
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AKVOLUTION GMBH

Address of Applicant :c/o TU Berlin Sekr. KWT 09 Strasse
des 17. Juni 135 10623 Berlin Germany

(72)Name of Inventor :

1)REPKE Jens Uwe

2)WOZNY Ginter

3)BEERY Matan

(57) Abstract :

The present invention relates to a device for purifying water in particular for pre purifying seawater comprising at least one container (10) for accommodating water mixed with at least one flocculation agent in order to removed organic and possibly biological constituents contained in the water wherein the at least one container (10) comprises at least one contact zone K for contacting the water mixed with the flocculation agent with at least one gas in particular air and at least one separation zone S for removing the organic constituents driven up by the gas wherein the at least one gas introduction unit (30) is arranged in the at least one contact zone K and at least one filtration unit (40) is arranged in the at least one separation zone S. The at least one gas is injected by means of the at least one gas introduction unit (30) without using a liquid carrier. The invention further relates to a method for purifying water using said device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2466/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A MODULAR HOUSE A MODULAR HOUSING SYSTEM A METHOD FOR BUILDING A MODULAR HOUSE AND USE OF A MODULAR HOUSE

(51) International classification	:E04B1/348
(31) Priority Document No	:PA 2012 70276
(32) Priority Date	:24/05/2012
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2013/050155
Filing Date	:21/05/2013
(87) International Publication No	:WO 2013/174385
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)WORLD FLEXHOME APS
Address of Applicant :Industrivej 25 DK 3300 Frederiksv'rk
Denmark
(72)Name of Inventor :
1)BACH S'RENSEN Anders

(57) Abstract :

Disclosed is a modular house (1) comprising three or more elongated modules (2) having substantially similar height (H) wherein one or more of the three or more modules (2) are arranged to form a first sidewall (3) and one or more further modules (2) of the three or more modules (2) are arranged to form a second sidewall (4). The second sidewall (4) is arranged opposite the first sidewall (3) and the first sidewall (3) is arranged at a distance from the second sidewall (4) so that a free space (5) is arranged between the sidewalls (3 4). The modular house (1) further comprises a roof (6) extending across the free space (5) between an upper side (7) of the first sidewall (3) and an upper side (7) of the second sidewall (4) wherein the number of modules (2) forming the vertical extent (E) of the first sidewall (3) is different from the number of modules (2) forming the vertical extent (E) of the second sidewall (4) so that one of the first and the second sidewall (4) is higher than the other. A modular housing system comprising a number of substantially identical modular houses(1) is also disclosed along with a method for building a modular house (1) being optimized towards harvesting energy from the sun and use of a modular house (1).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BEAD RING WINDING DEVICE

(51) International classification :B29D30/48,B21F37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/058251
Filing Date :28/03/2012
(87) International Publication No :WO 2013/145192
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FUJI SEIKO CO. LTD.
Address of Applicant :60 Hirakata 13 chome Fukuju cho
Hashima shi Gifu 5016257 Japan
2)FUJI SHOJI CO. LTD.
(72)Name of Inventor :
1)NISHIDA Kihachiro

(57) Abstract :

A bead ring winding device is provided with a traverse mechanism (12) comprising: a rotating body (21); a traverse roller (35); and an air cylinder (44). The rotating body (21) is provided so as to be capable of rotating about a rotation shaft and has an outer peripheral surface on which an annular winding section (23) for winding a wire is formed. The traverse roller (35) engages with the wire (W) wound by the winding section (23) and arranges the windings of the wire (W) side by side in the direction of extension of the rotation shaft. The air cylinder (44) applies pressing force to the traverse roller (35) in the direction in which the traverse roller (35) presses the wire (W). The bottom surface of the winding section (23) is formed in a tapered shape. The traverse mechanism (12) is provided with a cam member (63) having a sloped cam surface (63a). The sloped cam surface (63a) guides the traverse roller (35) so that the traverse roller (35) traverses parallel to the tapered surface (24a) of the winding section (23).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GRIPPING DEVICE FOR BEAD RING

(51) International classification	:B29D30/48,B29D30/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/059563
Filing Date	:06/04/2012
(87) International Publication No	:WO 2013/150650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)FUJI SEIKO CO. LTD.
Address of Applicant :60 Hirakata 13 chome Fukuju cho
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2)FUJI SHOJI CO. LTD.
(72)Name of Inventor :
1)TAKAGI Chikara

(57) Abstract :

A gripping device (10) for a bead ring (15) grips the bead ring (15) while the leading end and trailing end thereof are affixed the bead ring (15) comprising a wire which is wound around an annular winding section provided to the outer peripheral surface of a rotating body. The gripping device (10) has an upper gripping section (16) for gripping the upper part of the bead ring (15) and has a lower receiving section (19) for receiving the lower part of the bead ring (15). The upper gripping section (16) comprises a pair of gripping bodies which can be opened and closed so as to grip the upper part of the bead ring (15). The lower receiving section (19) comprises a receiving recess section for receiving the lower end of the bead ring (15).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2032/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SCLERAL EPIMACULAR IMPLANT

(51) International classification	:A61F2/14
(31) Priority Document No	:12382348.6
(32) Priority Date	:13/09/2012
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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Address of Applicant :Parque Tecnol³gico de • lava Ferdinand Zeppelin, 1 01510 Mi±ano (• lava) Spain.
2)Nadal Reus, Jer³nimo
(72)Name of Inventor :
1)Nadal Reus, Jer³nimo
2)Salazar Salegui, Pedro Jos
3)Pulido, Jos
4)Barraquer Compte, Rafael Ignacio

(57) Abstract :

The scleral epimacular implant comprises an arm (6) with a curved configuration, having a first end (1), which can be affixed to a retina (8). The arm (6) comprises a second end (3) comprising a discoidal element (4), whose internal face facing the curvature of the arm (6) is constituted as an indentation platform (5), configured to be in contact with the retina (8) when the implant is placed in said retina (8). Figure 2 is the representative figure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2470/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING DIVERSE MULTIPLE CARRIER AGGREGATION

(51) International classification	:H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:61/689382	1)RIVADA NETWORKS LLC
(32) Priority Date	:05/06/2012	Address of Applicant :7899 Levington Drive Colorado Springs
(33) Name of priority country	:U.S.A.	CO 80920 U.S.A.
(86) International Application No	:PCT/US2013/044286	(72)Name of Inventor :
Filing Date	:05/06/2013	1)SMITH Clint
(87) International Publication No	:WO 2013/184781	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of systems and methods are presented to provide diverse multiple channel aggregation for wireless broadband edge devices with existing wireless technologies. A method and apparatus for supporting aggregation of multiple diverse RF carriers are disclosed. A wireless edge device capable of transmit and receiving on multiple diverse RF carriers using one or multiple wireless standards A wireless edge device may utilize carrier aggregation using the same radio access scheme with different frequency bands and possibly different rf band widths. Additionally a wireless edge device which can utilize different radio access schemes with different frequency bands The radio access scheme and the frequency bands that the wireless edge device can use may be provided by one wireless network operator or by multiple wireless network operators.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1947/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LAUNDRY DETERGENT PARTICLE

(51) International classification :C11D3/04,C11D3/40,C11D17/00

(31) Priority Document No :12163029.7

(32) Priority Date :03/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/053125

Filing Date :15/02/2013

(87) International Publication No :WO 2013/149754

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)UNILEVER PLC

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(72)Name of Inventor :

1)BATCHELOR Stephen Norman

2)CHAPPLE Andrew Paul

3)KENINGLEY Stephen Thomas

(57) Abstract :

The present invention provides lenticular or disc detergent particles comprising surfactant inorganic salts and pigment wherein the inorganic salts are present on the detergent particles as a coating and the surfactant and the pigment are present as a core. The particles show reduced staining.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1948/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LAUNDRY DETERGENT PARTICLES

(51) International classification :C11D3/04,C11D3/40,C11D17/00

(31) Priority Document No :12163026.3

(32) Priority Date :03/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/053124

Filing Date :15/02/2013

(87) International Publication No :WO 2013/149753

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BATCHELOR Stephen Norman

2)CHAPPLE Andrew Paul

3)KENINGLEY Stephen Thomas

(57) Abstract :

The present invention provides lenticular or disc detergent particles comprising (i) surfactant (ii) inorganic salts (iii) pigment wherein the inorganic salts and the pigment are present on the detergent particle as a coating and the surfactant is present as a core. The particles show reduced staining.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2247/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IN-DOOR AND OUT-DOOR ULTRA-FAST COMMUNICATION USING EXTREMELY HIGH FREQUENCY RADIO WAVES AND FREE SPACE OPTICAL LASER BEAM.

(51) International classification	:H04B1/69, H04L25/49	(71) Name of Applicant : 1)AMIT KUMAR JAIN Address of Applicant :F1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)AMIT KUMAR JAIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention combines the use of free space optical laser data transmission beam(s) and wireless radio wave signals at 5Ghz band and/or 60Ghz band. Free space optical laser data transmission beam(s) and wireless radio wave signals at 5Ghz band and/or 60Ghz band are used individually at situations where they can provide the fastest possible data transmission and, to further assure this, a switching of transmission medium between said laser data transmission beam(s) and said wireless radio wave signals is carried out. If a situation is such that laser beams can provide better and faster data transmissions than said radio wave signals, then laser data transmission beam(s) are selected for data transmission. On the other hand, if a situation is such that said radio wave signals can provide better and faster data transmissions than said laser data transmission beam(s), then said radio wave signals are selected for data transmission.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2361/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CANISTER GAS PRESSURE INDICATOR

(51) International classification	:G01L27/00, G01F23/14	(71)Name of Applicant : 1)ENDURANCE TECHNOLOGIES PRIVATE LIMITED, Address of Applicant :E 92, M.I.D.C. INDUSTRIAL AREA, WALUJ, AURANGABAD-431136, MAHARASHTRA India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KHARUL RAVINDRA VYANKATRAO
(33) Name of priority country	:NA	2)RAHUL TRIBHUWAN
(86) International Application No	:NA	3)SOMALINGAYYA HIREMATH
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 canister gas pressure indication system for a shock absorber comprising a gas chamber, an indication pin, an indication pin guide, a defined gas path and a spring arrangement having a coil spring wherein the gas passes from the gas chamber through the gas path and compresses the spring arrangement and when the gas pressure over the spring reduces due to less pressure in the gas chamber, the spring expands and the indication pin comes out of the canister assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2475/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTRATHECAL ADMINISTRATION OF MTOR INHIBITORS FOR THE THERAPY OF NEURODEGENERATIVE NEUROINFLAMMATORY AND NEUROONCOLOGIC DISEASES

(51) International classification :A61K9/08,A61K31/436,A61P25/28
(31) Priority Document No :MI2012A000814
(32) Priority Date :11/05/2012
(33) Name of priority country:Italy
(86) International Application No :PCT/IB2013/053792
Filing Date :10/05/2013
(87) International Publication No :WO 2013/168131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Contra Motton San Lorenzo 11 I 36100
Vicenza Italy
(72)Name of Inventor :
1)DOLCETTA Diego

(57) Abstract :

The invention relates to the use of inhibitors of the enzyme mTOR kinase (mammalian target of rapamycin) in the treatment of neuro oncologic diseases in particular tuberous sclerosis neurodegenerative diseases in particular Alzheimer s disease and neuroinflammatory diseases in particular multiple sclerosis and primary progressive aphasia via intrathecal or preferably intraventricular administration of said inhibitors.

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

(54) Title of the invention : SELF MOVING TUNNEL SUPPORT CANOPY

(51) International classification :E21D23/04,E21D23/06,E21D23/16
 (31) Priority Document No :201210127714.X
 (32) Priority Date :26/04/2012
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2012/077530
 Filing Date :26/06/2012
 (87) International Publication No :WO 2013/159448
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)LI Xinbin

(57) Abstract :

Disclosed is a self moving tunnel support canopy comprising a front arch frame (1) a rear arch frame (2) front moving jacks (3) and support jacks (4). The front arch frame (1) comprises more than three front longitudinal beams (10) and more than three front arch beams (11) with all the front longitudinal beams (10) placed longitudinally along the arched upper surface of the front arch beams (11) each front longitudinal beam (10) connected to all the front arch beams (11) and the support jacks (4) being provided below the front arch frame (1). The rear arch frame (2) comprises more than three rear longitudinal beams (20) and more than three rear arch beams (21) with all the rear longitudinal beams (20) placed longitudinally along the arched upper surface of the rear arch beams (21) each rear longitudinal beam (20) connected to all the rear arch beams (21) and the support jacks (4) being provided below the rear arch frame (2). The front longitudinal beams (10) are spaced apart from the rear longitudinal beams (20) and the front arch beams (11) are spaced at a distance from the adjacent rear arch beams (21) at the front. One end of the front moving jacks (3) is connected to the front arch frame (1) and the other end of the front moving jacks (3) is connected to the rear arch frame (2). The front arch beams (11) and the rear arch beams (21) are all arched beams. Using the present self moving tunnel support canopy saves time and effort and is safe and reliable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCASPASE COMBINATION THERAPY FOR GLIOBLASTOMA

(51) International classification :A61K31/05,A61K31/175,A61K31/4172
(31) Priority Document No :61/607103
(32) Priority Date :06/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029391
Filing Date :06/03/2013
(87) International Publication No :WO 2013/134398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)VANQUISH ONCOLOGY INC.
3)THE JOHNS HOPKINS UNIVERSITY
(72)Name of Inventor :
1)HERGENROTHER Paul J.
2)BOTHAM Rachel C.
3)FAN Timothy M.
4)GILBERT Mark J.
5)HANDLEY Michael K.
6)RIGGINS Gregory J.
7)TARASOW Theodore M.
8)JOSHI Avadhut

(57) Abstract :

The invention provides compositions and methods for the induction of cell death for example cancer cell death. Combinations of compounds and related methods of use are disclosed including the use of compounds in therapy for the treatment of cancer and selective induction of apoptosis in cells. The disclosed drug combinations can have lower neurotoxicity effects than other compounds and combinations of compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1945/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCASPASE 3 ACTIVATION BY COMBINATION THERAPY

(51) International classification :A61K31/495,A61K31/7048,A61K31/4965
(31) Priority Document No :61/607098
(32) Priority Date :06/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029405
Filing Date :06/03/2013
(87) International Publication No :WO 2013/134407
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BOTHAM, Rachel C
4)FAN, Timothy M.
5)GILBERT, Mark J.
6)HANDLEY, Michael K. A
7)TARASOW, Theodore M.

(57) Abstract :

The invention provides compositions and methods for the induction of cell death for example cancer cell death. Combinations of compounds and related methods of use are disclosed including the use of compounds in therapy for the treatment of cancer and selective induction of apoptosis in cells. The disclosed drug combinations can have lower neurotoxicity effects than other compounds and combinations of compounds.

No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2479/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLAR THERMAL PANEL ARRAY FIELD ARRANGEMENT AND RELATED VACUUM SOLAR THERMAL PANEL

(51) International classification :F24J2/02,F24J2/26,F24J2/50
(31) Priority Document No :12170941.4
(32) Priority Date :06/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/001659
Filing Date :05/06/2013
(87) International Publication No :WO 2013/182310
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

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Geneva Switzerland

(72)Name of Inventor :

1)PALMIERI Vittorio

2)DI GIAMBERARDINO Francesco

(57) Abstract :

The present application relates to a solar array field (100) having an improved configuration comprising a plurality of vacuum solar thermal panel (1) and a hydraulic circuit (10) for circulating a heat transfer fluid said hydraulic circuit (10) comprising at least one circulation path (13 14 15 16) connecting a low temperature inlet (1 1) to a high temperature outlet (12) said circulation path (13 14 15 16) comprising a forward portion (15) successively traversing a plurality of vacuum solar thermal panels (1); said circulation path (13 14 15 16) further comprising a return portion (16) connected downstream to said forward portion (15) said return portion (16) traversing the same vacuum solar thermal panels (1) in reverse order.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2471/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COSMETIC AND / OR PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF SKIN INFLAMMATION AND RELATED SYNDROMES

(51) International classification :A61K8/34,A61K8/46,A61K31/045
(31) Priority Document No :BS2012A000093
(32) Priority Date :04/06/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/054608
Filing Date :04/06/2013
(87) International Publication No :WO 2013/182998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GENERAL TOPICS S.R.L.
Address of Applicant :Via Lungolago Zanardelli 32 I 25087
Sal² (BS) Italy
(72)Name of Inventor :
1)DE PAOLI AMBROSI Gianfranco

(57) Abstract :

The invention relates to a cosmetic and/or pharmaceutical composition in combination with suitable carriers for topical use comprising a mixture consisting of methyl sulfonyl methane and at least one compound belonging to the class of 4 alkyl cyclohexanols which is useful in the treatment of various inflammatory conditions such as rosacea. The composition can act to simultaneously hinder both the release of chemical mediators which are up regulated in rosacea and their action of causing the activation of TRPV receptors. The composition can reduce the effect of ultraviolet radiations on a skin already affected by an inflammatory process and particularly it can reduce the erythema induced by ultraviolet radiations on a skin already affected by an inflammatory process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2473/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : N PHASE POLARITY OUTPUT PIN MODE MULTIPLEXER

(51) International classification	:H04L25/02,G06F13/38	(71)Name of Applicant :
(31) Priority Document No	:61/666197	1)QUALCOMM INCORPORATED
(32) Priority Date	:29/06/2012	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/US2013/048989	(72)Name of Inventor :
Filing Date	:01/07/2013	1)WILEY George A.
(87) International Publication No	:WO 2014/005159	2)RASKIN Glenn D.
(61) Patent of Addition to Application Number	:NA	3)LEE Chulkyu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System methods and apparatus are described that facilitate transmission of data particularly between two devices within an electronic apparatus. Data is selectively transmitted as N phase polarity encoded symbols or as packets on differentially driven connectors. A desired operational mode for communicating between the two devices is determined an encoder is selected to drive a plurality of connectors communicatively coupling the two devices and a plurality of drivers is configured to receive encoded data from the encoder and drive the plurality of connectors. Switches may couple outputs of the selected encoder to the plurality of drivers. One or more outputs of another encoder may be caused or forced to enter a high impedance mode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2474/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VANE TYPE FLUID TRANSMISSION APPARATUS

(51) International classification :F01C1/344,F04C2/344
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/000893
Filing Date :29/06/2012
(87) International Publication No :WO 2014/000126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)YANG Gene Huang
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Longjing Shiang Taichung County Taiwan China
(72)Name of Inventor :
1)YANG Gene Huang
2)YANG Shun Ji

(57) Abstract :

A vane type fluid transmission apparatus comprises a stator (10) a rotor (20) at least one vane (34) at least one first lining (40) and at least one second lining (50). A chamber (13) is formed in the stator (10) and the chamber communicates with the outside through a flow channel. The rotor (20) comprises a body (21) and a main shaft (22). The main shaft (22) is connected to the body (21). The body (21) is eccentrically set in the chamber (13); the periphery of the body (21) tangentially contacts the inner wall of the chamber (13) and the body (21) is provided with at least one radial groove (23). The vane (34) is pivotally embedded in the groove (23) and contacts the inner wall of the chamber (13). The first lining and the second lining are separately and pivotally embedded in the stator (10) and revolve around the circular centre of the chamber. The vane is pivotally connected to the first lining and the second lining causing the vane to revolve around the circular centre of the chamber while moving in a reciprocating manner in the groove. One end of the vane in contact with the inner wall of the chamber forms an arc surface causing the end of the vane to keep in tangential contact with the inner wall of the chamber thus improving the efficiency of fluid pump through transmission and reducing the difficulty of manufacturing the stator to form a chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PERSONAL CARE COMPOSITION

(51) International classification :A61Q19/02,A61K8/36,A61K8/49

(31) Priority Document No :1092/MUM/2012

(32) Priority Date :03/04/2012

(33) Name of priority country :India

(86) International Application No :PCT/EP2013/054851

Filing Date :11/03/2013

(87) International Publication No :WO 2013/149791

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)UNILEVER PLC

Address of Applicant :Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.

(72)Name of Inventor :

1)GADGIL Vijay Ramchandra

2)LAHORKAR Praful Gulab Rao

(57) Abstract :

The present invention relates to a personal care composition for topical application having skin lightening application. It is an object of the present invention to provide for a personal care composition that comprises fractions obtained from natural sources that gives enhanced skin lightening as compared to known fractions from natural sources.

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

(54) Title of the invention : CLADDING MATERIAL FOR STAINLESS STEEL CLAD STEEL PLATE AND STAINLESS STEEL CLAD STEEL PLATE OBTAINED USING SAME AND PROCESS FOR PRODUCING SAME

(51) International classification :C22C38/58,B23K20/04,C21D8/02
 (31) Priority Document No :2012-099681
 (32) Priority Date :25/04/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/002658
 Filing Date :19/04/2013
 (87) International Publication No :WO 2013/161238
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
 Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
 (72)**Name of Inventor :**
1)KISHI Keiichiro
2)YAZAWA Yoshihiro
3)TACHIBANA Shunichi
4)KURONUMA Yota
5)HOSHINO Toshiyuki

(57) Abstract :

The purpose of the present invention is to provide: a cladding material for stainless steel clad steels which retain both improved reliability of the health of the bonded interfaces and the performances of the base and the cladding material (corrosion resistance and mechanical properties) and which have excellent resistance to corrosion by seawater; a stainless steel clad steel obtained using the cladding material; and a process for producing the stainless steel clad steel. The cladding material for stainless steel clad steel plates is characterized in that the cladding material after normalizing contains in terms of mass% up to 0.03% C up to 1.5% Si up to 2.0% Mn up to 0.04% P up to 0.03% S 22.0 25.0% Ni 21.0 25.0% Cr 2.0 5.0% Mo and 0.15 0.25% N with the remainder comprising Fe and unavoidable impurities has a critical pitting temperature (CPT) as provided for in ASTM of 45°C or higher and has a corrosion amount in the weld of the cladding material as determined through a corrosion test provided for in the NORSOK standard of 1.0 g/m or less. This cladding material is used to produce a stainless steel clad steel plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1951/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : OIL SEPARATOR AND GAS FUEL SUPPLY DEVICE

(51) International classification	:F02B43/00,F02M21/02	(71)Name of Applicant :
(31) Priority Document No	:2012-065880	1)AISAN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:22/03/2012	Address of Applicant :1 1 Kyowa cho 1 chome Obu shi Aichi
(33) Name of priority country	:Japan	4748588 Japan
(86) International Application No	:PCT/JP2013/057549	2)TOYOTA JIDOSHA KABUSHIKI KAISHA
Filing Date	:15/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/141179	1)FUKUDA Hideyuki
(61) Patent of Addition to Application	:NA	2)TAKASAKI Jun
Number	:NA	3)ODA Hiroshi
Filing Date	:NA	4)SUZUKI Masao
(62) Divisional to Application Number	:NA	5)KOMODA Takao
Filing Date	:NA	

(57) Abstract :

This oil separator comprises a separating part for separating oil contained in a gas fuel from the gas fuel a drain tank for retaining the separated oil and a detection mechanism for detecting the amount of oil retained in the drain tank. The separating part is disposed in the area in the drain tank that is vertically at the top. The detection mechanism is fixed to a side wall of the drain tank so as to be positioned vertically lower than the separating part inside the drain tank.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2622/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL COMPOUND HAVING ABILITY TO INHIBIT 11 HSD1 ENZYME OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF METHOD FOR PRODUCING SAME AND PHARMACEUTICAL COMPOSITION CONTAINING SAME AS ACTIVE INGREDIENT

(51) International classification :C07C311/12,A61K31/18,A61P3/10
(31) Priority Document No :10-2012-0066333
(32) Priority Date :20/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/004913
Filing Date :04/06/2013
(87) International Publication No :WO 2013/191396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :# 303 Central laboratory Incheon
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2)AHN GOOK PHARMACEUTICAL CO. LTD.

3)INCHEON UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION

(72)Name of Inventor :

1)HAN Cheol Kyu

2)AUH Jin

3)CHOI Nam Song

4)HAN Chang Kyun

5)KIM Tae Jeong

6)PAE Kamsa

7)SHIN Young June

8)HAN Dong Oh

9)AHN Soon Kil

(57) Abstract :

The present invention relates to a novel compound having the ability to inhibit the 11 HSD1 enzyme or to a pharmaceutically acceptable salt thereof to a method for producing same and to a pharmaceutical composition containing same as an active ingredient. The compound according to the present invention selectively inhibits the activity of 11 hydroxysteroid dehydrogenase type 1 (11 HSD1) and can thus be effectively used as a therapeutic agent for treating diseases caused by the excessive activity of 11 HSD1 e.g. non insulin dependent (type 2) diabetes insulin resistance obesity lipid disorders metabolic syndrome and diseases and conditions brought on by the excessive activity of glucocorticoids.

No. of Pages : 150 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR TRANSPORTING VISCOUS COMPOUNDS AND PASTES

(51) International classification	:B01F7/04,B01F7/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 103 565.2	1)LIST HOLDING AG
(32) Priority Date	:24/04/2012	Address of Applicant :24 Berstelstrasse CH 4422 Arisdorf
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2013/058143	(72)Name of Inventor :
Filing Date	:19/04/2013	1)WITTE Daniel
(87) International Publication No	:WO 2013/160196	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a device for the controlled transport of viscous compounds and pastes in at least one process space (8) by means of at least one shaft (2) on which transport bars (4) are arranged and which rotates about a shaft axis (A) wherein centre axes (B) of the transport bars (4) run at an angle (7) with respect to the shaft axis (A) the centre axes (B) of transport bars (4.1 4.2 4.3) which follow one another in the direction of the shaft axis (A) should run offset in the circumferential direction with respect to one another and with respect to the shaft axis (A).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1994/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PRODUCING FUNCTIONAL SILOXANES OF CONTROLLED STRUCTURE

(51) International classification :C08G77/448,C08G64/18,C08G77/52
(31) Priority Document No :61/622144
(32) Priority Date :10/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/035734
Filing Date :09/04/2013
(87) International Publication No :WO 2013/155046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MOMENTIVE PERFORMANCE MATERIALS GMBH
Address of Applicant :Kaiser Wilhelm Allee Gebaeude V7
51368 Leverkusen Germany
(72)Name of Inventor :
1)HUGGINS John M.

(57) Abstract :

Disclosed herein is a process for preparing a linear hydroxyaryloxy functional polydiorganosiloxanes having controlled structures. The process includes the step of reacting a linear a bisacyloxypolydiorganosiloxane with at least one bisphenolic compound or hydroxy functional oligomer thereof in such a molar ratio that the phenolic groups in the bisphenolic compound or the hydroxy functional oligomer thereof to the acyloxy groups in the a bisacyloxypolydiorganosiloxane is less than 2.0. Also disclosed are hydroxyaryloxy functional polydiorganosiloxanes produced from the process and the polysiloxane/polyorgano block copolymers made using the hydroxyaryloxy functional siloxanes.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1995/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CLOSURE ELEMENT FOR AN ABDOMINAL BELT

(51) International classification	:A61F5/01
(31) Priority Document No	:10 2012 009 250.4
(32) Priority Date	:27/04/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/058716
Filing Date	:26/04/2013
(87) International Publication No	:WO 2013/160444
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAUERFEIND AG

Address of Applicant :Triebseser Strasse 16 07937 Zeulenroda

Triebes Germany

(72)Name of Inventor :

1)HERTEL Stefanie

(57) Abstract :

The invention relates to a flexible closure element for example an abdominal closure element for bandages and orthoses and closures and products for example abdominal closures of bandages and orthoses which have such closure elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1996/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND APPARATUS FOR MANAGING CONTROL AND DATA TRANSMISSIONS FOR LOW COST USER EQUIPMENTS

(51) International classification	:H04W72/04
(31) Priority Document No	:61/640798
(32) Priority Date	:01/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/039000
Filing Date	:01/05/2013
(87) International Publication No	:WO 2013/166104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)XU Hao

(57) Abstract :

Certain aspects of the present disclosure relate to methods and apparatus for managing control and data transmissions for low cost UEs. In certain aspects multiplexing of a control channel and data channel may be allowed in a Physical Resource Block (PRB) pair of a subframe. An indication may be provided to the UE regarding whether a portion of resources of the PRB pair not used to transmit the control channel is available for transmitting the data channel. In alternative aspects control and data may be scheduled in different subframes such that there is no need to multiplex them in a subframe or a PRB pair in a same subframe.

No. of Pages : 54 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2849/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM AND METHOD TO MEASURE, AGGREGATE AND ANALYZE EXACT EFFORT AND TIME PRODUCTIVITY

(51) International classification	:G06Q10/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:1722/MUM/2010
Filed on	:04/06/2010
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAPIENCE ANALYTICS PVT. LTD
Address of Applicant :LUNAWAT CLASSIC, 5/B ICS COLONY, PUNE 411007, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DEODHAR SHIRISH PRABHAKAR
2)DEODHAR SWATI SHIRISH
3)BHATIA MADHUKAR SHARAN

(57) Abstract :

A system and method for automatically measuring, analyzing and improving exact work effort of white collar employees, without requiring manual intervention or configuration, is described. The system captures all the work effort put on by the users. Systems and methods have been described to track the daily time spent by employees, irrespective of whether the time is spent on one or more computing devices, or away from any computing system while in meetings, discussions, calls, lab work, outside travel, and remote visits. This is mapped to activities and objectives that are automatically inferred based on the applications and artifacts being used, the source of offline time usage, and the employees position in the organization and role therein. The captured individual work effort is mapped to the organizations hierarchy and business attributes. As a result, work patterns and trends within each sub-unit/operational dimension of the business are identified.

No. of Pages : 78 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1898/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SIGNALING AND DETERMINING TRANSMISSION TIME INTERVAL BUNDLING PARAMETERS

(51) International classification	:H04L1/18,H04L1/16	(71)Name of Applicant :
(31) Priority Document No	:61/614916	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/03/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/032775	(72)Name of Inventor :
Filing Date	:18/03/2013	1)CHEN Wanshi
(87) International Publication No	:WO 2013/142410	2)XU Hao
(61) Patent of Addition to Application Number	:NA	3)GAAL Peter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining transmission time interval (TTI) bundling parameters on a wireless communication device is described. The method includes receiving signaling that indicates a TTI bundling configuration. The method also includes receiving signaling that indicates an uplink grant. The method further includes determining at least one TTI bundling parameter based on the TTI bundling configuration and the uplink grant. The method additionally includes transmitting a signal based on the at least one TTI bundling parameter.

No. of Pages : 70 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2842/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING MULTI- DIMENSIONAL DATA

(51) International classification	:G06F7/00, G06F17/30	(71) Name of Applicant : 1)SIEMENS TECHNOLOGY AND SERVICES PVT.LTD. Address of Applicant :130, Pandurang Budhkar Marg,Worli 400018 Mumbai, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)HRISHIKESH DEWAN
Filing Date	:NA	2)RAKSHA NAYAK
(87) International Publication No	: NA	3)NAVEEN KUMAR TOPPO
(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 managing multidimensional data stored in a multidimensional database are disclosed. A minimum bounding rectangle corresponding to each data element in the multidimensional data is determined. A first set of logical pairs of the minimum bounding rectangles corresponding to the data elements and corresponding pointers to the data elements are clustered based on relative spatial proximity thereof into a set of first nodes at a first abstraction layer. A minimum bounding rectangle corresponding to each of the first nodes at the first abstraction layer is determined. A second set of logical pairs of the minimum bounding rectangles corresponding to the first nodes and corresponding pointers to the first nodes is clustered based on relative spatial proximity thereof into a set of second nodes at a second abstraction layer. The logical pairs of the minimum bounding rectangles and the pointers at each node are arranged in a quad-tree structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2845/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUGMENTED REALITY BASED COMPUTING DEVICE

(51) International classification	:G06F3/00, G06F3/048, G06F3/16, G06F3/	(71)Name of Applicant : 1)TIRUBAA TECHNOLOGIES PVT. LTD.(INDIA) Address of Applicant :KRISHNASHREE, 1294, SHUKRAWAR PETH, SUBHASH NAGAR, PUNE-411002 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MILIND KSHIRSAGAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The pocket computing device is only of the size 4 6 which makes it very handy to carry and has an operating system such as Android which is integrated with the device. This has been achieved by the micro size of the Printed Circuit Board (PCB) compared to existing available PCBs. The device consumes power less than 4 Watts and can therefore be operated using a solar panel which in turn charges the regular Lithium Ion (LiOn) battery which provides a run time of about six hours. The device is also integrated with two web cameras which provides 3 Dimensional images and along with the option of plugging the device to a Television it provides a great opportunity for experiential learning, vocational training and entertainment. Keeping in mind that the device will be used in dusty and harsh conditions the device is rugged and dust proof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2846/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED, PORTABLE & MULTI PURPOSE HEALTH MONITORING SYSTEM

(51) International classification :A61B5/0408, G06F19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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SHUKRAWAR PETH, SUBHASH NAGAR, PUNE-411002
Maharashtra India
(72)**Name of Inventor :**
1)MILIND KSHIRSAGAR

(57) Abstract :

Affordability and reach of quality healthcare services globally remains a concern especially in developing nations and the use of telecommunication and Information Technology to provide remote access such as consultation with Doctor, monitoring vital health parameters and others through telemedicine has had limited impact. The said invention consists of creating a Health monitoring system which will be portable and can be connected to external sources such as a monitor, tablet computer or a mobile phone for accessing patient records and displaying vital health parameters to a Doctor or concerned healthcare staff for action required. The device will have sensors for measuring the health parameters with multi lingual support with DC power supply input through solar or wind power, cigarette lighter or AC to DC adapter. There are also provisions for various forms of wireless communication, as also a USB camera, mouse or keyboard can be attached to the device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1413/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTELLIGENT HAZARD DETECTION & PREVENTION SYSTEM

(51) International classification	:G06F3/041, G06F3/048	(71)Name of Applicant : 1)SALKAR, MANDAR P. Address of Applicant :INNOVATION AND ENTREPREURESHIP DEVELOPMENT CENTRE SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUNSHI NAGAR, BHAVAN'S CAMPUS, ANDHERI (WEST) MUMBAI 400058 Maharashtra India 2)SAHASRABUDHE, VARUN S. 3)KANAKIA, HARSHIL T.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor : 1)SALKAR, MANDAR P. 2)SAHASRABUDHE, VARUN S. 3)KANAKIA, HARSHIL T.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is preferred embodiment provides systems involving viewing & monitoring a 3d structure comprises, a) at least one sensor system; b) at least one monitoring system comprising a user interface; and c) a 3-Dimensional structure viewing mechanism; wherein the at least one sensor system is monitored by means of the at least one monitoring system, wherein 3-dimensional structure viewing mechanism displays a 3-dimensionai structure on the user interface, and wherein the 3-dimensional structure viewing mechanism displays the at least one sensor system incorporated in the a 3-dimensional structure.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2014

(21) Application No.1899/MUMNP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF FAULT CLEARANCE

(51) International classification	:H02H7/26
(31) Priority Document No	:1203785.9
(32) Priority Date	:05/03/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2013/053834
Filing Date	:26/02/2013
(87) International Publication No	:WO 2013/131782
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400
Baden Switzerland

(72)Name of Inventor :

1)WHITEHOUSE Robert

2)BARKER Carl David

(57) Abstract :

There is a method of fault clearance for a DC power grid (10) wherein the DC power grid (10) includes: a plurality of DC terminals (12a 12b 12c 12d); a plurality of DC power transmission media (14a 14b 14c 14d) to interconnect the plurality of DC terminals (12a 12b 12c 12d); and a plurality of DC circuit interruption device stations (18) each DC circuit interruption device station (18) being associated with a respective one of the plurality of DC power transmission media (14a 14b 14c 14d) and a respective one of the plurality of DC terminals (12a 12b 12c 12d) each DC circuit interruption device station (18) including a DC circuit interruption device (20) to selectively interrupt current flow in the associated DC power transmission medium (14a 14b 14c 14d) the method comprising the steps of: (i) detecting one or more faults occurring in the plurality of DC power transmission media (14a 14b 14c 14d); (ii) after detecting the or each fault opening all of the DC circuit interruption devices (20) to interrupt current flow in the plurality of DC power transmission media (14a 14b 14c 14d); (iii) measuring electrical characteristics of each DC power transmission medium (14a 14b 14c 14d); (iv) identifying the or each faulty DC power transmission medium (14a 14b 14c 14d) in which the or each fault is located based on the measured electrical characteristics of the plurality of DC power transmission media (14a 14b 14c 14d); and (v) after identifying the or each faulty DC power transmission medium (14a 14b 14c 14d) in which the or each fault is located inhibiting closing of the or each DC circuit interruption device (20) that is associated with the or each faulty DC power transmission medium (14a 14b 14c 14d) in which the or each fault is located and closing the or each DC circuit interruption device (20) that is associated with the or each non faulty DC power transmission medium (14a 14b 14c 14d) in which the or each fault is not located.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2880/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF FASTENING A PLURALITY OF STRUCTURES

(51) International classification	:B63B17/02, A44B17/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI 400076, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PROF. KISHORILAL MUNSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of fastening a plurality of structures comprising of holding the plurality of structures at a fastening zone with a fiber material and a resin leading to the formation of an impregnated fiber material. The fastening zone encompasses a plurality of portions on the plurality of structures. The method further comprises curing the impregnated fiber material at the fastening zone to impart a rigid and durable joint between the plurality of structures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2476/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STERICALLY DEMANDING DIALKOXYDIALKYL SILANES AS EXTERNAL DONORS FOR ZIEGLER CATALYSTS FOR THE POLYMERIZATION OF PROPYLENE

(51) International classification	:C08F10/06
(31) Priority Document No	:12174212.6
(32) Priority Date	:28/06/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/062433
Filing Date	:14/06/2013
(87) International Publication No	:WO 2014/001108
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LUMMUS NOVOLEN TECHNOLOGY GMBH
Address of Applicant :Gottlieb Daimler Str. 8 68165
Mannheim Germany
(72)**Name of Inventor :**
1)NOGAI Stefan
2)WINTER Andreas
3)DENKWITZ Yvonne
4)SCHUSTER Oliver

(57) Abstract :

A process for the polymerization of propylene is disclosed. The process may include contacting in a gas phase polymerization reactor propylene and optionally one or more comonomers with a catalyst system comprising a Ziegler Natta catalyst and an external electron donor system comprising di(bicyclo[2.2.1]heptan 2 yl)dimethoxysilane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2477/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHOD FOR THE OHMIC HEATING OF A PARTICULATE LIQUID

(51) International classification :H05B3/00,H05B3/60,F24H1/10
(31) Priority Document No :12382193.6
(32) Priority Date :23/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/060552
Filing Date :22/05/2013
(87) International Publication No :WO 2013/174890
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FRUIT TECH NATURAL S.A.
Address of Applicant :Ctra. Madrid Cartagena Km. 390 E
30100 Espinardo Spain
(72)Name of Inventor :
1)ZACK Yoram

(57) Abstract :

An electrode (10) for the ohmic heating of a particulate liquid flowing therethrough comprises an inlet (11; 12) and an outlet (12; 11) that are fluidly connected and are arranged in such a way that there is a change of direction of 60° 120° between the inlet and the outlet. A cell (50) for the ohmic heating of a particulate liquid flowing therethrough comprises two such electrodes and a dielectric tube (20) that fluidly connects the two electrodes. An apparatus for the ohmic heating of a particulate liquid flowing therethrough comprises six such cells that are fluidly connected in series and are electrically connected to a triphasic power supply so that the increase of temperature of the liquid at any cell is substantially the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2013

(21) Application No.2478/MUM/2013 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : MULTISTAGE MEMBRANE TREE MODEL FOR SEPARATION OF BINARY MIXTURES.

(51) International classification	:C07K14/55, C08B15/00	(71)Name of Applicant : 1)LALI, ARVIND MALLINATH Address of Applicant :DBT-ICT CENTRE FOR ENERGY BIOSCIENCES, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARIKH MARG MATUNGA (EAST) MUMBAI 400 019 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LALI, ARVIND MALLINATH
(61) Patent of Addition to Application Number	:NA	2)VALTE, RAJESHWAR DATTATRAYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention involves a multistage ($N > 2$) diverging membrane tree model for continuous separation of key components of binary or binodal mixture into $2N$ streams, N being the stage number, in such a manner that feed to each of the membrane unit in the tree results in a permeate and retentate stream, and that two of the $2N$ streams are substantially pure in the two components, and whereas all the other ($2N-2$) streams can be recycled to combine with feed streams to one or the other membrane units in the membrane tree. The membrane tree model of the present invention more specifically involves a special arrangement of membrane units whereby all use identical membranes; all operate in a continuous flow steady state manner; and are arranged in a unidirectional diverging branching tree like structure, making it possible to separate the key components of a binary or binodal mixture present in the feed into pure streams irrespective of their rejection coefficients as long as the rejection coefficients of the two components or solutes are different by more than or equal to 0.1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2939/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A HIGH SECURITY YARN/THREAD FOR SECURITY PAPER

(51) International classification	:D21H21/48, D21H21/44, D21H21/42	(71)Name of Applicant : 1)PATEL SHILPAN PRAVINCHANDRA Address of Applicant :5-D, LAXMI INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (WEST),MUMBAI- 400053, MAHARASHTRA STATE, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor : 1)PATEL SHILPAN PRAVINCHANDRA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hydrophilic yarn or thread which is soluble in hot water and which is coated or impregnated with hydrophobic materials or a combination of hydrophobic and hydrophilic materials. The coating medium includes, but is not limited to, binders such as polyvinyl alcohol (PVOH), guar gum, gelatine, carboxy-methyl cellulose (CMC), acrylic polymers, polyvinyl acetate (PVOHC), security pigments, dyes, machine readable taggants such as phosphors, PCR readable DNA tags, rare earths, magnetic particles, and X-ray readable particles, and the security yarn or thread so formed shall carry the security readable features in one or more varieties, and such security yarn or thread is subsequently inserted within a bed of paper pulp during the paper making process to form a high security paper, such as bank note paper, fiduciary paper, or passport paper. The security features carried by the yarn or thread can be extracted from, or detected in, the said yarn or thread in a suitably equipped forensic laboratory to, amongst other benefits, authenticate the manufacturing site at which such paper was produced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1974/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DOCTOR BLADE DEVICE FOR SPREADING A RESIN PASTE ONTO A CARRIER FILM AND A RESIN SHEET INSTALLATION FOR PRODUCING RESIN SHEETS

(51) International classification :B29C70/50,B29C70/54,B29C31/04
(31) Priority Document No :10 2012 103 648.9
(32) Priority Date :25/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058370
Filing Date :23/04/2013
(87) International Publication No :WO 2013/160290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DIEFFENBACHER GMBH MASCHINEN UND ANLAGENBAU
Address of Applicant :Heilbronner Strae 20 75031 Eppingen Germany
(72)Name of Inventor :
1)FUERST Tobias

(57) Abstract :

The invention relates to a method and doctor blade device for spreading a resin paste onto a carrier film as well as to a resin sheet installation for producing resin sheets. The method in the invention essentially comprises the following steps: feeding resin paste (64) into a doctor blade unit (60) by means of a feed device said feed device comprising a discharge opening (68) through which the resin paste (64) is fed from the feed device into the doctor blade unit (60) said doctor blade unit (60) comprising a doctor blade (61); and moving said carrier film (65) on a base surface (66) through a doctor blade gap (69) that is formed between the doctor blade (61) and the base surface (66) thus spreading the resin paste onto the carrier film (65) by means of said doctor blade (61) the discharge opening (68) being positioned immersed into the resin paste (64) that is in the doctor blade unit (60). Said doctor blade device is characterised in that the discharge opening (68) is positioned during operation of the doctor blade device so as to be immersed into the resin paste (64) in the doctor blade unit (60). A resin sheet installation for producing resin sheets particularly of SMC essentially comprises a doctor blade device as described above.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2995/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : CIRCUIT FOR MONITORING THE OPERATION OF AN ELECTRIC MOTOR

(51) International classification	:H02P6/18, H02P8/14	(71) Name of Applicant : 1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:GB 1219739.8	Address of Applicant :THE GRO, POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM
(32) Priority Date	:02/11/2012	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)HART SIMON
(86) International Application No	:NA	2)WEBSTER TONY
Filing Date	:NA	3)GANDU KONDALA RAO
(87) 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 circuit for monitoring the operation of an electric motor comprises means for deriving a motor signal indicative of a relatively low frequency characteristic of the motor commutation current (for example the back EMF ripple) by rejecting the high frequency components which are mainly the result of the commutation events. The circuit also includes means for producing a pulse from the low frequency characteristic which has a duration related to the motor speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2997/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : INFORMATION TRANSMISSION METHOD AND SYSTEM, AND DEVICE

(51) International classification	:H04L29/06, H04L29/08	(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
(31) Priority Document No	:10-2012- 0103502	(72) Name of Inventor :
(32) Priority Date	:18/09/2012	1)Jae-woo KO
(33) Name of priority country	:Republic of Korea	2)Tae-hwan WI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for transmitting information which is obtained from a peripheral object when an interactive service between devices is performed, and a device, are provided. The information transmission method includes: obtaining first information which is stored in a peripheral object of an electronic device via short distance communication with the peripheral object when an interactive service is performed between the electronic device and the at least one external device; generating second information that is to be transmitted to the at least one external device based on the obtained first information; and transmitting the second information to the at least one external device via the interactive service

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2999/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TOUCH-ENABLED COMPLEX DATA ENTRY

(51) International classification	:G06F3/0484, G06F3/0488	(71)Name of Applicant : 1)DASSAULT SYSTEMES SIMULIA CORP.
(31) Priority Document No	:13/631,745	Address of Applicant :166 Valley Street, Providence, Rhode
(32) Priority Date	:28/09/2012	Island 02909, United States of America
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)VAN DER VELDEN, Alexander Jacobus Maria
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 computer-implemented method for touch input via a multi-touch surface includes displaying an input widget via the multi-touch surface, wherein the input widget includes at least one control field and at least one element bar. A finger contact is detected along the multi-touch surface and substantially within the control field or the element bar. In response to detecting the finger contact, the contents of the element bar are adjusted

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1981/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BIOENGINEERED ALLOGENEIC BLOOD VESSEL

(51) International classification :C12N5/071,A61K35/44,A61F2/06
(31) Priority Document No :61/611810
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000873
Filing Date :01/03/2013
(87) International Publication No :WO 2013/136184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOVAHEP AB
Address of Applicant :Arvid Wallgrens backe 20 S 413 46
Gothenburg Sweden
(72)Name of Inventor :
1)SUMITRAN HOLGERSSON Suchitra
2)OLAUSSON Michael

(57) Abstract :

The present invention relates to methods for recellurization of blood vessels. This method is particularly useful for producing an allogeneic vein wherein a donor vein is decellularized and then recellularized using whole blood or bone marrow stem cells. The allogeneic vein produced by the methods disclosed herein are particularly advantageous for implantation or transplantation into patients with vascular diseases.

No. of Pages : 59 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1982/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AMIDE DERIVATIVES AS TTX S BLOCKERS

(51) International classification :C07D213/75,A61K31/44,A61K31/4523
(31) Priority Document No :61/638108
(32) Priority Date :25/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2013/002812
Filing Date :25/04/2013
(87) International Publication No :WO 2013/161308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RaQualia Pharma Inc.
Address of Applicant :1 21 19 Meieki Minami Nakamura ku
Nagoya shi Aichi 4500003 Japan
(72)Name of Inventor :
1)YAMAGISHI Tatsuya
2)KAWAMURA Kiyoshi
3)MORITA Mikio

(57) Abstract :

The present invention relates to amide derivatives which have blocking activities of voltage gated sodium channels as the TTX S channels and which are useful in the treatment or prevention of disorders and diseases in which voltage gated sodium channels are involved. The invention also relates to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which voltage gated sodium channels are involved.

No. of Pages : 154 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1983/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHONE

(51) International classification	:H04M11/04,H04M1/02	(71) Name of Applicant :
(31) Priority Document No	:201210077733.6	1)BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO. LTD.
(32) Priority Date	:22/03/2012	Address of Applicant :Suite A B 2F 2nd Building Shanshui
(33) Name of priority country	:China	Building Nanshan Yungu Innovation Industrial Park No. 1183
(86) International Application No	:PCT/CN2013/071255	Liuxian Blvd Taoyuan Street China Nanshan District Shenzhen
Filing Date	:01/02/2013	Guangdong 518055 China
(87) International Publication No	:WO 2013/139191	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HU Xiaoping
Filing Date	:NA	2)SHEN Xia
(62) Divisional to Application Number	:NA	3)CHEN Lihua
Filing Date	:NA	

(57) Abstract :

A phone comprises a shell a first communication module for communicating via a first communication network a detection signal acquisition component as well as a sensor chip and a processing module for security monitoring wherein the first communication module the sensor chip and the processing module are accommodated inside the phone shell and the detection signal acquisition component is mounted on the surface of the phone shell. Due to the integration of additional components related to security monitoring the phone disclosed herein becomes an integrated device with both functions of basic communication and security monitoring. In addition the resulted phone with security monitoring function has good characteristics of stealth and invisibility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYDROPHILIC POLYESTER FIBERS

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV
(33) Name of priority country	:NA	222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUPTA BHAWNA
(61) Patent of Addition to Application Number	:NA	2)AGARWAL UDAY SHANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for preparing hydrophilic polyester fibers, said process comprising the steps of treating polyester fibers with a mixture comprising pre-determined weight proportions of at least one alkali and at least one hydrophilic polymer for a pre-determined period of time to obtain treated polyester fibers and curing the treated polyester fiber under heated environment to obtain hydrophilic polyester fibers. The hydrophilic polyester fibers thus prepared demonstrates a wicking height of at least 2 cm in 30 minutes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3032/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : VOLTAGE REFERENCE CIRCUIT

(51) International classification	:G05F3/24	(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	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANVESHA A
(61) Patent of Addition to Application Number	:NA	2)MARYAM SHOJAEI BAGHINI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The proposed invention is an improved process, voltage and temperature (PVT) invariant voltage reference generator using sub-threshold MOSFETS. Sub-IV band gap reference also used to generate similar accuracy levels with process variations. The proposed circuit has been designed and optimized in 180nm mixed-mode CMOS technology. The output voltage of the proposed voltage reference generator varies by only $\pm 0.85\%$ across process corners and temperature range of 0°C to 100°C. The proposed circuit consumes only 19nW DC power and operates at supply voltages as low 600mV.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1984/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR EXCHANGING DATA BETWEEN CLIENT DEVICES

(51) International classification	:H04L29/06
(31) Priority Document No	:201210204568.6
(32) Priority Date	:20/06/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/075929
Filing Date	:20/05/2013
(87) International Publication No	:WO 2013/189221
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
Address of Applicant :Room 403 East Block 2 SEG Park
Zhenxing Road Futian District Shenzhen Guangdong 518044
China
(72)**Name of Inventor :**
1)HUANG Tieming

(57) Abstract :

Systems and methods for exchanging data between two client devices are disclosed. A method includes at a computer system obtaining from a first client device a first data acquisition request wherein the first data acquisition request includes (i) a device identifier identifying a second client device distinct from the first client device and (ii) a search parameter identifier; and identifying the second client device from a plurality of client devices in accordance with the device identifier. In some implementations a method further includes issuing a second data acquisition request to the second device the second data acquisition request including the search parameter identifier; obtaining from the second client device a search parameter associated with the search parameter identifier; obtaining one or more search results associated with the search parameter; and providing at least one search result in the one or more search result to the first client device for display to a user of the first client device.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1985/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR REFINING AND AROMA EXTRACTION OF TEA LEAVES AND PRODUCTION METHOD THEREOF

(51) International classification	:A23F3/06
(31) Priority Document No	:201210067936.7
(32) Priority Date	:15/03/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2012/079971
Filing Date	:10/08/2012
(87) International Publication No	:WO 2013/135034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FUJIAN ANXI YUNHE MECHANICS CO. LTD.
Address of Applicant :Lin Qingjiao Yuantan Industrial Zone
Shennei Town Anxi Quanzhou Fujian 362400 China
(72)**Name of Inventor :**
1)LIN Qingjiao

(57) Abstract :

Disclosed is a device for refining and aroma extraction of tea leaves comprising a tunnel type housing provided with a tea leaves inlet and a tea leaves outlet respectively at the ends thereof and a conveyer belt provided in the tunnel type housing and able to convey tea leaves from the tea leaves inlet to the tea leaves outlet. The tunnel type housing is provided with an air inlet and an air discharge machine. The tunnel type housing is provided with at least one of a magnetron and an electric heating plate. Further disclosed is a method for refining and aroma extraction of tea leaves comprising microwave refining of tea leaves followed by infrared aroma extraction or infrared aroma extraction followed by microwave refining or simultaneous microwave refining and infrared aroma extraction. The production method is simple and more practical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1986/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MAGNETIC SYSTEM OF THREE INTERACTIONS

(51) International classification	:H01F7/02
(31) Priority Document No	:20120100153
(32) Priority Date	:13/03/2012
(33) Name of priority country	:Greece
(86) International Application No	:PCT/GR2013/000015
Filing Date	:12/03/2013
(87) International Publication No	:WO 2013/136097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KERTSOPOULOS, Georgios, K.
Address of Applicant :124 Sokratous Str. 124 62 Haidari
Attikis, Greece
2)BLAZAKI Dionysia
3)KERTSOPOULOS G. Georgios
4)KERTSOPOULOU Konstantina
(72)Name of Inventor :
1)KERTSOPOULOS Georgios K.

(57) Abstract :

Magnetic system possessing and producing polar and field properties comprising an application of organized ensemble of constituted constructions of magnetic apparatus as means of construction. The magnetic system as an application produces magnetic phenomena and interactions such as the production of three different interactions and also their related respective three opposites depending on the distance existing between the magnetic constructions. It is a fully systemized product that can be used as an experimental instrument for exploitation of new designing possibilities in magnetic constructions containing also a method of manufacturing.

No. of Pages : 90 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : EDIBLE OIL COMPOSITION WITH ANTIOXIDANT COMBINATION

(51) International classification	:C11B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARICO LIMITED
(32) Priority Date	:NA	Address of Applicant :7TH FLOOR, GRANDE
(33) Name of priority country	:NA	PALLADIUM, 175, CST ROAD, KALINA, SANTACRUZ (E),
(86) International Application No	:NA	MUMBAI, 400098, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUDHAKAR MHASKAR
(61) Patent of Addition to Application Number	:NA	2)ATUL RAUT
Filing Date	:NA	3)ANAND DHODAPKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of edible oils, especially edible oils for the preparation of fried, baked or cooked food products and frying oils for room temperature stored fried food products such as snacks. The basic requirements for frying fat and oil are heat stability and oxidation stability. Additional requirements are that it should be cost-effective, have acceptable taste, be processable (e.g., flowable at ambient temperature) and organoleptically acceptable. The present invention provides edible oil compositions comprising a synergistic combination of anti-oxidants and fatty acids which gives nutrients along with all its goodness and freshness throughout shelf, frying and ingestion phases. The blend of the three anti-oxidants provides high stability, low rancidity and low oil uptake by fried foodstuff, without compromising on the palatability and also helps reduce cholesterol and inflammatory biomarkers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3033/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : WELDING SIMULATOR

(51) International classification	:G09B19/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GODREJ & BOYCE MFG CO LIMITED
Address of Applicant :PIROJSHANAGAR, VIKHROLI
(WEST), MUMBAI 400 079, MAHARASHTRA India
(72)**Name of Inventor :**
1)JAWLE SANJAY MANOHAR

(57) Abstract :

Welding simulator The welding simulator (!) comprises a flat inclined base (2) of an insulator material mounted on a horizontal flat mounting surface consisting of a table top (3) and having a high end (5) inclined at an angle with respect to the flat mounting surface and a low end (6) resting against the flat mounting surface. The flat inclined base further has a plurality of permanent magnets (10) arranged in a row extending from the high end to the low end of the inclined base. A flat dummy work piece (12) of conductor material is located over the row of permanent magnets. A reference rod (13) is disposed at a height above the row of permanent magnets. A welding electrode holder (18) with a welding electrode (19) which is linearly movably engaged around the reference rod describing a clearance with the reference rod. The welding electrode has a light emitting diode (23) attached thereto and connected to a DC source (24) of 12-14 Volts. The welding electrode is connected across the +ive terminal of the DC source and forms a normally open circuit with a first buzzer (B1) and the work piece connected across the -ive terminal of the DC source. The welding simulator also comprises a welding electrode speed indicating means (PS1, PS2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3034/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL COMBINATION OF EFFERVESCE TABLET OF MICRONISED EGGSHELL & STABILIZED VITAMIN D3

(51) International classification	:A23K1/18, A23K1/16	(71)Name of Applicant : 1)LADDHA, SACHIN SHYAMSUNDAR Address of Applicant :TOWER 4, FLAT 1201, SWASTIK REGALIA, KAVESAR, WAGHBIL, GB ROAD, THANE (W) 400615, MAHARASHTRA, INDIA 2)WAGHULDE, SANDEEP ONKAR 3)HANGE, NAGESH PARMESHWAR 4)PATIL, NIRANJAN VIJAY 5)PATEL, HIREN MANJI 6)SIKDAR, MRINAL VIVEKANAND 7)SARANGI, MANOJKUMAR 8)PATIL, AJIT HASHA 9)KUMBHAR, AMIT RAMCHANDRA
(31) Priority Document No	:NA	(72)Name of Inventor : 1)LADDHA, SACHIN SHYAMSUNDAR 2)WAGHULDE, SANDEEP ONKAR 3)HANGE, NAGESH PARMESHWAR 4)PATIL, NIRANJAN VIJAY 5)PATEL, HIREN MANJI 6)SIKDAR, MRINAL VIVEKANAND 7)SARANGI, MANOJKUMAR 8)PATIL, AJIT HASHA 9)KUMABHAR, AMIT RAMCHANDRA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides effervescent immediate release drug compositions comprising combination of Micronised Eggshell & stabilized Vitamin D3, processes for their preparation; and methods of using such compositions as calcium supplement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3035/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : QUANTITATIVE ANALYSIS OF MILK COMPONENTS

(51) International classification	:G01N22/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EVEREST INSTRUMENTS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :Plot No. 8-9, GIDC Estate, Visnagar-
(33) Name of priority country	:NA	384315, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LONG, Fredrick. H.
(87) International Publication No	: NA	2)PATEL, Ajit
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A milk analyzer for conducting quantitative analysis of milk components of test milk sample, for which the quantities of component parts of the test milk sample are unknown. The milk analyzer (100) includes a fiber-optic probe (102) implemented in a diffuse reflectance mode and a near-infrared spectrometer (108). The fiber-optic probe (102) transmits a light in a preselected wavelength range between 600 nanometers (nm) and 1100 into the test milk sample and receives a reflected light from the test milk sample. The received reflected light is provided to the NIR spectrometer (108) to perform spectral analysis of the reflected light for determining reflectance spectra of the test milk sample. The milk analyzer (100) further includes a controller (110) for conducting quantitative analysis of the test milk samples based on the determined reflectance spectra and a predetermined single reference model to determine quantities of milk components of the test milk sample.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3037/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : TELEVISION CHANNEL BUNDLE COST AND PRICE OPTIMIZATION

(51) International classification	:H04N5/445	(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)RAUT, Sumit
(87) International Publication No	: NA	2)MAHALANABIS, Suman
(61) Patent of Addition to Application Number	:NA	3)JAYAVARTHANA.V, Raja
Filing Date	:NA	4)KARUPPIAH, Mahendran
(62) Divisional to Application Number	:NA	5)SINHA, Shantanu
Filing Date	:NA	

(57) Abstract :

System and method for television channel bundle cost and price optimization are described. The system (102) includes a segmentation module (120) to determine a plurality of time intervals for each of a plurality of clusters of households indicative of an attribute associated with at least one occupant of a household; estimate frequency and average of household in each of the plurality of time intervals. The segmentation module (120) further determines, for each of the plurality of time intervals, average viewing time proportion in a time interval, from among the plurality of time intervals, based on the estimation. The system (102) further includes a bundling module (122) to, determine bundle purchase propensity based on the average viewing time proportion and the current channel bundle; and generate a channel bundle for household subscription, based on the bundle purchase propensity, average viewing time proportion, and frequency of the channel genre.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A TUNABLE REFERENCE CIRCUIT COMPRISING MAGNETIC TUNNEL JUNCTION ELEMENTS FOR A SEMICONDUCTOR MEMORY CIRCUIT

(51) International classification :G11C11/16,G11C11/56,G11C7/06
(31) Priority Document No :13/464242
(32) Priority Date :04/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039656
Filing Date :06/05/2013
(87) International Publication No :WO 2013/166479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A..
(72)**Name of Inventor :**
1)LI Xia
2)KIM Jung Pill
3)KIM Taehyun

(57) Abstract :

A circuit includes a first reference pair that includes a first path and a second path. The first path includes a first magnetic tunnel junction (MTJ) element and the second path includes a second MTJ element. The circuit further includes a second reference pair that includes a third path and a fourth path. The third path includes a third MTJ element and the fourth path includes a fourth MTJ element. The first reference pair and the second reference pair are tied together in parallel. A reference resistance of the circuit is based on a resistance of each of the first second third and fourth MTJ elements. The reference resistance of the circuit is adjustable by adjusting a resistance of one of the MTJ elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1961/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GINSENOSIDE C K POLYMORPHIC COMPOUNDS AND METHOD FOR PREPARING SAME

(51) International classification :C07J17/00,C12P33/00
(31) Priority Document No :201210093275.5
(32) Priority Date :01/04/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073560
Filing Date :01/04/2013
(87) International Publication No :WO 2013/149570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHEJIANG HISUN PHARMACEUTICAL CO. LTD.
Address of Applicant :No.46 Waisha Road Jiaojiang District
Taizhou Zhejiang 318000 China
(72)**Name of Inventor :**
1)REN Guobin
2)DAI Changliang
3)CHEN Jinyao
4)CHEN Feng
5)QI Minghui
6)ZHU Wenming
7)HONG Minghuang
8)BAI Hua

(57) Abstract :

Provided are several types of ginsenoside polymorphic substances and a method for preparing same. In particular new crystal form A crystal form B crystal form C crystal form E crystal form F crystal form I crystal form K crystal form L crystal form M crystal form N and crystal form O are involved.

No. of Pages : 47 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2376/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS TO MONITOR THE CONDITION OF AN APPARATUS

(51) International classification	:G01K1/02	(71)Name of Applicant :
(31) Priority Document No	:GB	1)CONTROL TECHNIQUES LTD
(32) Priority Date	1217622.8	Address of Applicant :THE GRO, POOL ROAD,
(33) Name of priority country	:02/10/2012	NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM
(86) International Application No	:U.K.	(72)Name of Inventor :
Filing Date	:NA	1)OWEN RHYS MARC
(87) International Publication No	: NA	2)HART SIMON DAVID
(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 apparatus to monitor the condition of an apparatus (e.g a variable speed drive), the apparatus comprising: a processor, a plurality of devices and a plurality of temperature sensors, each sensor associated with a device, the processor being arranged in use to: determine, for each of a plurality of sensors, the temperature of the associated device based on the temperature sensed by the sensor and the mode of operation of the device; compare the determined temperatures for each device with stored data relating to the mode of operation of the apparatus; and based on the comparison determine whether the apparatus is operating as expected in the mode of operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2953/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : FUNCTIONALIZED NANOPARTICLES OF ANTIMALARIAL DRUGS WITH SPECIFIC TARGETING TO PARASITIZED RBCS AND IMPROVED THERAPEUTIC EFFICACY

(51) International classification	:C12Q1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGH, KAMALINDER KAUR
(32) Priority Date	:NA	Address of Applicant :C.U. SHAH COLLEGE OF
(33) Name of priority country	:NA	PHARMACY, SNTD WOMEN'S UNIVERSITY, SIR
(86) International Application No	:NA	VITHALDAS VIDYAVIHAR, JUHU CAMPUS, SANTACRUZ
Filing Date	:NA	(WEST), MUMBAI - 400 049, MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SINGH, KAMALINDER KAUR
Filing Date	:NA	2)RAJAM, YOGEEETA YESHWANT
(62) Divisional to Application Number	:NA	3)SAWANT, SAMPADA SHRIKANT
Filing Date	:NA	4)SIDHAYE, ADITI ABHAY

(57) Abstract :

The present invention discloses surface modified nanoparticles for targeted delivery of Antimalarial drug specifically to parasitized RBCs with improved therapeutic activity.

No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3199/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLDER JOINT STRUCTURE AND SOLDER JOINING METHOD

(51) International classification	:H01R4/02, H01R43/02	(71) Name of Applicant : 1)NIDEC CORPORATION Address of Applicant :338 TONOSHIRO-CHO, KUZE, MINAMI-KU, KYOTO 601-8205, JAPAN
(31) Priority Document No	:2012- 245629	(72) Name of Inventor : 1)YOKOGAWA, TOMOYOSHI
(32) Priority Date	:07/11/2012	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solder joint structure includes a metal pin in the shape of a prism or a circular or substantially circular cylinder; an aluminum wire including a wound portion wound around the metal pin; and a solder layer arranged to join the metal pin and at least one portion of the wound portion to each other. The at least one portion of the wound portion includes a deformed surface resulting from a partial disappearance or elimination of the aluminum wire in a cross-section perpendicular or substantially perpendicular to a direction in which the aluminum wire extends, and the solder layer is directly and closely adhered to the deformed surface.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2246/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR ULTRA SPEED COMMUNICATION USING FREE SPACE OPTICAL LASER AND RADIO WAVES AT 60GHZ AND/OR 5GHZ BAND.

(51) International classification	:H04B1/69, H04L25/49	(71) Name of Applicant : 1)AMIT KUMAR JAIN Address of Applicant :F1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)AMIT KUMAR JAIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a dongle device for providing ultra speed wireless communication , quintessentially at constant speeds of at least 1 Gbps , at a communication device of a user, using free space optical laser beams and wireless radio wave signals at 5Ghz band and/or 60Ghz band . This device may also be pre loaded with a number of system software and application software. Hence , this device can not only be used for establishing ultra speed communications links with the service provider, but also as a means of providing various kinds of application software ,services and products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2367/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CONCRETE MIXER DEVICE

(51) International classification	:B01F7/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAUDHARY NARANBHAI MADEVBHAI
(32) Priority Date	:NA	Address of Applicant :MOTOVAS, RAPAR, KUTCH PIN.
(33) Name of priority country	:NA	370165, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAUDHARY NARANBHAI MADEVBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a concrete mixer device. The devices is delivering the concrete of quality as required at construction site according to BIS guidelines of plain and reinforce the same. The device is consisting of the regulator which controls the function of managing the ingredient ratio. The devise according to present invention functions in both modes: Operation as well as Drive mode. The texture of concrete is uniform in either of the operation. The device functions in either way to fill or discharge the concrete.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2482/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : USER EQUIPMENT ENHANCEMENT OF SERVICE RECOVERY IN MOBILE COMMUNICATION NETWORKS

(51) International classification :H04W48/00

(31) Priority Document No :61/650227

(32) Priority Date :22/05/2012

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

(86) International Application No :PCT/CN2013/076042

Filing Date :22/05/2013

(87) International Publication No :WO 2013/174256

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MEDIATEK INC.

Address of Applicant :No.1 Dusing Rd. 1st Science Based
Industrial Park Hsin Chu Taiwan 300 China

(72)Name of Inventor :

1)JHENG Yu Syuan

2)CHANG Hung Lin

(57) Abstract :

A method of applying a network forbidden list for enhanced service recovery in mobile communication networks is provided. In a first embodiment upon receiving an error cause for a RAT in a selected network a UE stores a PLMN ID the RAT information and the error cause as an entry in the forbidden list. The UE will not select to the RAT of the network stored in the forbidden list until the PLMN/RAT entry is removed from the forbidden list. In a second embodiment upon receiving an error cause in a selected network a UE stores a PLMN ID the error cause and a timer value as an entry in the forbidden list. The UE will not select to the network stored in the forbidden list until the timer associated with the PLMN ID is expired.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2484/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOSITION COMPRISING A SESTERTERPENE AND USE THEREOF AS ANTIBIOTIC AND ANTIFUNGAL ADJUVANT

(51) International classification :A61K31/122,A61K31/19,A61K31/56
(31) Priority Document No :MI2012A001109
(32) Priority Date :25/06/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/001360
Filing Date :25/06/2013
(87) International Publication No :WO 2014/001882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RODE PHARMA S.R.L.
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(72)Name of Inventor :
1)AMELOTTI Luigi
2)SECONDINI Lorenzo

(57) Abstract :

The present invention relates to a composition comprising at least a sesterterpene for use as medicament like antibiotic or antifungal. Furthermore the present invention relates to the use of at least a sesterterpene for increasing assisting and/or enhancing the bacteriostatic and/or bactericidal activity of an antibiotic or the fungicidal activity of an antifungal compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR PROCESSING EMERGENCY CALL AND COMMUNICATIONS APPARATUSES UTILIZING THE SAME

(51) International classification	:H04W76/00, H04W4/02	(71) Name of Applicant : 1)MEDIATEK INC. Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN, R.O.C.
(31) Priority Document No	:13/957,683	
(32) Priority Date	:02/08/2013	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHIEN-YI WANG
(87) International Publication No	: NA	2)WEI-CHIANG PENG
(61) Patent of Addition to Application Number	:NA	3)KUAN-MING LIN
Filing Date	:NA	4)YU-SYUAN JHENG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communications apparatus includes a baseband signal processing device, an RF signal processing device, a memory device, and a processor. The processor transmits a normal call-establishment signal with a remote identifier to a network to originate a normal call in response to a first call-origination request with the remote identifier, receives an indication message indicating that the normal call is routed as an emergency call from the network, records the remote identifier in the memory device, and when receiving a second call-origination request with the remote identifier, transmits an emergency call-establishment signal with the remote identifier to the network to originate an emergency call in response to the second call-origination request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1959/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SELECTIVELY COMBINING A PLURALITY OF VIDEO FEEDS FOR A GROUP COMMUNICATION SESSION

(51) International classification :H04N13/02
(31) Priority Document No :13/468908
(32) Priority Date :10/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039409
Filing Date :03/05/2013
(87) International Publication No :WO 2013/169582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)LANKFORD Richard W.
2)LINDNER Mark A.
3)DEWING Shane R.
4)ABPLANALP Daniel S.
5)SUN Daniel S.
6)STONEFIELD Anthony Pierre

(57) Abstract :

In an embodiment a communications device (170; 200; 400) receives (615A 620A 625A; 600D; 600E 605E 610E; 920 925 930) a plurality of video input feeds from a plurality of video capturing devices that provide different perspectives of a given visual subject of interest. The communications device receives (615A 620A 625A; 600D; 600E 605E 610E; 920 925 930) for each of the received plurality of video input feeds indications of (i) a location an associated video capturing device (ii) an orientation of the associated video capturing device and (iii) a format of the received video input feed. The communications device selects (630A; 605D; 630E; 820A; 820B; 820C; 935) a set of the received plurality of video input feeds interlaces (635A; 600B 605B; 600C 605C; 610D; 620E 625E 630E; 830A; 835B; 830C; 940) the selected video input feeds into a video output feed that conforms to a target format and transmits (640A; 615D; 635E; 640E; 645E; 945) the video output feed to a set of target video presentation devices. The communications device can correspond to either a remote server (170; 400) or a user equipment (UE) (200; 400) that belongs to or is in communication with the plurality of video capturing devices.

No. of Pages : 52 No. of Claims : 15

(54) Title of the invention : ENCODER, DECODER AND METHOD

(51) International classification	:H03M7/46, H03M7/00	(71)Name of Applicant :
(31) Priority Document No	:GB1218942.9	1)Gurulogic Microsystems Oy
(32) Priority Date	:22/10/2012	Address of Applicant :Linnankatu 34, Turku 20100, Finland
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)Ossi Mikael Kalevo
Filing Date	:NA	2)Tuomas Krkkinen
(87) 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 encoder (10) encodes data (20, D1) to generate corresponding encoded data (70, E2). The encoder (10) includes an analysis unit (100) for analysing one or more portions (40) of the data (20, D1) to be encoded, and for directing the one or more portions (40) to appropriate one or more encoding units (110), wherein the one or more encoding units (110) are operable to encode the one or more portions (40) thereof to generate the encoded data (70, E2). The one or more encoding units (110) are operable to employ mutually different encoding algorithms when encoding the one or more portions (40). At least one encoding unit (110(i)) of the one or more encoding units (110) is operable to compute data values present in each portion (40) received thereat, to sub-divide the data values into at least two sets, to compute at least one aggregate value for a given set derived from the data values present in the given set. Whilst retaining a spatial mask (320) of the portion (40), the spatial mask (320) and information representative of the aggregate values computed for the at least two data sets is included in the encoded data (70, E2). A corresponding decoder (25) for decoding data (70) generated by the encoder (10) executes an inverse of encoding steps employed in the encoder (10). The encoder (10) and/or the decoder (25) are beneficially implemented using dedicated electronic hardware, for example a custom digital integrated circuit, a field-programmable gate array (FPGA) or similar. Alternatively, or additionally, the encoder (10) and/or the decoder (25) can be implemented by executing one or more software products, stored on non-transitory machine-readable data storage media, on computing hardware coupled in data communication with data memory. Optionally, the computing hardware is implemented as a high-speed reduced-instruction-set (RISC) processor. FIG. 2A for the Abstract.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPACT ENERGY ABSORPTION ASSEMBLY

(51) International classification	:B60R19/24, F16F7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :Bombay House, 24 Homi Mody Street,
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(72)**Name of Inventor :**
1)GOPAL MUSALE
2)JAGAT JIBAN PATTNAIK
3)GANESH GADEKAR
4)DEEPAK PATIL

(57) Abstract :

An impact energy absorption assembly comprising: at least one mounting rail of predetermined shape fixed to a body of a vehicle; and plurality of support members of predetermined shape fixed to the at least one mounting rail wherein, each of the plurality of support members are provided with a plurality of plates of predetermined shape fixed at predetermined pitch distances along the length of the plurality of support members for impact energy absorption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM TO MONITOR, IDENTIFY, AND RECTIFY CABLE TERMINATION JOINT HOT SPOTS IN ELECTRIC POWER DISTRIBUTION NETWORKS

(51) International classification	:G06F1/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mahindra and Mahindra Limited
(32) Priority Date	:NA	Address of Applicant :Mahindra and Mahindra Ltd. Gateway
(33) Name of priority country	:NA	Building, Apollo Bunder, Mumbai 400001, Maharashtra, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Joshi, Arun Murlidhar
(87) International Publication No	: NA	2)Mr. Tendulkar, Santosh Kamlakar
(61) Patent of Addition to Application Number	:NA	3)Mr. Gurav, Milind Maruti
Filing Date	:NA	4)Mr. Renkutla, Haresh Dattu
(62) Divisional to Application Number	:NA	5)Mr. Patel, Santosh Kumar
Filing Date	:NA	

(57) Abstract :

The invention provides a system of detection of occurrence of overheating and the location of overheated joint in an EPDN. The detection of overheated joints is carried out using sensors which are provided near cable joints. These sensors are wired up as an input to the control unit. In the event of a joint overheating, changes in the input from the sensor to the control unit are identified. Control unit gives signal to the Modem to transmit preprogrammed messages to the assigned mobile numbers. The recipient of the messages, which may be located anywhere in the world, is thus notified about the panel which included the overheated joints. Depending upon mode of further action (automated or manual) this information will include either the exact joint location or be limited to specifying the affected panel location. In the auto mode the control unit gives command to automatically shut off the concerned circuit breaker to isolate the overheated joint from the EPDN. In the manual mode determination of the exact location of the affected joint is done through testing of each compartment of the panel, for example with the help of push button assisted mechanism. The affected circuit is switched off manually

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3291/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : OPEN-END SPINNING ROTOR

(51) International classification	:D01H4/12, D01H4/10
(31) Priority Document No	:102012022092.8
(32) Priority Date	:10/11/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAURER GERMANY GMBH & CO. KG
Address of Applicant :LEVERKUSER STRASSE 65, 42897
REMSCHEID, GERMANY
(72)**Name of Inventor :**
1)WASSENHOVEN, HEINZ-GEORG

(57) Abstract :

The present invention relates to an open-end spinning rotor (1a, 1b, 1c), comprising a rotor shaft (4a, 4b, 4c), a rotor cup (2, 2c) and a coupling device (3a, 3b, 3c), to releasably connect the rotor shaft (4a, 4b, 4c) and the rotor cup (2, 2c), wherein the coupling device (3a, 3b, 3c) has locking means (5, 6) for the axial locking of the rotor cup (2, 2c), transmission means (9, 10, 11, 12) for the positive transmission of a torque from the rotor shaft (4a, 4b, 4c) to the rotor cup (2, 2c) and, additionally, centring means for centring the rotor shaft (4a, 4b, 4c) and rotor cup (2, 2c), wherein the centring means comprise a cylindrical bore (8, 8c) and a guide attachment (7, 7c) corresponding thereto, which can be introduced into the cylindrical bore (8, 8c). According to the invention, the cylindrical bore (8, 8c) and the guide attachment (7, 7c) have a clearance fit and the centring means comprise a resilient arrangement (13, 14, 15b, 15c), which is located between the cylindrical bore (8, 8c) and the guide attachment (7, 7c).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR PHONETIC SEARCHING OF DATA

(51) International classification	:G06F17/27, G06F17/30	(71)Name of Applicant : 1)AVAYA INC
(31) Priority Document No	:13/605,055	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(32) Priority Date	:06/09/2012	RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)MALCOLM FINTAN WILKINS
Filing Date	:NA	2)GARETH ALAN WYNN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of phonetically searching media information comprises receiving a plurality of search queries from one or more client systems and providing a phonetic representation of each search query. One or more search jobs are instantiated, each search job comprising a plurality of tasks, each task being arranged to sequentially read a block from an archive file. The archive file is stored within a distributed filing system (DFS) in which sequential blocks of data comprising the archive file are replicated to be locally available to one or more processors from a cluster of processors for executing the tasks. Each block stores index files corresponding to a plurality of the source media files, each index file containing a phonetic stream corresponding to audio information for a given source media file. Each task obtains phonetic representations of outstanding search queries for a block and sequentially searches the block for each outstanding search query. Responsive to matching a search query with a location within the phonetic stream for an index file, the location and an identifier of the source media are returned for responding to the search query.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3045/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR COATING ATOMIZED PHOTOLUMINESCENT PIGMENT ON FABRIC/STITCHED FABRIC SUBSTRATE

(51) International classification	:G02B5/122	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ABHISHEK GUPTA
(32) Priority Date	:NA	Address of Applicant :G - 205 KABIR ENCLAVE, NEAR
(33) Name of priority country	:NA	HOMEOPATHY COLLEGE, BOPAL, AHMEDABAD,
(86) International Application No	:NA	GUJARAT India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ABHISHEK GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for Coating Atomized Photoluminescent pigment on fabric /Stitched Fabric Substrate. Process/Methods of coating Atomized Photoluminescent pigment on Fabric/Stitched Fabric Substract. This will enable cost effective production of Fabric/Stitched fabric with photoluminiscent for use in many types of end byproducts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : HERBAL COMPOSITION FOR TREATING LIVER DISEASES

(51) International classification	:A61K36/748
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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495 001, INDIA Chattisgarh India
(72)**Name of Inventor :**
1)PRAVEEN SHARMA

(57) Abstract :

The present invention provides herbal pharmaceutical composition for treating patients with liver diseases comprising of two main herbal ingredients althea rosea and pterosperum canescens. optionally one or more catalyser which contribute towards the enhancement of efficacy of the pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3305/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM OF HANDLING SHIPMENT CONTRACTS AND THE METHOD THEREOF

(51) International classification	:G06F21/62, G06F21/64
(31) Priority Document No	:13110454.3
(32) Priority Date	:10/09/2013
(33) Name of priority country	:Hongkong(China)
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NG, HUNG YUEN

(57) Abstract :

A method is disclosed for handling shipment contracts comprising the steps of: (a) sending a first message with a first encrypted data therein to at least one consolidator, the message comprising a unique shipment contract from a carrier; (b) authenticating the consolidator of interest by using the first encrypted data; (c) sending a second message with a second encrypted data to the correspondence address of the consolidator of interest; (d) authenticating the consolidator of interest by using the second encrypted data; and (g) generating a temporary account for the consolidator of interest at the web portal for completing the shipment contract to the carrier using a unique identifier of the master consolidator. A system for handling shipment contracts and data exchange is also disclosed.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM FOR PRODUCING ICE SLURRY USING SEA WATER

(51) International classification

:B01D9/00,
C02F1/22

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Chirag Ice Factory Pvt. Ltd

Address of Applicant :D-29/12, M.I.D.C., Turbhe, Navi
Mumbai 400705 Maharashtra India

(72)Name of Inventor :

1)Rustom Boman Irani

(57) Abstract :

The present invention provides a system for producing slurry ice using sea water. The system has a prime mover, a compressor, a condenser, a receiver and at least one ice maker. The compressor is coupled to the prime mover. The compressor compresses the refrigerant which is in the gaseous form. The condenser is connected to the compressor with a oil separator therebetween for receiving refrigerant from the compressor, the oil separator separates oil from the refrigerant and allows to pass refrigerant only to the condenser, the condenser condenses the refrigerant. The receiver is provided for storing condensed refrigerant and an accumulator for accumulating refrigerant. The at least one ice maker receives the refrigerant from the accumulator through an expansion valve, wherein the at least one ice maker produces slurry ice by using water and freezing point depressant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : COAL BRIQUETTE AND A METHOD FOR COLD BRIQUETTING OF COAL FINES USING A POLYMERIC ORGANIC BINDER

(51) International classification	:C10L5/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESSAR STEEL INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :27 KM SURAT HAZIRA ROAD,
(33) Name of priority country	:NA	DIST-SURAT, GUJARAT-394270, DIST. SURAT, GUJARAT,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. GAUTAM BANERJEE
(61) Patent of Addition to Application Number	:NA	2)MR. SIRSHENDU CHATTERJEE
Filing Date	:NA	3)MR. DHIRAJ KADHE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the method of cold briquetting of coal fines using organic binder and is particularly applicable to charge the briquettes in the melter-gasifier of Corex iron making furnace. The application can extend to other high temperature reactors like coal-gasifiers where the briquettes need to have adequate strength at high temperature. A coal briquette comprising polymer based organic binder either alone or in combination thereof to provide the high temperature strength as well as room temperature requirements for metallurgical applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3312/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPINDLE STEP UNIT OF A SPINDLE BEARING DEVICE, SPINDLE BEARING DEVICE AND TEXTILE MACHINE

(51) International classification	:D01H7/04
(31) Priority Document No	:102012021439.1
(32) Priority Date	:31/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAURER COMPONENTS GMBH
Address of Applicant :MARIA-MERIAN-STRASSE 8, 70736
FELLBACH, GERMANY
(72)**Name of Inventor :**
1)WINTER, JOSEF

(57) Abstract :

In order to further structurally simplify conventional spindle bearing devices, the invention proposes a spindle step unit (1) of a spindle bearing device (2) for mounting a spindle, the spindle step unit (1) having a spindle axial bearing element (11) for the axial mounting of the spindle and a spindle radial bearing element (12) for the radial mounting of the spindle, the spindle axial bearing element (11) and the spindle radial bearing element (12) being held in a common bearing bush element (10), and the common bearing bush element (10) being arranged so as to be both axially and radially mounted on a housing sleeve(3) of the spindle bearing device (2) by means of at least one axial-radial support element (22A, 22B), which is configured in one piece and resiliently.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3313/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS FOR SHORTENING CSFB PERFORMANCE TIME AND COMMUNICATION APPARATUSES UTILIZING THE SAME

(51) International classification	:H04L12/24	(71)Name of Applicant :
(31) Priority Document No	:61/717,875	1)MEDIATEK INC.
(32) Priority Date	:24/10/2012	Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-
(33) Name of priority country	:U.S.A.	BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN,
(86) International Application No	:NA	R.O.C.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HUNG-YUEH CHEN
(61) Patent of Addition to Application Number	:NA	2)CHUN-PIN CHEN
Filing Date	:NA	3)CHIH-YUAN TSAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for shortening a circuit switch fallback (CSFB) performing time includes determining a plurality of weighting values each associated with one of a plurality of frequencies to be measured during a CSFB procedure, determining a frequency measurement sequence for scheduling the frequencies to be measured in sequence according to the determined weighting values, and measuring a signal quality on the frequencies according to the frequency measurement sequence.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.285/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTELLIGENT HVAC COMPRESSOR FOR THE RECOVERY OF KINETIC ENERGY DURING BRAKING/RECUPERATION IN AUTOMOBILES

(51) International classification	:B60W20/00, B60H1/32	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C. SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)A SRINIWAS
(87) International Publication No	: NA	2)P. PRABAHARAN
(61) Patent of Addition to Application Number	:NA	3)C. NANDAGOPALAN
Filing Date	:NA	4)R. GANESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates an intelligent compressor and a system for the recovery of kinetic energy during braking/recuperation in automobiles. The said system comprises a compressor of air-conditioner unit with condenser and evaporator having a rotating swash plate (301), adjustable at variable angle by using springs and linkage that move lengthwise along the driveshaft, to reciprocate pistons (302) for compressing the refrigerant. An electromagnetic clutch (303) in the form of electromagnetic control valve, with port and passages that connect to the suction (low-side) and discharge (high-side) chambers of the compressor head for adjusting compressor housing pressure for refrigerant pressure in the compressor housing to vary the displacement of piston. A pulley (304) provided to the said drive shaft to take power from vehicle engine shaft; an EMS of the said engine connected through CAN to the said the HVAC controller system. A pressure and temperature sensor provided to communicate to said HVAC controller, EMS and compressor housing to give electrical signal to the said electromagnetic control valve to change the swash plate angle after sensing acceleration or deceleration of vehicle and the refrigerant differential pressure before and after a throttle at the discharge side.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2850/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR TREATMENT OF ION EXCHANGE RESINS FOR RESTORATION OF ION EXCHANGE CAPACITY

(51) International classification	:B01J49/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV
(33) Name of priority country	:NA	222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHOWN BISWAJIT
(61) Patent of Addition to Application Number	:NA	2)GHOSH SWAPAN
Filing Date	:NA	3)DAS ASIT KUMAR
(62) Divisional to Application Number	:NA	4)SALGARKAR SUYOG SUBHASH
Filing Date	:NA	5)BAISHYA MUKUNDA MADHAV
		6)LADANI MITUL AMRUTBHAI
		7)PANSERIYA CHIRAG DALPATBHAI

(57) Abstract :

The present disclosure relates to a method of treatment of ion exchange resin to restore ion exchange capacity. The present disclosure particularly relates to a method of treatment of ion exchange resin using at least one non-acidic crude oil condensate and at least one organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2852/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : FILM COMPOSITION CONTAINING BUPRENORPHINE AND NALOXONE

(51) International classification	:A61K31/44, A61K9/14, A61F13/00	(71)Name of Applicant : 1)RAPTIM RESEARCH LTD. Address of Applicant :A-226, TTC INDUSTRIAL AREA, MAHAPE MIDC, NAVI MUMBAI 400701 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SHAH, RAJEN DHIRUBHAI
(33) Name of priority country	:NA	2)BAGUL, MILIND SAKHARAM
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides film compositions comprising buprenorphine and naloxone for sublingual administration to a patient in need for the treatment of opioid/ narcotic dependence.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3335/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR MEASUREMENT OF THE HEATING VALUE OF A GAS STREAM

(51) International classification :G01N25/22,G01N33/22
(31) Priority Document No :13/660,011
(32) Priority Date :25/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AXETRIS AG
Address of Applicant :SCHWARZENBERGSTRASSE 10,
6056 KAEGISWIL, SWITZERLAND
(72)**Name of Inventor :**
1)KINKADE BRIAN
2)GREGORIA JOE

(57) Abstract :

A sample stream of the gas to be analyzed is fed into a combustor. The combustor mixes the gas with ambient air to an over-stoichiometric oxygen content and combusts the sample gas completely. A respective TDLS analyzer measures the CO₂ and/or H₂O concentration of the combustors flue gas. In case that the sample gas contains relevant concentrations of CO₂ and/or H₂O, a second TDLS CO₂ and/or H₂O analyzer may be added which measures the CO₂ and/or or H₂O concentration upstream of the combustor. The measurement of methane and ethane or other hydrocarbon and mixtures thereof is also possible. The method and device allows the measurement of the heating value and/or the total organic carbon of a natural gas with high temporal resolution. The advantages of the invention are: Real-time determination of gas quality and energy value; real-time determination of Total Organic Carbons; if required, real-time measurement of the non-methane/ non-ethane Total Organic Carbons; unattended, calibration- and service-free operation over extended periods of time and operation without consumables.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DESIGNING A 3D MODELED OBJECT

(51) International classification	:G06T17/30, G06T15/00	(71)Name of Applicant : 1)DASSAULT SYSTEMES
(31) Priority Document No	:12305490.0	Address of Applicant :10 Rue Marcel Dassault, 78140
(32) Priority Date	:02/05/2012	VELIZY VILLACOUBLAY, FRANCE
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)Richard MAISONNEUVE
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 :

It is provided a computer-implemented method for designing a 3D modeled object. The method comprises providing (S10) a base mesh controlling a subdivision surface. The subdivision surface models the 3D modeled object. The method also comprises providing (S20) a polyline consisting of connected edges of the base mesh and defining (S30) a smooth portion of the polyline comprising an extremity of the polyline and a sharp portion of the polyline upstream the smooth portion. The method also comprises converting (S40) faces of the mesh adjacent to the polyline into parametric patches approximating the subdivision surface. The patches have a G0 connection across the sharp portion of the polyline, and the patches have a Gi connection across the smooth portion of the polyline, where i is an integer higher or equal to 1. Such a method improves the design of a 3D modeled object modeled by a subdivision surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1979/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HAND HELD MANUALLY ACCELERATED YO YO

(51) International classification :A63H1/30
(31) Priority Document No :201310321577.8
(32) Priority Date :29/07/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/088244
Filing Date :30/11/2013
(87) International Publication No :WO 2015/014055
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GUANGDONG ALPHA ANIMATION & CULTURE CO. LTD.
Address of Applicant :Auldey Industrial Area Wenguan Road
M. Chenghai District Shantou Guangdong 515800 China
2)GUANGDONG AULDEY ANIMATION & TOY CO. LTD.
3)GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO. LTD.
(72)Name of Inventor :
1)CAI Dongqing

(57) Abstract :

A hand held manually accelerated yo yo comprising two rotating bodies (1) a button (2) mounted at the middle of the outside of one of the rotating bodies (1) a side shaft cap (3) mounted at the middle of the outside of the other rotating body (1) a manual acceleration structure disposed inside the rotating bodies (1) and connecting the rotating bodies (1) together forming one body and a bearing (4) for winding a string located between the two rotating bodies (1); the two ends of the manual acceleration structure are connected to rotating bodies (1) and by means of pressing button (2) the manual acceleration structure drives rotating bodies (1) to rotate in unison. The yo yo is widely adaptable and meets the play needs of a majority of children; at the same time more ways of playing with the yo yo are possible it is very fun and interesting and the user has room to exercise creativity in play.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD TO DETERMINE ZEOLITIZATION POTENTIAL OF FLY ASH FROM WET AND DRY DISPOSAL SYSTEMS.

(51) International classification	:C01B39/02	(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)PROF. D.N. SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method to determine zeolitization potential of the fly ash, using hydrothermal method has been proposed. The fly ash is treated with sodium hydroxide to form fly ash slurry which is further heated in an open reflux system at 100°C. The residues were used to determine zeolitization characteristics of the lagoon ash and hopper ash, by conducting specific gravity, chemical composition, cation-exchange capacity, silica alumina ratio, mineralogy and morphological examinations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3331/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENHANCED CONTROL DEVICE WITH DRUM AND MULTIPLE SWITCHING CHANNELS

(51) International classification	:H01H19/00, H01H19/14, H01H25/00	(71)Name of Applicant : 1)C&K COMPONENTS S.A.S. Address of Applicant :2 RUE BERTHOLLET, 39100 DOLE, FRANCE
(31) Priority Document No	:1260943	(72)Name of Inventor :
(32) Priority Date	:19/11/2012	1)VILLAIN, JEAN-CHRISTOPHE
(33) Name of priority country	:France	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a control device (20) generating electrical signals of the type comprising a bottom support (22), a first, a second, and a third fixed contacts, a first (48-1), a second (48-2), and a third (40) moving contacts, each of which is elastically deformable, an intermediate control cradle (24) which comprises a first (62-1), a second (62-2) and a third (66) actuating pawls, which is suitable for occupying an inactive position in which at least one first (S1), one second (S2) and one third (S3A, S3B) bearing points of the intermediate cradle (24) are in abutment, vertically upwards, each against an associated surface portion facing the bottom support (22), and a single top control member (26) in the form of a drum.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2480/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PACKET FOR TOBACCO PRODUCTS

(51) International classification	:B65D5/02,B65D85/10	(71)Name of Applicant :
(31) Priority Document No	:BO2012A000434	1)G.D S.P.A.
(32) Priority Date	:06/08/2012	Address of Applicant :Via Battindarno 91 I 40133 Bologna
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2013/055876	(72)Name of Inventor :
Filing Date	:17/07/2013	1)MARCHITTO Giuseppe
(87) International Publication No	:WO 2014/024067	2)NEGRINI Stefano
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is a packet for tobacco products having a longitudinal axis (A) of main extension and four side walls (2 3 4 5) which define a front wall (2) a rear wall (3) and a pair of sides (4 5) a bottom wall (6) and a top wall (7); each side wall (4 5) is joined to the front wall (2) and to the rear wall (3) by respective connecting edges (8 9 10 11); along each of the above mentioned connecting edges (8 9 10 11) there is at least one corner wall (17) which has a transversal dimension variable along a direction parallel to the longitudinal axis (A) and is defined by respective side edges (18) which extend diverging from at least one first shared vertex (19) provided along the edge (8 9 10 11) of the packet (1) and converging at least on a second shared vertex (20) also provided along the same edge (8 9 10 11); the side edges (18) define for each side wall (2 3 4 5) at least limited to the above mentioned portion touched by the side edges (18) of the corner walls (17) and between these side edges (18) a deformation which extends towards the outside of the edge of the packet (1) in such a way as to keep substantially constant the perimeter extension of each transversal section of the packet (1) executed transversely to the longitudinal axis (A).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2481/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD CLIENT SERVER AND SYSTEM FOR INTELLIGENT RECOGNIZING CONTENTS OF SHORT MESSAGE

(51) International classification :H04L29/08,H04W4/14
(31) Priority Document No :201210142217.7
(32) Priority Date :09/05/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/074062
Filing Date :11/04/2013
(87) International Publication No :WO 2013/166897
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED

Address of Applicant :Room 403 East Block 2 SEG Park
Zhenxing Road Futian District Shenzhen Guangdong 518044
China

(72)Name of Inventor :

1)WANG Qing

2)GUO Haoran

3)XIAO Quanhao

4)YUAN Yixia

5)SONG Jiashun

6)LI Pengtao

7)ZHAN Xunchang

8)LIN Chunyou

(57) Abstract :

A method a client a server and a system for intelligent recognizing contents of short message are provided. The method includes the following steps: sending a short message verification request from a client to a provider s server to request a verification authenticity of information read by an application; receiving a short message fed back by the provider s server according to the short message verification request; recognizing the fed back short message and extracting key information thereof according to a pre set message analysis template and automatic entering the key information to the application.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2757/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN APPARATUS AND A METHOD FOR INSCRIBING AN OBJECT WITH AN INSCRIBING TOOL

(51) International classification	:B44B3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAVINDRA GANPAT CHOPADE
(32) Priority Date	:NA	Address of Applicant :ROOM NO.69, GOKHALE NAGAR,
(33) Name of priority country	:NA	OPP. I.I.T. MAIN GATE, POWAI, MUMBAI - 400076.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAVINDRA GANPAT CHOPADE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an inscribing apparatus as well as a method, more specifically related to embossing, engraving and half cutting. The apparatus comprises a movement structure arranged for moving at least one of the substrate and the tool mount, thereby to move at least one of the object and the inscribing tool. The apparatus further comprises a heating element which is thermally coupled to the inscribing tool for heating the inscribing tool and the tool tip. When in use, the heating element heats the tool tip and when the tool makes contact with the object with the material in between, the material is melted by the heat and is deposited in the inscribed region in the object.

No. of Pages : 14 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3723/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF TICAGRELOR AND INTERMEDIATES THEREOF

(51) International classification	:C07D487/04, A61K31/519, A61P7/02, C07D2	(71)Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400 002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(33) Name of priority country	:NA	2)NIPHADE NAVNATH CHINTAMAN
(86) International Application No	:NA	3)SHINDE GORAKSHANATH BALASAHEB
Filing Date	:NA	4)PADAKI SANTOSH AMBADAS
(87) International Publication No	: NA	5)MAHALE PRAVIN KESHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved process for the preparation of Ticagrelor and its intermediates thereof; wherein the said process substantially eliminates the potential impurities.

No. of Pages : 107 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2437/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BACTERIOPHAGE LYSIN AND ANTIBIOTIC COMBINATIONS AGAINST GRAM POSITIVE BACTERIA

(51) International classification	:A61K39/085,C12N9/52	(71)Name of Applicant :
(31) Priority Document No	:61/644944	1)CONTRAFECT CORPORATION
(32) Priority Date	:09/05/2012	Address of Applicant :28 Wells Avenue 3rd Floor Yonkers
(33) Name of priority country	:U.S.A.	NY 10701 U.S.A.
(86) International Application No	:PCT/US2013/040329	(72)Name of Inventor :
Filing Date	:09/05/2013	1)SCHUCH Raymond
(87) International Publication No	:WO 2013/170015	2)NOWINSKI Robert C.
(61) Patent of Addition to Application Number	:NA	3)WITTEKIND Michael
Filing Date	:NA	4)LEE Han
(62) Divisional to Application Number	:NA	5)SCHNEIDER Brent
Filing Date	:NA	

(57) Abstract :

The present invention provides compositions and methods for prevention amelioration and treatment of gram positive bacteria particularly bacteria with combinations of lysin particularly Streptococcal lysin particularly the lysin PlySs2 and one or more antibiotic including daptomycin vancomycin oxacillin linezolid or related antibiotic(s).

No. of Pages : 132 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2438/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : BIOFILM PREVENTION DISRUPTION AND TREATMENT WITH BACTERIOPHAGE LYSIN

(51) International classification :A61K39/085,A61K38/00,C12N9/52
(31) Priority Document No :61/644799
(32) Priority Date :09/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/040340
Filing Date :09/05/2013
(87) International Publication No :WO 2013/170022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CONTRAFECT CORPORATION
Address of Applicant :28 Wells Avenue 3rd Floor Yonkers
NY 10701 U.S.A.
(72)Name of Inventor :
1)SCHUCH Raymond
2)NOWINSKI Robert C.
3)WITTEKIND Michael
4)KHAN Babar
5)ROTOLO Jimmy

(57) Abstract :

The present invention provides methods for the prevention control disruption and treatment of bacterial biofilms with lysin particularly lysin having capability to kill Staphylococcal bacteria including drug resistant Staphylococcus aureus particularly the lysin PlySs2. The invention also provides compositions and methods for use in treatment or modulation of bacterial biofilm(s) and biofilm formation.

No. of Pages : 103 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.929/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DC DIGITAL WATT METER WITH COMPUTER INTERFACE

(51) International classification	:H02J3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Jodhpur, Ahmedabad-380015. Gujarat, India.

2)Shah Parin Kamalkumar

3)Jain Anjil Anvin

4)Bhavsar Swapnil Chandrakant

(72)Name of Inventor :

1)Dr. Vasani Rupesh Parmanand

2)Shah Parin Kamalkumar

3)Jain Anjil Anvin

4)Bhavsar Swapnil Chandrakant

5)Patel Bhupendra Laljibhai

(57) Abstract :

The present invention a specially design DC digital watt meter having the input and output point, the DC meter will calculate the different power quantity and require power to run and the digital values are accurate in compare to the analog DC watt meter. The DC watt meter is the special meter which is also having the computer interface and the measure quantity will be logged in the computer.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.494/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR IDENTIFICATION OF METABOLITES POSSESING CALCIUM OXALATE STONE INHIBITORY PROPERTIES IN PLANT EXTRACTS USING TLC BIOASSAY

(51) International classification	:C12N15/29, C12Q1/68, C07K14/415, C12N9/	(71)Name of Applicant : 1)Dr Anita Surendra Patil Address of Applicant :Sant Gadge Baba Amravati University, Amravati 444602 Maharashtra India 2)Mr. Hariprasad Madhukarrao Paikrao 3)Dr Surendra Raghoba Manik 4)Dr Surendra Rajaram Patil
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr Anita Surendra Patil
(32) Priority Date	:NA	2)Mr. Hariprasad Madhukarrao Paikrao
(33) Name of priority country	:NA	3)Dr Surendra Raghoba Manik
(86) International Application No	:NA	4)Dr Surendra Rajaram Patil
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to biotechnology field in which metabolite is detected using TLC antlithiatic assay from plant extract having capability of inhibition of calcium oxalate crystals which are predominant in kidney stone disorders. Kidney stone found to be major urological disorder in all across the world. Among which, Calcium-containing stones are the most common variety of urinary stone, and it comprises about 75% of all urinary calculi, which are found under the form of pure calcium oxalate (50%), calcium phosphate (5%) or a mixture of both (45%). Urinary stones are characterized by its high recurrence rate, if patients are not treated appropriately.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED ELECTRONIC TRIP UNIT FOR CIRCUIT BREAKERS

(51) International classification	:H01H71/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISHNOI, BHANWAR, LAL
(87) International Publication No	: NA	2)SHAIKH, USUFE
(61) Patent of Addition to Application Number	:NA	3)SUPEDA, PRAHLAD
Filing Date	:NA	4)AGARWAL, VIVEK, SANJAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides improved electronic trip unit for circuit breakers. In the present invention, a single microcontroller would perform the tasks of signal monitoring and metering, providing protection against electrical fault with indication and event record, communicating to a remote location and driving an LCD without using an intermediate driver. The LCD display is controlled by interfacing it directly with the controller without requiring a driver. The functionality of the driver is emulated in the firmware providing a low cost display that requires lower number of I/O pins.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : DC LINK CAPACITOR BANK

(51) International classification	:H05K1/18	(71) Name of Applicant :
(31) Priority Document No	:GB	1)CONTROL TECHNIQUES LTD
(32) Priority Date	1216943.9	Address of Applicant :THE GRO, POOL ROAD,
(33) Name of priority country	:21/09/2012	NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM
(86) International Application No	:U.K.	(72) Name of Inventor :
Filing Date	:NA	1)BERRY STEPHEN
(87) 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 capacitor bank comprising at least two series chains each comprising a plurality of capacitors, wherein the series chains are coupled in parallel at corresponding points; and a fusible link arranged to form at least part of each coupling; wherein the corresponding points of each chain that are coupled to one another are at the same voltage when the capacitor bank is operational.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3022/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MAGNETIC RESONANCE IMAGING APPARATUS AND METHOD OF ACQUIRING FUNCTIONAL IMAGE

(51) International classification

:A61B5/055

(31) Priority Document No

:10-2012-
0126385

(32) Priority Date

:09/11/2012

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, Republic of Korea.

(72)Name of Inventor :

1)LEE, Jun Ki

2)OH, Keum Yong

3)Gulaka, Praveen

(57) Abstract :

A method of acquiring a functional image whose artifacts due to a motion of an object are corrected includes acquiring functional image data of an object, acquiring structural image data of the object, acquiring motion information of the object based on the structural image data, correcting the functional image data based on the motion information related to motion of the object, and obtaining a functional image of the object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3027/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A MODIFIER FOR A COATING COMPOSITION.

(51) International classification	:C10N50/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CHEMICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI
(33) Name of priority country	:NA	STREET, MUMBAI - 400001, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DUTTA, SWAPAN
(87) International Publication No	: NA	2)SENSARMA, SOUMEN
(61) Patent of Addition to Application Number	:NA	3)PANDEY, SOMESHWARNATH
Filing Date	:NA	4)NIRMALE, TRUPTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modifier for improving the surface properties of a coating composition is disclosed. More particularly, a modifier comprising inorganic nanoparticles bonded to a crosslinking agent, which is further crosslinked to a polydialkylsiloxane diol is disclosed. A method for preparing the said modified is also disclosed.

No. of Pages : 30 No. of Claims : 9

(54) Title of the invention : NANOPRODUCT COMPRISING LACTOBACILLUS REUTERI DAN080 USEFUL IN PROPHYLAXIS AND MEDICINE BOTH HUMAN AND VETERINARY AND MEDICAL USE OF THE SAME

(51) International classification :A61K35/74,A23L1/30,A61L29/08
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/PL2012/000039
 Filing Date :29/05/2012
 (87) International Publication No :WO 2013/180585
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)KRUSZEWSKA Danuta
 Address of Applicant :Al. Wilanowska 43/5 PL 02 765
 Warszawa Poland
 (72)Name of Inventor :
1)KRUSZEWSKA Danuta

(57) Abstract :

The invention relates to a nanoproduct useful in prophylaxis and medicine both human and veterinary as well as to a medical use of the same. The invention discloses DAN080 strain with deposit number DSM 15693 for use in medicine. The various forms of preparations comprising the DAN080 strain with deposit number DSM 15693 are disclosed for use in medicine as therapeutic and prophylactic agent especially as an antimicrobial agent in prophylaxis and treatment of medical conditions developing as a result of infections caused by bacteria fungi and other pathogens of the gastrointestinal tract body surface and other systems such as urogenital system respiratory system in vertebrates or as a therapeutic and/or prophylactic agent for the treatment and prevention of development of gout (podagra) and/or for increasing the activity of lysozyme in an organism of vertebrate especially human other mammal or bird. Also the medical instruments such as catheters and hygienic articles including DAN080 strain with deposit number DSM 15693 culture products are disclosed.

No. of Pages : 74 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2889/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A COMPOSITION WITH ANTIGLYCATING PROPERTY FOR PREVENTING SECONDARY COMPLICATIONS OF DIABETES

(51) International classification	:A61K31/4172, A23L1/30, A61K33/30	(71)Name of Applicant : 1)MACS-Agharkar Research Institute Address of Applicant :G.G. Agarkar Road, Pune 411004 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Vaishali Vilas Agte
(33) Name of priority country	:NA	2)Smita Shrikant Nilegaonkar
(86) International Application No	:NA	3)Snehal Sukdev Gite
Filing Date	:NA	4)Supriya Arunrao Yadav
(87) 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 composition with antiglycating property for preventing secondary complications of diabetes comprising: mixing formulation A & B in 1:1 ratio.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3315/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPINDLE BEARING DEVICE, TEXTILE MACHINE AND METHOD FOR OPERATING A SPINDLE BEARING DEVICE AND USE OF AN O-RING ELEMENT

(51) International classification	:D01H7/04
(31) Priority Document No	:102012021401.4
(32) Priority Date	:31/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAURER COMPONENTS GMBH
Address of Applicant :MARIA-MERIAN-STRASSE 70736
FELLBACH, GERMANY
(72)**Name of Inventor :**
1)OSSWALD, UDO
2)STAUDENMAIER, GOTTFRIED
3)WINTER, JOSEF

(57) Abstract :

The invention relates to a spindle bearing device (1; 101) for mounting a spindle with a housing sleeve (3; 103) for holding a spindle collar unit (6; 106) and a spindle step unit (2; 102), in which the spindle step unit (2; 102) comprises a bearing bush element (11; 111), within which both a spindle axial bearing element (12; 112) for the axial mounting of the spindle and a spindle radial bearing element (13; 113) for the radial mounting of the spindle are arranged together. According to the invention it is provided that the bearing bush element (11; 111) of the spindle step unit (2; 102) is arranged axially prestressed relative to the spindle collar unit (6; 106) within the housing sleeve (3; 103), the bearing bush element (11; 111) being loaded both by a first spring element (30; 130), in particular a helical compression spring element (31; 131), which is arranged between the base region (8; 108) of the housing sleeve (3; 103) and the bearing bush element (11; 111), and by a second spring element (22; 122), in particular a resiliency deformable elastomer body element (23), which is arranged between the bearing bush element (11; 111) and the spindle collar unit (6; 106).

No. of Pages : 26 No. of Claims : 11

(54) Title of the invention : COMPACT DUAL TAPERED FLOCCULATOR IN THE PROCESS OF WATER TREATMENT.

(51) International classification	:C02F1/00, C02F9/00	(71)Name of Applicant : 1)BHOLE A.G.
(31) Priority Document No	:NA	Address of Applicant :YASH ENCLAVE, 259,
(32) Priority Date	:NA	DHARAMPETH EXT. NAGPUR - 440011 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHOLE A. G.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention, Compact Dual Tapered Flocculator in the Process of Water Treatment is a device to be used in the process of water treatment, which is a modification of conventional tapered flocculator. The invention consists of $2n+1$ flocculators arranged in series, (n being a positive integer), each of flocculator basin consisting of a set of paddles; a common shaft, a motor and a gear box for all the basins, with an arrangement to impart the required velocity gradients G to the water in the various flocculator basins, the magnitude of G decreasing from the first flocculator unit to the last i.e. $(2n+1)$ th flocculator unit, while the detention time t of flocculation, in each flocculator basin increasing from the first to $(2n+1)$ th flocculator, thus if $G_1, G_2, G_3, G_4 \dots G_{2n+1}$ are the velocity gradients and $t_1, t_2, t_3, t_4 \dots t_{2n+1}$ are the corresponding detention times in the 1st, 2nd, 3rd, 4th $[2n+1]$ th flocculator basins respectively, then $G_1 > G_2 > G_3 > G_4 > \dots > G_n > G_{2n+1}$ and $t_1 < t_2 < t_3 < t_4 < \dots < t_{2n+1}$ and $(G_1 t_1 + G_2 t_2 + \dots + G_{2n+1} t_{2n+1}) = (G_2 t_2 + G_2 t_{2n}) = (G_3 t_3 + G_2 t_{2n-1} + \dots + G_n t_n + G_{n+2} t_{n+2}) = 2G_{n+1} t_{n+1}$ The numerous experiments conducted in the laboratory by the author of this invention showed that the invention Compact Dual Tapered Flocculator in the Process of Water Treatment gave much superior performance compared to the conventional tapered flocculation process. Since the invention is in the vertical direction, it occupies minimum space and hence the word compact

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2441/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM TO CAPTURE AND DISTRIBUTE GAS

(51) International classification	:B01D5/00, B01D 53/00	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3rd Floor, Maker Chamber-IV 222, Nariman Point Mumbai 400 021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Bangalore Venkataramu Umesh
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a system to capture and supply gas into one or more fluid bodies such as but not limiting to water bodies. The system comprises a container for receiving storing fluid, a gas distributor placed in the container, and is fluidly connected to a gas source for supplying gas into the fluid. A moving gas holder configured over the container to capture excess gas unabsorbed by the fluid, wherein the moving gas holder moves upwardly from the container upon capturing the gas. Further, at least one outlet port is provided in the moving gas holder to distribute gas accumulated in a space formed between the moving gas holder and top level of the fluid to the water bodies through floating gas holder, wherein the moving gas holder moves downwardly in the container upon supplying gas to the floating gas holder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2873/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN APPARATUS AND METHOD TO DETERMINE THE CRACKING CHARACTERISTICS OF FINE-GRAINED SOILS UNDER VARIED ENVIRONMENTAL CONDITIONS

(51) International classification	:C04B14/28	(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)PROF. D.N.SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method to determine the cracking characteristics of fine grained soil by studying the environmental factors such as temperature, humidity, specimen dimension and soil type. The present invention is to determine the evaporation rate of the fine grained soil and therefore controls the cracking of the fine grained soil. Investigating these characteristics helps to understand the vulnerability of cracking of soil when doped with chemicals under different environmental conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2449/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ISOTROPIC CONDUCTIVE ADHESIVE

(51) International classification :C09J9/02,H01B1/22,H01R4/04
(31) Priority Document No :1209486.8
(32) Priority Date :29/05/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/061091
Filing Date :29/05/2013
(87) International Publication No :WO 2013/178692
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CONPART AS

Address of Applicant :Dragonveien 54 N 2013 Skjetten
Norway

(72)Name of Inventor :

1)KRISTIANSEN Helge

2)REDFORD Keith

3)HELLAND Tore

(57) Abstract :

An isotropic conductive adhesive comprises silver coated polymer beads 12 within an adhesive matrix 8 wherein the mean average diameter of the polymer cores of the beads 12 is 5 µm or greater and less than 30 µm and wherein the silver coating comprises interlinked silver deposits grown from dispersed nucleation sites scattered across the surface of the beads.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CATALYTIC COMPOSITION AND A CATALYTIC PROCESS FOR CONVERSION OF BIOMASS TO CRUDE BIO OIL

(51) International classification	:B01J23/24, B01J21/08, B01J21/06	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MANDAN, CHIDAMBARAM
(33) Name of priority country	:NA	2)MANTRI, KSHUDIRAM
(86) International Application No	:NA	3)APEGAONKAR, SUPRIYA
Filing Date	:NA	4)BHUJADE, RAMESH
(87) International Publication No	: NA	5)SHARMA, NAGESH
(61) Patent of Addition to Application Number	:NA	6)JASRA, RAKSH VIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a catalyst composition for conversion of biomass to crude bio oil. The composition comprises at least one metal compound, at least one support and at least one stabilizing/solubilizing agent. Also disclosed are processes for the preparation of catalyst composition, and hydrothermal conversion of biomass to crude bio oil.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.873/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTEGRATED MICRO GRID POWER SYSTEM

(51) International classification	:H02J9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATI VIDYAPEETH DEEMED UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :COLLEGE OF ENGINEERING,
(33) Name of priority country	:NA	DHANAKWADI, PUNE - SATARA ROAD, KATRAJ, PUNE -
(86) International Application No	:NA	411043, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAVAN DATTA SAMPATRAO
(61) Patent of Addition to Application Number	:NA	2)NAIK HIMANSHU ARUNBHAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An integrated micro grid power system providing power to at least one load located within a geographically limited habitat having a plurality of energy sources. The system comprises a sensing unit for sensing the amount of energy available from at least one energy source, a central control unit providing control and monitoring of the system and further generates a first control signal, second control signal and third control signal based on a pre-defined criteria, a source selector selecting an optimum energy source based on the first control signal, a generating unit generating power by utilizing the energy received from the optimum energy source and a transmission unit selectively transmitting the generated power to a power storing unit and to the load by the help of a switching module based on third control signal. The load is selected by a load selector unit based on a second control signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPONENT LEG ARRANGEMENT

(51) International classification	:H01L23/00	(71) Name of Applicant :
(31) Priority Document No	:GB	1)CONTROL TECHNIQUES LTD
(32) Priority Date	1207995.0	Address of Applicant :THE GRO, POOL ROAD
(33) Name of priority country	:04/05/2012	NEWTOWN, SY16 3BE UNITED KINGDOM
(86) International Application No	:U.K.	(72) Name of Inventor :
Filing Date	:NA	1)CACHIA CHARLES ANTHONY
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic component including one or more legs for attachment to a circuit board, wherein at least one of said legs includes a spring-acting kink, arranged so as to offers resilience to relative displacement between the end of said leg and the body of said component. The kink may be substantially S-shaped, Z-shaped, U-shaped, wave-shaped or coil-shaped.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2452/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSPARENTIZING AGENT COMPOSITION RESIN COMPOSITION AND MOLDED ARTICLE

(51) International classification :C08K5/523,B65D1/02,C08K5/098
(31) Priority Document No :2012-109253
(32) Priority Date :11/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062859
Filing Date :07/05/2013
(87) International Publication No :WO 2013/168717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADEKA CORPORATION
Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku
Tokyo 1160012 Japan
(72)Name of Inventor :
1)MAEDA Takuya
2)SAKAI Atsushi
3)TANJI Naoko
4)KAWAMOTO Naoshi

(57) Abstract :

Provided is a transparentizing agent composition which is capable of providing a molded article that is suppressed in initial coloring and has excellent transparency. A transparentizing agent composition which is characterized by blending 1.0 10 parts by mass of a coloring agent per 100 parts by mass of a transparentizing agent that is represented by general formula (1). (In the formula each of R R independently represents a hydrogen atom or an alkyl group having 1 9 carbon atoms; R represents a hydrogen atom or a methyl group; n represents 1 or 2; and M represents an alkali metal in cases where n is 1 while representing Al(OH) in cases where n is 2.)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2453/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : EYEGLASSES COMPRISING ELECTRICAL AND/OR ELECTRONIC ELEMENTS

(51) International classification :G02C11/06,G02C11/04,G02C11/00
(31) Priority Document No :GE2012A000054
(32) Priority Date :21/05/2012
(33) Name of priority country:Italy
(86) International Application No :PCT/IB2013/054039
Filing Date :17/05/2013
(87) International Publication No :WO 2013/175367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IURILLI Michele
Address of Applicant :Via Palestro 9/13 I 16122 Genova Italy
(72)Name of Inventor :
1)IURILLI Michele

(57) Abstract :

Eyeglasses comprising a front frame to which two side arms are connected said eyeglasses comprising electric and/or electronic elements connected to each other by means of an electric circuit wherein the electric circuit is composed at least partially of at least one flexible printed circuit which flexible printed circuit is housed into a seat formed at least partially inside said front frame and at least partially inside at least one arm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2454/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : EMISSIONS MEASUREMENT EQUIPMENT AND METHOD

(51) International classification :G01M15/10,G01N1/22
(31) Priority Document No :61/663966
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047578
Filing Date :25/06/2013
(87) International Publication No :WO 2014/008040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AVL TEST SYSTEMS INC.
Address of Applicant :47519 Halyard Drive Plymouth
Michigan 48170 2438 U.S.A.
(72)**Name of Inventor :**
1)MAREK Gerald
2)GANJIDOOST Ali
3)CHISHOLM Colin

(57) Abstract :

An emissions test apparatus is provided and may include a filter housing having at least one of a first RFID tag and a first bar code identifying the filter housing. A filter media may be selectively disposed within the filter housing and may include at least one of a second RFID tag and a second bar code identifying the filter media. A controller may link the filter housing and the filter media when the filter media is disposed within the filter housing based on information provided by the at least one of the first RFID tag and the first bar code and the at least one of the second RFID tag and the second bar code.

No. of Pages : 39 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2455/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRONIC SYSTEM WITH AUGMENTED REALITY MECHANISM AND METHOD OF OPERATION THEREOF

(51) International classification :G06F3/01,G06F3/14,G06T17/00
(31) Priority Document No :61/643848
(32) Priority Date :07/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/003940
Filing Date :07/05/2013
(87) International Publication No :WO 2013/168954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon
si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)BEENE Jeff
2)WU Yun Z.

(57) Abstract :

A method of operation of an electronic system includes: scanning an image for detecting a subject; detecting a potential adjustment for moving the subject within the image; and selecting an augmentation for recommending the potential adjustment and for displaying the augmentation on a device.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE TREATMENT OF ACNE VULGARIS

(51) International classification	:A61K31/195, A61K31/198	(71)Name of Applicant : 1)SURALE PATIL, AJIT BALASAHEB
(31) Priority Document No	:NA	Address of Applicant :465, GURUWAR PETH, NEAR L.B.S.
(32) Priority Date	:NA	COLLEGE, SATARA CITY, SATARA-415002,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURALE PATIL, AJIT BALASAHEB
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a method of treating or reducing the skin elevations of acne vulgaris comprising administering pharmaceutical compositions suitable for oral as well as parenteral administration, wherein, pharmaceutical compositions comprises an anti-fungal agent alone or in combination with vitamin A or any derivative thereof.

No. of Pages : 21 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3436/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : BELT-MOLDING MOUNTING STRUCTURE.

(51) International classification	:B60J5/00, B60J10/04, B60J5/04	(71)Name of Applicant : 1)SHIROKI CORPORATION Address of Applicant :2, KIRIHARA-CHO, FUJISAWA-SHI, KANAGAWA, 252-0811, JAPAN
(31) Priority Document No	:2012- 245140	(72)Name of Inventor :
(32) Priority Date	:07/11/2012	1)AMEMIYA, YUHEI
(33) Name of priority country	:Japan	2)SUZUKI, SUMINAO
(86) International Application No	:NA	3)FUKUI, KATSUHISA
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 belt-molding mounting structure of a belt molding, which is attached to an upper edge of a vehicle outer door panel, wherein the door panel includes a downward-extending plate portion extending from an upper end thereof, and an inwardly inclined leaf extending obliquely from a lower end of the downward-extending plate portion toward a vehicle interior side. The belt molding has an inverted U-shape in cross section and includes a vehicle-exterior side wall, a vehicle-interior side wall and a connecting wall therebetween. An insertion groove, in which the inwardly inclined leaf is inserted, is formed in an inner surface of the vehicle-interior side wall on the vehicle door panel side, and both surfaces of the inwardly inclined leaf on the vehicle exterior and interior sides respectively contact inner surfaces of the insertion groove.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3437/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF CONTROLLING INERTIA IN WIND FARM

(51) International classification	:F03D7/00	(71)Name of Applicant :
(31) Priority Document No	:10-2013-0072685	1)INDUSTRIAL COOPERATION FOUNDATION CHONBUK NATIONAL UNIVERSITY
(32) Priority Date	:24/06/2013	Address of Applicant :(DEOKJIN-DONG 1-GA) 567, BAEKJE-DAERO, DEOKJIN-GU, JEONJU-SI, JEOLLABUK-DO, REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)KANG, YONG CHEOL
Filing Date	:NA	2)KIM, DOO YEON
(87) International Publication No	: NA	3)LEE, JIN SHIK
(61) Patent of Addition to Application Number	:NA	4)KIM, YEON HEE
Filing Date	:NA	5)KIM, JIN HO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of controlling a wind farm. A method of controlling inertia in a wind farm includes obtaining information about the frequency of an electrical grid which has been received from the electrical grid or calculated using the voltage of the wind turbine, receiving information about the rotor speed of the wind turbine, calculating the kinetic energy of the wind turbine using the information about the rotor speed, calculating an individual droop coefficient of the wind turbine using the calculated kinetic energy, and controlling the wind turbine using the calculated droop coefficient.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3438/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESSING METHOD OF SYNTHETIC FIBERS, SYNTHETIC FIBERS, A SPINNING METHOD OF SYNTHETIC FIBERS AND SPUN YARN

(51) International classification	:D06M13/292, D06M13/184	(71)Name of Applicant : 1)Takemoto Yushi Kabushiki Kaisha
(31) Priority Document No	:2012-257538	Address of Applicant :2-5 Minato-machi, Gamagori-shi,
(32) Priority Date	:26/11/2012	Aichi-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Kuniyasu Inagaki
Filing Date	:NA	2)Hirozumi Takeuchi
(87) International Publication No	: NA	3)Toshiki Ichikawa
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is to supply a processing method of synthetic fibers that can suppress scum accumulation substantially in high-speed spinning of synthetic fibers and give a high-speed spinning capability to synthetic fibers, the synthetic fibers obtained with the said processing method, a spinning method of the said synthetic fibers and a spun yarn obtained with the said spinning method. In the high-speed spinning of synthetic fibers, the processing agent containing organophosphate metal salt is given to the synthetic fibers in a specific process in the upstream and, further, the processing agent containing a lubricant is given in a specific process in the midstream.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2910/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRO-CATALYTIC HONEYCOMB FOR EXHAUST EMISSIONS CONTROL

(51) International classification	:B01D53/94, B01D53/32	(71)Name of Applicant : 1)TA-JEN HUANG
(31) Priority Document No	:101135008	Address of Applicant :NO. 101, SEC. 2, KUANG-FU RD,
(32) Priority Date	:24/09/2012	HSINCHU CITY, TAIWAN, R.O.C.
(33) Name of priority country	:Taiwan	(72)Name of Inventor :
(86) International Application No	:NA	1)TA-JEN HUANG
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 electro-catalytic honeycomb for controlling exhaust emissions, which adopts to purify a lean-burn exhaust, comprises a honeycomb structural body (10), a solid-oxide layer (20) and a cathode layer (30). The honeycomb structural body (10) includes an anode (11), a plurality of gas channels (12), and a shell (13). The anode (11) is formed as a backbone, the gas channels (12) are formed inside the backbone for passing the exhaust, and the shell (13) covers an outer surface (111) of the anode (11). The solid-oxide layer (20) is adhered to an inner surface (112) of the anode (11) and connects the shell (13) so as to encapsulate the anode (11). The cathode layer (30) is adhered to a tube wall (21) of the solid-oxide layer (20) and has an oxidizing environment. The anode (11) has a reducing environment. The reducing and the oxidizing environment facilitate an electromotive force to occur between the anode (11) and the cathode layer (30) to promote a decomposition of nitrogen oxides of the exhaust into nitrogen and oxygen.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PREFILLED SYRINGE CONTAINING HYOSINE BUTYLBROMIDE

(51) International classification	:A61K47/48, A61K48/00, A61K49/04	(71)Name of Applicant : 1)AGARWAL, Zameer Address of Applicant :F 22 Akash Tower, Opp: Premchand Nagar, Judges Bunglow Road, Satellite, Ahmedabad Gujarat India
(31) Priority Document No	:NA	2)AGRAWAL, Pawan
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)AGRAWAL, Pawan
(86) International Application No	:NA	2)AGARWAL, Zameer
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a prefilled syringe containing Hyoscine butylbromide which eliminates the risk of contamination and material loss. The present syringe being prefilled contains the concentration and the amount of frusemide required for the treatment. Therefore, the present syringe is not required to be filled from the drug ampoules and so, there are no chances of the drug getting exposed to the atmospheric contaminants leading to infections and further to health risks. Unlike the commonly used syringes, the present syringe is not made up of glass and hence it has no risks of breakage and associated material loss. Also it does not require glass ampoules to be filled from and hence there are no risks of breakage of the said ampoules leading to material loss.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1955/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEAT RECOVERY

(51) International classification :F24D17/00,F24D17/02,F24D19/00
(31) Priority Document No :1203642.2
(32) Priority Date :01/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050506
Filing Date :28/02/2013
(87) International Publication No :WO 2013/128200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WASTE HEAT RECOVERY LTD
Address of Applicant :High Garphar By Straiton Maybole
Ayrshire KA19 7QT U.K.
(72)Name of Inventor :
1)THOMSON Colin Thomas

(57) Abstract :

A heat recovery system arranged to heat water includes at least one heat exchanger(9) arranged to heat water by heat exchange with waste heat. A storage reservoir (11) is arranged to store water heated by the heat exchanger(9). The heat exchanger(9) is switchable between a first mode of operation in which water is circulated by a pump (12) in a circuit that includes the storage reservoir (11) and the heat exchanger (9) and a second mode of operation in which water is circulated by the pump (12) in a circuit that by passes the heat exchanger (9). Heated water of at least a desired minimum temperature can be supplied to at least one outlet during both the first and second modes of operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PLATE STRAINER FOR SEPARATING SOLIDS FROM LOW-VISCOSITY LIQUIDS

(51) International classification	:B30B9/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PUDDUKARAI SRINIVASAN RAMACHADRAN
(32) Priority Date	:NA	Address of Applicant :202, M.V. EVEREST, RAVI
(33) Name of priority country	:NA	INDUSTRIAL COMPOUND, PANCHPAKHADI, THANE (W) -
(86) International Application No	:NA	400 602, MAHARASHTRA India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PUDDUKARAI SRINIVASAN RAMACHADRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Strainer assembly having lower downtime, suitable for inlet and outlet size lines ranging from 3"; & above: comprising a removable filter element plate screen of bolted construction fixed at an angle of approximately 45° to the base of the body; the slanting angle maintained by means of an element mounting flange or guide channel; the element mounting flange/guide channel and the filtrate element being connected by means of a closure plate which seals the filtrate from mixing with the inlet fluid; the said filtrate element being cleaned by backwash facility once AP levels are reached; the said backwash cycle occurring by closure of both the inlet and outlet valves; the resultant slurry being drained through a reducer and expelled through a slurry drain nozzle; the said body comprising either a T arm or a manhole for facilitating removal of the filtrate element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2467/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AMIDES OF 2 AMINO 4 ARYLTHIAZOLE COMPOUNDS AND THEIR SALTS

(51) International classification :C07D495/04
(31) Priority Document No :1687/MUM/2012
(32) Priority Date :08/06/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/054703
Filing Date :08/06/2013
(87) International Publication No :WO 2013/183035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GLENMARK PHARMACEUTICALS S.A.
Address of Applicant :Chemin de la combeta 5 CH 2300 la
Chaux de fonds Switzerland
(72)Name of Inventor :
1)KADAM Suresh Mahadev
2)THOMAS Abraham
3)SINHA Sukumar
4)KUMAR Sukeerthi
5)KANSAGRA Bipin Parsottam
6)GAVHANE Sachin
7)KHANDAGALE Sandeep Bandu
8)PAWASE Shailesh
9)PATIL Jayant Prakashrao
10)BHADANE Shailendra
11)MISHRA Bhavna
12)DWIVEDI Rajesh

(57) Abstract :

The present disclosure is directed to salts of N {4 [2 4 difluoro 3 (trifluoromethyl)phenyl] 1 3 thiazol 2 yl} 2 (1 3 dimethyl 2 4 dioxo 1 2 3 4 tetrahydrothieno[2 3 d]pyrimidin 5 yl)acetamide and process for the preparation thereof (formula II).

No. of Pages : 120 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2732/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL DEPOT COMPOSITIONS

(51) International classification	:A61P7/02, A61K47/02, A61K9/00, A61K47/00	(71) Name of Applicant : 1)CIPLA LIMITED Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MALHOTRA, GEENA
(33) Name of priority country	:NA	2)PURANDARE, SHRINIVAS MADHUKAR
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: The present invention relates to long acting dosage forms comprising ulipristal for the treatment and reduction of uterine fibroids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SELECTIVE RETRIEVAL OF THORIUM (IV) AND URANIUM (VI) IONS USING ECO-FRIENDLY CELLULOSE COMPOSITE

(51) International classification	:C22B60/02, B01D11/04, G21C19/46	(71) Name of Applicant : 1)Defence Institute of Advanced Technology (DEEMED UNIVERSITY)
(31) Priority Document No	:NA	Address of Applicant :Girinagar, P.O, Pune 411025,
(32) Priority Date	:NA	Maharashtra, India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Balasubramanian K.
Filing Date	:NA	2)Parth Bhalara
(87) International Publication No	: NA	3)Deepesh Punetha
(61) Patent of Addition to Application Number	:NA	4)Renuka R. Gonte
Filing Date	:NA	5)Prashant Rule
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for synthesis of Fe₂O₃ embedded cellulose composite beads that are used for selective retrieval of thorium (IV) and/or uranium (VI) ions from a contaminated waste water solution by a batch adsorption method or a continuous adsorption method wherein the Fe₂O₃ embedded cellulose composite beads selectively trap and target heavy and toxic metal ions within a plurality of porous channels defined along a surface thereof thereby following a surface phenomenon that gradually moves towards an interior of the Fe₂O₃ embedded cellulose composite beads by a capillary action thereby following a diffusion mechanism.

No. of Pages : 62 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS AND METHOD FOR ACQUIRING IPV6 DOMAIN NAME SYSTEM SERVER AND SIP SERVER ADDRESS

(51) International classification	:H04L12/28, H04W48/16	(71)Name of Applicant : 1)MEDIATEK INC.
(31) Priority Document No	:61/760,942	Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE- BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN, R.O.C.
(32) Priority Date	:05/02/2013	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUAN-MING LIN
(87) International Publication No	: NA	2)TSUNG-CHIEH CHANG
(61) Patent of Addition to Application Number	:NA	3)YUAN-CHIEH LIN
Filing Date	:NA	4)MING-CONG SUN
(62) Divisional to Application Number	:NA	5)HUANG-YI YU
Filing Date	:NA	

(57) Abstract :

A mobile communications device, operating as a Mobile Terminal (MT), is provided. In the mobile communications device, a receiver is configured to receive a Router Advertisement from a service network, a processor is configured to set an O-Flag of the Router Advertisement to 1 when the O-Flag of the Router Advertisement from the service network is set to 0, and a transmitter is configured to transmit the Router Advertisement to a Terminal Equipment (TE), wherein the TE transmits a DHCPv6 INFORMATION-REQUEST message to the MT when the TE receives the Router Advertisement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FEMALE URINATION RECEIVER

(51) International classification	:A61F5/455,A61B10/00
(31) Priority Document No	:-
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/ZA2012/000012
Filing Date	:28/02/2012
(87) International Publication No	:WO 2013/131109
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :457 Main Road Kwa Zulu Natal 4399
Tongaat South Africa
(72)**Name of Inventor :**
1)DESAI Akhil Rajendra

(57) Abstract :

A receiver (10) for urine whether for taking sample or disposing thereof includes an open topped of saddle shape which approximates the configuration of thighs labia or other convenient zone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2353/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR A BETTING TRICK-TAKING CARD GAME

(51) International classification	:A63F1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :301, 3RD FLOOR, PALM SPRING,
MALAD LINK ROAD, MALAD (W), MUMBAI, 400 064,
Maharashtra India

(72)Name of Inventor :

1)TRIVIKRAMAN THAMPY

2)BHAVIN PANDYA

3)AVIN SHARMA

4)BINAND SETHUMADHAVAN

5)SAROJ PANIGRAHI

6)SACHIN UPPAL

7)SRIKANTH DONTI

8)SRIRAM KRISHNAMOORTHY

(57) Abstract :

A method of playing a trick- taking card game involving 2 or more players (n) in a number of hands , the method comprising distributing a number of cards from a deck of cards amongst a number of players one of whom is designated as a dealer; creating an original pot and additional pots; determining a trump suit for the hand by random selection; bidding a number of tricks the player deems fit to win the hand; discarding progressively, a card which is the suit of the card discarded by the first player to the left of the dealer, by each player for the first trick; and , discarding a trump or any other card in the absence of the same suit card; specifying an initial ante and an optional upper limit to a bet amount ;playing a new trick by the winner of the previous trick; determining the winner of the hand, wherein the number of winners is not limited to one ; and settling the hand based on the number of bids wherein the step of determining the winner comprises the number of tricks bid to be exactly equal to the number of tricks actually made.

No. of Pages : 19 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MIXTURE FOR THE INHIBITION OF MELANIN BIOSYNTHESIS

(51) International classification :A61K31/05,A61K31/231,A61K31/7008
(31) Priority Document No :BS2012A000092
(32) Priority Date :04/06/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/054606
Filing Date :04/06/2013
(87) International Publication No :WO 2013/182996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GENERAL TOPICS S.R.L.
Address of Applicant :Via Lungolago Zanardelli 32 I 25087
Sal² (BS) Italy
(72)Name of Inventor :
1)DE PAOLI AMBROSI Gianfranco

(57) Abstract :

The present invention relates to a mixture comprising acetylglucosamine and 4 (1 phenylethyl) 1 3 benzenediol for use as a cosmetic and/or medicament and particularly for the inhibition of melanin biosynthesis and to a cosmetic and/or pharmaceutical formulation comprising such a mixture for the treatment of hyperpigmented lesions of the skin such as for example but without limitation lentigo solaris age spots melasma and chloasma for rendering uniform the color of the skin for counteracting the formation of free radicals and for counteracting or preventing signs of skin aging such as wrinkles and lack of skin tone and generally for improving the aesthetic conditions of the skin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHRASE SPOTTING SYSTEMS AND METHODS

(51) International classification	:G10L15/26, G10L15/22	(71)Name of Applicant : 1)AVAYA INC
(31) Priority Document No	:13/646,303	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(32) Priority Date	:05/10/2012	RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SHAFFERM SHMUEL
Filing Date	:NA	2)PONTING, KEITH
(87) International Publication No	: NA	3)MATULA, VALENTINE C
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for identifying specified phrases within audio streams are provided. More particularly, a phrase is specified. An audio stream is then monitored for the phrase. In response to determining that the audio stream contains the phrase, verification from a user that the phrase was in fact included in the audio stream is requested. If such verification is received, the portion of the audio stream including the phrase is recorded. The recorded phrase can then be applied to identify future instances of the phrase in monitored audio streams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.276/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : LIGHT EMITTING DEVICE, DISPLAY UNIT, AND ILLUMINATION UNIT

(51) International classification	:F21V8/00, G02F1/1335	(71)Name of Applicant : 1)SONY CORPORATION
(31) Priority Document No	:2012090213	Address of Applicant :1-7-1 Konan, Minato-ku, Tokyo, Japan
(32) Priority Date	:11/04/2012	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TOMOHARU NAKAMURA
(86) International Application No	:NA	2)KAZUE SHIMIZU
Filing Date	:NA	3)GEN YONEZAWA
(87) International Publication No	: NA	4)SHINGO OHKAWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light emitting device includes: a light source; an optical component including a light incident surface, the light incident surface facing the light source; and a wavelength conversion member provided between the light source and the light incident surface, the wavelength conversion member crossing a first region and extending to a second region outside the first region, the first region being surrounded by the light incident surface and light paths of light that is emitted from the light source and enters edges of the light incident surface.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3205/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/05/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PAT GLOVES

(51) International classification

:A41D19/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FIRST TECH

Address of Applicant :B-36 ABHIMANSHREE SOCIETY,
PASHAN ROAD, PUNE 411 008, INDIA Maharashtra

(72)Name of Inventor :

1)MUHAMMAD FASIHUDDIN MAKKI

(57) Abstract :

A modified glove, Patglove where only the palm, fingers, wrist is covered with a palm shaped thin sheet comprising of materials such as paper, crepe paper, cloth, silk, latex with one top ultra thin impermeable layer of polythene to prevent the surface contaminants of human hand and finger to come in contact with food, pharmaceutical products, Bio hazard material electronic components to come in contact with covered surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.965/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED ROTOR SHIELD CONSTRUCTION FOR DOUBLE BREAK CIRCUIT BREAKER

(51) International classification	:H01H73/04, H01H71/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NEENA, K. P.
Filing Date	:NA	2)BHANUSHALI, NIKUNJ
(87) 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 zone selective interlocking assembly for clearing fault(s) in circuit breaker (s) and method thereof. The zone selective interlocking assembly comprises: an upstream trip unit; a downstream trip unit. The upstream trip unit in co-ordination with the downstream trip unit having a zone selective interlocking (ZSI) trip signal with a failsafe sensitivity value for reducing the time to clear the fault in the circuit breaker, thereby enhancing the protection to the circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2012

(21) Application No.3725/MUM/2012 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : GETAMICIN PREFILLED SYRINGE

(51) International classification	:A61K31/08, A61K31/122, A61K31/722	(71)Name of Applicant : 1)AGARWAL, Zameer Address of Applicant :F 22, Akash Tower, Opp: Premchand Nagar, Judges Bungalow Road, Satellite, Ahmedabad, Gujarat India
(31) Priority Document No	:NA	2)AGRAWAL, Pawan
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)AGRAWAL, Pawan
(86) International Application No	:NA	2)AGARWAL, Zameer
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 embodiment of the present invention relates to Gentamicin prefilled syringe that allows painless administration of sterile Gentamicin. The antibiotic drug Gentamicin can support bacterial growth if it gets contaminated and leads to serious complications during surgery. The present syringe is prefilled and does not require filing the drug from vial and so there are no chances of Gentamicin getting contaminated. Moreover the present syringe being prefilled avoids the chances of dilution and dosage errors. Hence the present syringe enables aseptic drug delivery.

No. of Pages : 17 No. of Claims : 3

(54) Title of the invention : CRUSHING RING OF A CRUSHING ROLL

(51) International classification	:B02C4/28, B02C4/30	(71)Name of Applicant :
(31) Priority Document No	:12189998.3	1)HAZEMAG & EPR GMBH
(32) Priority Date	:25/10/2012	Address of Applicant :BROKWEIG 75, 48249 DUELMEN, GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)EMMERICH JOCHEN
Filing Date	:NA	2)WOESTMANN THOMAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a crushing ring (1) of a crushing roll, comprising a base body (2) with a through-opening (3), by means of which the base body (2) can be connected to a shaft in a rotationally rigid fashion, at least one crushing tooth in the form of a projection (4) that is provided on the outer circumference (5) of the base body (2) and extends radially outward, and a crushing cap (6) that is assigned to a respective projection (4) and encases the associated projection (4) at least in the circumferential direction, with said crushing cap being realized with a front wall section (7) referred to the rotating direction (D) of the crushing ring (1), a rear wall section (8) and a head section (9) that connects the front wall section to the rear wall section (7, 8), wherein a first pin-shaped connecting means (13) is provided for separably mounting the crushing cap (6) on an associated projection (4), with said connecting means extending through the front wall section and being separably held in the projection (4), a solution is to be provided by which an improved crushing ring is available that ensures a permanent mounting of the crushing caps on the respective projections or crushing teeth, as well as a simple and reliable exchange of the crushing caps, in a constructively simple and cost-efficient fashion. This is achieved in that a second pin-shaped connecting means (14) is provided for separably mounting the crushing cap (6) on the associated projection (4), wherein the second connecting means extends through the rear wall section (8) of the crushing cap (6) and is separably held in the projection (4), and wherein the longitudinal axis (42) of the second pin-shaped connecting means (14) extends at an angle (a) of 90° relative to the rear wall surface (15) of the projection (4) referred to the rotating direction (D) of the crushing ring (1) or at an angle of less than 90° relative to the section of the rear wall surface (15) that lies between the second connecting means (14) and the head section (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2186/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED VISCOSE MAKING PROCESS AND FIBRES THEREFROM

(51) International classification

:C01B
31/30

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)BIRLA RESEARCH INSTITUTE FOR APPLIED
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Address of Applicant :BIRLAGRAM 456331, NAGDA
(MADHYA PRADESH) India

(72)Name of Inventor :

1)ADITYA NARAYAN SHRIVASTAVA

2)RAJEEV KUMAR SHARMA

3)PRAVEEN SURANGE

4)KISHORE SHOUCHE

(57) Abstract :

This application discloses a process for improving cellulose content in alkali cellulose by pressing out excess alkali from the slurry of suspended fibres from sodium hydroxide solution without increase in knots, bulk densi or hard patches. The alkaline-cellulose so produced contains 38 - 45% cellulose and alkali to cellulose ratio gets reduced to 0.33 - 0.41. The increase in cellulose content increases productivity of the xanthator. The reduction in alkali to cellulose ratio further helps to reduce carbon di sulphide consumption during xanthation by 15 - 30% without deteriorating viscose quality. The fibre so produced is having comparable properties with fibres obtained from conventional process or slurry steeping process

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LACTOL DERIVATIVES AS MOSQUITOCIDAL COMPOUNDS

(51) International classification	:A61K8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Pradeep T. Deota
(32) Priority Date	:NA	Address of Applicant :Applied Chemistry Department, Faculty
(33) Name of priority country	:NA	of Technology & Engineering, The Maharaja Sayajirao University
(86) International Application No	:NA	of Baroda, Post box no. 51, Kalabhavan, Vadodara-390001
Filing Date	:NA	Gujarat, India.
(87) International Publication No	: NA	2)Gautam M. Patel
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Pradeep T. Deota
(62) Divisional to Application Number	:NA	2)Gautam M. Patel
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel acetal derivative of lactol compounds represented by Formula-I, wherein R is C2-C16 alkyl group, exhibiting mosquitocidal activity. The present invention also relates to novel process for preparing lactol compound of Formula-II, an important intermediate in the synthesis of compound of Formula-I.

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

(54) Title of the invention : PARTIALLY-REDUCED IRON PRODUCING APPARATUS

(51) International classification	:C21C5/52, F27B9/30, C22B1/16	(71) Name of Applicant : 1)MITSUBISHI-HITACHI METALS MACHINERY, INC. Address of Applicant :34-6, SHIBA 5-CHOME, MINATO-KU, TOKYO 1080014 JAPAN
(31) Priority Document No	:2012- 208658	(72) Name of Inventor :
(32) Priority Date	:21/09/2012	1)SUSUMU KAMIKAWA
(33) Name of priority country	:Japan	2)HIDEAKI MIZUKI
(86) International Application No	:NA	3)HIDEKI ITO
Filing Date	:NA	4)KEIICHI SATO
(87) International Publication No	: NA	5)KHANHSON PHAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A partially-reduced iron producing apparatus includes: an exhaust gas circulating device (50) which supplies an oxygen-containing gas to raw-material pellets to be heated by a heat of ignition raw-material pellets, the oxygen-containing gas made by circulating part of an exhaust gas discharged from the raw-material pellets by use of the heat of the ignition raw-material pellets heated in a heating furnace (20) and mixing the discharged exhaust gas with air; and a liquid-tar separating device (105) which is provided in the exhaust gas circulating device (50) and which separates a tar component in the exhaust gas from the exhaust gas as a liquid tar. A partially-reduced iron is produced by heating and reducing the whole of the raw-material pellets in a bed height direction thereof through a combustion region for the raw-material pellets and a heating region for the raw-material pellets, the combustion region formed on an upstream side in a travelling direction of an endless grate by supplying the gas having a high oxygen concentration; and the heating region formed downstream of the combustion region in the travelling direction of the endless grate by supplying the gas having a low oxygen concentration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3232/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PNEUMATIC YARN JOINER UNIT FOR TEXTILE MACHINES

(51) International classification	:B65H54/71, B65H69/06	(71)Name of Applicant :
(31) Priority Document No	:MI2012A001748	1)SAVIO MACCHINE TESSILI S.P.A.
(32) Priority Date	:16/10/2012	Address of Applicant :VIA UDINE, 105 I-33170
(33) Name of priority country	:Italy	PORDENONE, ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BADIALI ROBERTO
(87) International Publication No	: NA	2)DEL PUP MAURO
(61) Patent of Addition to Application Number	:NA	3)PREMI MAURO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pneumatic splicer of the type comprising a splicing chamber (3) supplied from opposite sides with two tails (1 , 2) to be joined, for each of said tails (1 , 2) there being provided, arranged in a specular manner in relation to said splicing chamber (3), clamping means (6,7) of the tails (1 , 2) positioned at one side of said chamber (3) as well as preparation means (4,5) and cutting means (8,9) positioned on the other side of said splicing chamber (3), characterized by the fact of comprising for each tail (1 , 2) means of selective retention and release (8,8,8,9,9,9) thereof positioned on the same side as said cutting means (8,9) in relation to the splicing chamber (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PLASTIC CONTAINER IN PARTICULAR FOR CARBONATED LIQUIDS

(51) International classification	:B65D23/00, B65D51/20	(71)Name of Applicant : 1)KRONES AG
(31) Priority Document No	:10 2012 102 641.6	Address of Applicant :BOEHMERWALDSTRASSE 5 93073 NEUTRAUBLING GERMANY
(32) Priority Date	:27/03/2012	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)ALEXANDER SCHAU
(86) International Application No	:NA	2)JOCHEN FORSTHOEVEL
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 plastic container (1) for receiving liquids, comprising a base area (2), a main body (4) adjoining to said base area (2) in a longitudinal direction (L) of the container, a shoulder area (6) adjoining to said main body (4) in the longitudinal direction (L) of said container (1), and a mouth area (8) adjoining to said shoulder area (6) in the longitudinal direction (L) of said container (1), said mouth area (8) having a container mouth (12). According to the invention, the container (1) has a gripping area (10) provided between said main body (4) and said container mouth (12) in the longitudinal direction (L) of said container (1), the external cross section of said gripping area being smaller than an average external cross section of said shoulder area (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2847/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPACT, LOW POWER & DUST FREE PROJECTION DEVICE WITH BUILT IN COMPUTER

(51) International classification	:H04N5/74, H04S7/00	(71) Name of Applicant : 1)TIRUBAA TECHNOLOGIES PVT. LTD.(INDIA) Address of Applicant :KRISHNASHREE, 1294, SHUKRAWAR PETH, SUBHASH NAGAR, PUNE-411002 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MILIND KSHIRSAGAR
(87) 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 Projector incorporates DLP technology with LED lamp which reduces the power consumption to 12 Volt DC and therefore makes it feasible to use solar or wind power to operate the Projector. The said invention comes with a dust free engine with no moving parts and the cooling fan is replaced with heat pipe which will avoid constant breakdowns and reduces the noise levels while using the Projector. Also the Projector is very compact hence easy to carry and use with built in memory and operating system such as Android thereby avoiding the need to have a separate computer to use the Projector which makes it more convenient to use and cost effective. Another important aspect of the Projector is the wireless data connectivity with built in Ethernet and White Board integration making it very useful for class room learning. This has applications in education institutes, offices and home use.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.915/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : RUNNING PETROL CAR WITH WATER AND CARBIDE

(51) International classification	:F23N5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHD. RAHISH
(32) Priority Date	:NA	Address of Applicant :H.NO. - 10/60, SADAR BAZAR,
(33) Name of priority country	:NA	SAGAR (M.P.) India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHD. RAHISH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved process for producing acetylene gas is disclosed. A relatively safer fuel gas meant for internal combustion engine is produced by reacting metal carbide with water. In the preferred embodiment of the present invention, calcium carbide is reacted with water to create heat and acetylene. Small quantity of limestone powder and aluminium metal piece is also added to the reaction mixture. The invention provides an improved, economical, efficient process of producing acetylene gas by using reagents which are relatively less inexpensive, environmentally safer and are abundantly available in nature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS OF MANUFACTURING BIO-BASED HYBRID ADVANCED COMPOSITES AND PRODUCT THEREOF

(51) International classification	:C08L63/00, B32B27/04, B32B3/12	(71) Name of Applicant : 1)SP ADVANCED ENGINEERING MATERIALS PRIVATE LIMITED Address of Applicant :70, NAGINDAS MASTER ROAD, FORT, MUMBAI 400 005, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. ARINDAM MUKHERJI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of manufacturing bio-based hybrid advanced composites comprising : (a) treating fibers with coupling agent; (b)dehumidifying the aforesaid fibers; (c) grafting the fibers obtained in step (b) with an elastomer or a monomer; (d) dehumidifying the aforesaid grafted fibers; (e) dispersing the grafted fibers in resins dissolved in solvents, followed by devolatilizing the solvents; (f) stretching and compressing the fibers obtained from step (e). The present invention relates to bio-based hybrid advanced composites obtained from the process thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A MISTAKE PROOFING RESTING AID AND METHOD FOR A FOOT GEARED TWO WHEELED MOTOR VEHICLE

(51) International classification	:F24F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MADIBOYNE VIJAY GOPAL
(32) Priority Date	:NA	Address of Applicant :Shaahu Nagar, Vivekananda Square,
(33) Name of priority country	:NA	Nanded Road, Latur, Maharashta, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADIBOYNE VIJAY GOPAL
(87) 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 side arm resting aid for a two wheeled geared type motor vehicle, comprising an arm member with a head portion, a shoulder portion, a leg portion and a foot portion, a mounting base plate at the head portion of the arm member, a mounting pin with which the mounting base plate is pivotally mounted on to a lower side section of the two wheeled gear type motor vehicle body enabling it to rotate to either a housing position or an operative position is disclosed. A U • shaped bracket having an extended body welded to the shoulder portion of the arm member of the resting aid is configured to move through the gear shifting rod and on to the top of the rear platform of the gear shifting rod to arrest its movement is disclosed.

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

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4087/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CHUCK FOR A MACHINE TOOL FOR MACHINING A TUBULAR ROTATING WORKPIECE

(51) International classification :B23B31/16
(31) Priority Document No :10 2011 117 883.3
(32) Priority Date :08/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004199
Filing Date :06/10/2012
(87) International Publication No :WO 2013/068065
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SMS MEER GMBH
Address of Applicant :Ohlerkirchweg 66 41069
Mnchengladbach Germany
(72)Name of Inventor :
1)ESSER Karl Josef
2)DERIX Rainer

(57) Abstract :

The invention relates to a chuck (1) for a machine tool for machining a tubular workpiece which rotates about a rotational axis (4) that coincides with the centre of the chuck comprising at least two chucking slides (7a b c) that are designed to be positionable radially with respect to the rotational axis (4) in order to release and chuck the workpiece are arranged on the end side of and in a manner distributed uniformly around the circumference of a chuck head plate (2) and bear chucking jaws (8a b c). The operating characteristics for the central and/or balancing chucking of a tube are improved when each chucking slide (7a b c) is assigned firstly transverse slides (9a b c) which are provided tangentially to the rotational axis (4) in the head plate (2) are acted upon by an adjusting means and have a slide block (11) formed as a rack (12) on a longitudinal side and secondly separate toothed wheels (19a b c) which mesh with the racks (12) wherein each chucking slide (7a b c) is provided on its underside with a driving claw (17) which in order to deflect the movement of the transverse slide (9a b c) in an adjusting movement extending at right angles to the rotational axis (4) of the chucking slide (7a b c) is in engagement with a slot like guide groove (16) provided in the slide block (11) of the transverse slide (9a b c) and wherein the toothed wheels (19a b c) are assigned a coupling pinion (20) that can be engaged and disengaged axially with respect to the rotational axis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4088/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR SIMULTANEOUSLY TRANSMITTING OR RECEIVING MULTIPLE MANAGED OBJECTS

(51) International classification	:H04L12/24	(71) Name of Applicant :
(31) Priority Document No	:201110353690.5	1)ALCATEL LUCENT
(32) Priority Date	:09/11/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:China	France
(86) International Application No	:PCT/IB2012/002540	(72) Name of Inventor :
Filing Date	:25/10/2012	1)YAO De Yi
(87) International Publication No	:WO 2013/068837	2)SONG Yi
(61) Patent of Addition to Application	:NA	3)XIAO Wei Si
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for simultaneously transmitting and receiving multiple managed objects in order to compensate for the inadequacies of the current 3GPP TS32.607 standard characterized in that the method comprises: encapsulating two or more managed objects in one or more atomic transactions according to internal attributes and data processing of the managed objects wherein each atomic transaction includes at least two managed objects; according to a pre defined association rule determining association relationships between managed objects in the one atomic transaction or determining association relationships between multiple atomic transactions and association relationships between managed objects in each of the multiple atomic transactions; and transmitting one or more atomic transactions through a communication network.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4089/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PERCUTANEOUS INTRAVASCULAR ACCESS AND GUIDEWIRE PLACEMENT

(51) International classification	:A61M25/09,A61M25/06	(71)Name of Applicant :
(31) Priority Document No	:61/556128	1)CAYMUS MEDICAL INC.
(32) Priority Date	:04/11/2011	Address of Applicant :27123 Calle Arroyo Ste 2101 San Juan
(33) Name of priority country	:U.S.A.	Capistrano CA 92675 U.S.A.
(86) International Application No	:PCT/US2012/063444	(72)Name of Inventor :
Filing Date	:02/11/2012	1)KELLERMAN Brad M.
(87) International Publication No	:WO 2013/067446	2)HULL Jeffrey E.
(61) Patent of Addition to Application	:NA	3)WROLSTAD David K.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for allowing passage of a guidewire from a primary blood vessel to an adjacent secondary blood vessel includes a main body having a primary lumen and a secondary lumen and a piercing member disposed in the secondary lumen and configured to be moved distally out of the secondary lumen and to pierce through tissue while being distally moved. A third lumen located within the piercing member is configured to allow placement of a guidewire from the primary blood vessel to the adjacent secondary blood vessel. In one embodiment the secondary lumen is configured to allow articulation of the distal end of the piercing element. The piercing member has a sharp point on one end to facilitate cutting a small communicating aperture from the primary blood vessel to the secondary blood vessel.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4092/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR VIDEO CODING AND AN APPARATUS

(51) International classification :H04N7/26,H04N7/50,H04N7/34
(31) Priority Document No :61/555703
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2012/051070
Filing Date :02/11/2012
(87) International Publication No:WO 2013/064749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)BICI Mehmet Oguz
2)LAINEMA Jani
3)UGUR Kemal

(57) Abstract :

The invention relates to a method for encoding a method for decoding an apparatus computer program products an encoder and a decoder for video information. The motion vector for a block in a video image is predicted from a set of motion vector prediction candidates determined based on previously coded motion vectors. A motion vector prediction candidate is included in the set based on the location of the block associated with the first spatial motion vector prediction candidate and in comparison with motion vector prediction candidates already in the set.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4093/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FORCED AIR COOLED POWER CONVERSION DEVICE

(51) International classification	:H02M7/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2011/077720
Filing Date	:30/11/2011
(87) International Publication No	:WO 2013/080345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KITANAKA Hidetoshi

(57) Abstract :

A power conversion module comprising cooler base units (27a 27d) having semiconductor elements (25) mounted thereto and cooler fan units (26a 26d) provided on the rear surface side of the semiconductor element mounting surface in the cooler base units (27a 27d). Said power conversion module is configured as a power conversion block (70a) combining power conversion sub blocks (75a 75b) having: an open section wherein cooler fan units (26a 26b) are attached back to back cooler fan units (26c 26d) are attached back to back the cooler fan units (26a 26b and 26c 26d) are present and external air flows; and cooler attachment members (72a 72b) configured such that sealed sections wherein the semiconductor elements are present are separated therefrom and cool air can flow to the cooler fan units (26a 26d).

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4095/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUXILIARY POWER SOURCE DEVICE FOR VEHICLE AND OVERCURRENT PROTECTION METHOD

(51) International classification :H02M7/48,B60L1/00,B60L3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No:PCT/JP2011/077393
Filing Date :28/11/2011
(87) International Publication No :WO 2013/080279
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)ACHIHARA Masato
2)HARADA Ryotaro

(57) Abstract :

An auxiliary power source device for a vehicle is provided with a control section (10) and a resonant inverter circuit (1) that converts DC input to a desired AC voltage and delivers this as output. The control section (10) is provided with: a resonance time management section (13) that manages the resonance time of the current flowing in the resonant inverter circuit (1); a gate OFF instruction generating section (12) that based on the detection current of a current detector (CT1) detects overcurrent flowing in the resonant inverter circuit (1) and if such overcurrent is detected generates a gate OFF instruction for turning switching elements (HGU1 HGV2) of the resonant inverter circuit (1) OFF after lapse of the time at which the current flowing in the switching elements (HGU1 HGV2) initially becomes zero based on the detection current of the current detector (CT1) and the resonance time which is managed by the resonance time management section (13); and a gate signal generating section (14) that generates a gate signal that controls turning OFF of the switching elements (HGU1 HGV2) when the gate OFF instruction is input.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4096/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : CURVED SURFACE WELD OVERLAY METHOD AND LANCE MANUFACTURING METHOD EMPLOYING SAME

(51) International classification :B23K9/04,B23K9/00,B23K35/02
(31) Priority Document No :2011244730
(32) Priority Date :08/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078496
Filing Date :02/11/2012
(87) International Publication No :WO 2013/069573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JFE STEEL CORPORATION
(72)Name of Inventor :
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2)HIRATA Jun
3)TSUKAMOTO Shingo
4)ENOKIDO Hirofumi
5)IKEGAMI Hirofumi

(57) Abstract :

A curved surface weld overlay method comprises: a first step of tack welding either steel or stainless steel netting material (29 31) in weld regions which are formed in the outer side of a bent portion (16) in the radial direction at the inner part of an inner pipe (14) of a lance which is formed in whole or in part from a curved surface; and a second step of carrying out an overlay weld with a metal having heat and abrasion resistance upon the netting material (29 31) and forming overlays (19 21) in the weld regions. It is thus possible to smoothly carry out on an inner side surface of a steel structure having a curved surface (for example a pipe having a bent portion) an overlay weld with a metal having heat and abrasion resistance.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4123/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DIPHENYLAMINE COMPOUND AND METHOD FOR PRODUCING SAME

(51) International classification :C07C209/10,C07C211/56,C07C213/02
(31) Priority Document No :2011273666
(32) Priority Date :14/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081492
Filing Date :05/12/2012
(87) International Publication No :WO 2013/089002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ITO Minoru
2)IKUMI Akiko

(57) Abstract :

[Problem] To provide an inexpensive and simple method for producing a diphenylamine compound the method being capable of solving the problems of the prior art including decrease in reactivity limits to substituents high temperature high pressure or byproducts. In addition to provide a diphenylamine compound that is useful as an intermediate for medicine and pesticides etc.

[Solution] A method for producing a diphenylamine compound represented by general formula (3) and a diphenylamine compound represented by general formula (3) the method characterized in that an aniline compound represented by general formula (2) is reacted with a 2,6-dichloronitrobenzene compound represented by general formula (1) under the presence of a base and an ether solvent.

No. of Pages : 83 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4124/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MICROCAPSULES A PROCESS OF MAKING SUCH MICROCAPSULES AND COMPOSITIONS UTILISING SUCH MICROCAPSULES

(51) International classification	:B01J13/18
(31) Priority Document No	:11290567.4
(32) Priority Date	:07/12/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/074757
Filing Date	:07/12/2012
(87) International Publication No	:WO 2013/083760
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Vernier Switzerland

(72)Name of Inventor :

1)BONE Stephane

(57) Abstract :

A method of forming active containing microcapsules by the steps of (i) emulsifying the active in water in the presence of a polymeric emulsifier; (ii) adding to the emulsion thus formed a blend of at least 2 silanes and hydrolysing them prior to (iii) forming a shell by increasing the pH characterised in that (iv) the polymeric emulsifier also acts as a templating agent for the organosilicon compounds; (v) the silanes are compounds of the Formula (I) in which R is independently C C linear or branched alkyl or alkene optionally comprising a functional group selected from amino and epoxy m is from 1 4 and selected such that there is present at least 2 silanes with different functionalities m. The resulting microcapsules have excellent properties and are especially effective for use with fragrances.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4125/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : RESPIRATOR HAVING FOAM SHAPING LAYER WITH RECESSED REGIONS SURROUNDING AIR PASSAGEWAYS

(51) International classification :A62B18/02,A62B23/02,A62B7/10
(31) Priority Document No :13/311603
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/067753
Filing Date :04/12/2012
(87) International Publication No :WO 2013/085898
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEE Jin Ho
2)MOON Jungchul
3)PARK Kangsoo
4)NOH Dong Sun

(57) Abstract :

A filtering face mask 10 that has a harness 14 and a mask body 12. The mask body 12 includes a filtering structure 18 and a cup shaped shaping layer 20 where the latter comprises a closed cell foam layer that has a plurality of fluid permeable openings 22 located in it. The openings 22 are surrounded by recessed regions 31. The filtering structure 18 does not make substantial contact with the shaping layer 20 at the recessed regions. The shaping layer 20 makes contact with the wearer s face at the mask body perimeter 19 when the respirator is being worn. The use of a foam shaping layer that has openings surrounded by recessed regions provides sufficient structural integrity or stiffness to prevent mask body collapse during respirator use while also exhibiting a low pressure drop and rapid fluid distribution of air within the mask to allow for low breathing resistance and extended wearer comfort

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4126/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : 2 OXO OXAZOLIDIN 3 5 DIYL ANTIBIOTIC DERIVATIVES

(51) International classification :C07D413/14,A61K31/501
(31) Priority Document No :PCT/IB2011/054968
(32) Priority Date :08/11/2011
(33) Name of priority country :Argentina
(86) International Application No :PCT/IB2012/056236
Filing Date :07/11/2012
(87) International Publication No :WO 2013/068948
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)HUBSCHWERLEN Christian
2)RUEEDI Georg
3)SURIVET Jean Philippe
4)ZUMBRUNN ACKLIN Cornelia

(57) Abstract :

1a1b1a1b 1a 1b213133534413The invention relates to antibacterial compounds of formula I (Formula I) (I) wherein R represents H or carboxy and R represents H or R and R represent together either the group C(0) NH S or the group C(OH)=N S wherein represents the point of attachment of R and represents the point of attachment of R; R represents H (C C)alkyl hydroxy (CC)alkyl benzyl or (C C)cycloalkyl; R represents H or halogen; U represents N or CR; wherein R is H or (C C)alkoxy; A represents CH B represents NH and m represents 1 or 2 and n represents 1 or 2; or A represents N B is absent m represents 2 and n represents 2; Y represents CH or N; and Q represents O or S; and salts of such compounds.

No. of Pages : 87 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL STABLE PHARMACEUTICAL COMPOSITION COMPRISING CINACALCET HYDROCHLORIDE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Micro Labs Limited
(32) Priority Date	:NA	Address of Applicant :No. 27, Race Course Road, Bangalore-
(33) Name of priority country	:NA	560 001, Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KSHIRSAGAR, Rajesh
(87) International Publication No	: NA	2)NIMBALKAR, Sudarshan
(61) Patent of Addition to Application Number	:NA	3)BT, Prakash
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel stable immediate release pharmaceutical composition comprising Cinacalcet or pharmaceutically acceptable salts thereof and one or more pharmaceutical excipients and the process for preparing the same, whereas the composition of the present invention has in-vitro dissolution profile comparable to commercially available Cinacalcet hydrochloride immediate release tablet Sensipar®

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4113/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : COOLING DEVICE FOR UNDER FLOOR DEVICE FOR VEHICLE

(51) International classification :B61C17/00
(31) Priority Document No :2011270023
(32) Priority Date :09/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/080368
Filing Date :22/11/2012
(87) International Publication No :WO 2013/084729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKASHIMA Yukio
3)IPPOSHI Shigetoshi

(57) Abstract :

A cooling device for an under floor device for a vehicle is provided with: a base plate having an under floor device mounted on the rear face side thereof; a heat radiation section mounted to the front face side of the base plate and radiating heat which is transferred from the under floor device through the base plate; a cover for covering the heat radiation section and having side face openings in both side faces of the cover which face the movement direction of a vehicle the side face openings enabling relative air flow to flow therein and enabling the flowed in relative air to flow therefrom; and guide plates provided in the side gap regions between the heat radiation section and the side face of the cover the side face being located on the side into which the relative air flow flows the guide plates closing at least a part of the gap region between the heat radiation section and the faces of the cover which connect both side faces of the cover the guide plate conducting to the heat radiation section the relative air flow which flows in from the side face openings.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4114/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR FILLING A GAP IN THE COATING OF A PIPELINE COATED WITH A COATING PREFERABLY A THERMO INSULATING COATING

(51) International classification :B29C45/00,B29C45/18,F16L1/26
(31) Priority Document No :2007737
(32) Priority Date :07/11/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050784
Filing Date :07/11/2012
(87) International Publication No :WO 2013/070074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAVELIN Kirill Gennadjevich

(57) Abstract :

The present invention relates to a method for filling a gap (13) in the coating (5) of a pipeline coated with a coating in particular a thermo insulating coating. The method according to the invention comprises the steps of placing in the gap (13) a mixture of solid elements and a thermoplastic polymeric material in fluid state and letting the thermoplastic polymeric material in fluid state solidify.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEMBRANE BASED PROCESSES FOR REDUCING AT LEAST ONE IMPURITY AND MAKING A CONCENTRATE COMPRISING AT LEAST ONE NATURAL COMPONENT FROM A NON MARINE FATTY ACID OIL MIXTURE AND COMPOSITIONS RESULTING THEREOF

(51) International classification :C11B3/00,C11B3/10,B01D61/14
(31) Priority Document No :61/557577
(32) Priority Date :09/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/072103
Filing Date :08/11/2012
(87) International Publication No :WO 2013/068443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LIM Fui Wen
5)ROCHA Maria Ines Fontes
6)SONDB– Sverre
7)TORP Eddy G.

(57) Abstract :

The present disclosure relates generally to processes for reducing impurities and separating natural components from a non marine fatty acid oil mixture using at least one selective membrane and compositions thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4116/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRANSPARENT CERAMIC MATERIAL

(51) International classification :C04B35/115,C04B35/44,C04B35/443

(31) Priority Document No :10 2011 085 868.7

(32) Priority Date :07/11/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/072055
Filing Date :07/11/2012

(87) International Publication No :WO 2013/068418

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

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

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2)WITTIG Frank

(57) Abstract :

The subject matter of the present invention is a transparent ceramic material and the use thereof. The transparent ceramic material has an RIT > 75% measured on a 2 mm thick polished disk with light with a wave length of 600 nm and average particle sizes in the range of > 10 to = < 100 micrometer preferably > 10 to 50 micrometer more preferably > 10 to 20 micrometer. The transparent ceramic material is for example Mg Al spinel ALON aluminium oxide yttrium aluminium garnet yttrium oxide or zirconium oxide.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.29/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ANTIMICROBIAL SILVER-SILICA-SILICONE COMPOSITE FOR PLASTIC AND POLYMER APPLICATION AND THE METHOD OF PREPARATION THEREOF

(51) International classification

:C12C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)Naveen Jyothinagar Munishetty

(57) Abstract :

The present invention provides with the composition of the silver-silica-silicone composites and process for the preparation thereof. The process comprises an aqueous or solvent based nano silver particulate suspension mixed with silicon dioxide i.e. SiO₂ at high shear. Silicone oil is added and the temperature of the solution is increased. The aqueous particulate silver suspension are phase transferred at higher temperature without any binding agent. After complete removal of moisture, precipitated form of silicon dioxide is added to get the silver-silica-silicone composite powder. The silver-silicone-silica composite obtained by the process of present invention is used in antibacterial finish for control of growth of microbes and to avoid formation of stains and odour on consumer applications such as toothbrush, medical application such as medical devices, industrial application such as kitchen surfaces etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4097/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW POWER INTEGRATED CIRCUIT TO ANALYZE A DIGITIZED AUDIO STREAM

(51) International classification :G10L15/26,G10L15/28,G06F1/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application
No :PCT/US2011/063804

Filing Date :07/12/2011

(87) International Publication
No :WO 2013/085507

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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2)MARTI Stefan J

3)KIM Seung Wook

(57) Abstract :

Examples disclose a low power integrated circuit to receive and digitize an audio stream. Further the examples provide the low power integrated circuit to compare the digitized audio stream to a keyword and store the digitized audio stream in a memory.

Additionally the examples also disclose upon recognition of the keyword in the digitized audio stream the low power integrated circuit transmits a signal to a processor to increase power and analyze the digitized audio stream.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4099/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : REDUCING POWER CONSUMPTION FOR CONNECTION ESTABLISHMENT IN NEAR FIELD COMMUNICATION SYSTEMS

(51) International classification	:H04B5/02
(31) Priority Document No	:61/564238
(32) Priority Date	:28/11/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/062747
Filing Date	:31/10/2012
(87) International Publication No	:WO 2013/081762
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HAVERINEN Anssi Kaleva

(57) Abstract :

A method and apparatus for reducing power consumption associated with establishing a connection in a near field communication system is disclosed. According to some embodiments when requesting an active mode NFC connection the initiator device can selectively extend transmission of its NFC carrier signal by an extended period of time after transmitting a polling command to the target device. The extended period of time allows the target device additional time to stabilize its clock signal and transmit its own NFC carrier signal back to the initiator device. As a result the initiator device may wait to enable its NFC clock generator until after receiving a polling command that requests the active mode NFC session. In this manner when the initiator device requests a passive mode NFC connection the target device may not enable its NFC clock generator thereby reducing power consumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.55/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRAILING ARM AIR SUSPENSION SYSTEM

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI - 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)A. SAHAYA GRINSPAN
(87) International Publication No	: NA	2)C. CHINMAY KSHIRSAGAR
(61) Patent of Addition to Application Number	:NA	3)SATHYA PRASAD MANGALARAMANAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a suspension system for a vehicle, and more particularly to a trailing arm air suspension system having air springs, leaf springs, jounce stopper assembly, belt assembly and trailing arms integrated with the rear drive axle of the vehicle. A major limiting factor in the conventional vehicle air suspensions system is that it must account for lateral stability of the axle and offer a degree of lateral stability. Therefore, to overcome this problem, to increase the lateral stability in the present invention the air springs are protected by the inclusion of jounce stopper assemblies and belt assemblies, partial load of the rear drive axle is shared by the inclusion of leaf springs, and cornering load experienced in the suspension is endured by the spring shackle assemblies.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2673/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS

(51) International classification	:F28D15/00	(71)Name of Applicant :
(31) Priority Document No	:13170378.7	1)ABB Research Ltd.
(32) Priority Date	:04/06/2013	Address of Applicant :of Affolternstrasse 44, CH-8050
(33) Name of priority country	:EPO	Zürich, Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGOSTINI, Bruno
(87) International Publication No	: NA	2)ELOMAA, Heikki
(61) Patent of Addition to Application Number	:NA	3)SUNDELIN, Jari
Filing Date	:NA	4)LAURILA, Risto
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an apparatus comprising an evaporator with a base plate (2) having a first surface for receiving a heat load from one or more electric components, tubes (4) that partly penetrate into the base plate (2) via a second surface of the base plate (2) for providing evaporator channels (6) which are embedded into the base plate (2) and condenser channels (7) which are located outside of the base plate (2). In order to obtain a compact and efficient apparatus the connecting parts include hollow sections (8, 9) located within the tubes (4), each hollow section (8, 9) connecting the channels (6, 7) of a tube (4) to each other in the vicinity of an end of the tube (4) in order to allow fluid to flow between the channels (6, 7) of the tube via the hollow section (8, 9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2674/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELECTRIC CABLE, IN PARTICULAR FOR SOLAR AND WIND POWER PLANTS

(51) International classification	:H01B7/00	(71)Name of Applicant :
(31) Priority Document No	:01052/13	1)LEONI Studer AG
(32) Priority Date	:03/06/2013	Address of Applicant :of Herrenmattstrasse 20, CH-4658,
(33) Name of priority country	:Switzerland	Dniken SO, Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STUDER, Christoph
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an electric cable comprising at least one conductor (2) that is provided with a metal reinforcement (4) lying between an inner plastic sleeve (3) and an outer plastic sheath (6, 7), the reinforcement consisting of at least one longitudinal strip applied concentrically around the inner plastic sheath (3) and that is adhered at the overlap point (5) by means of an adhesive applied here, in particular a hot-melt adhesive. In this way the transverse water tightness, the service life of the insulation and the transverse heat conduction in the cable can be improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4153/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPTIMIZING ENCODING/DECODING OF COMPENSATION OFFSETS FOR A SET OF RECONSTRUCTED SAMPLES OF AN IMAGE

(51) International classification	:H04N7/26
(31) Priority Document No	:1119206.9
(32) Priority Date	:07/11/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2012/072071
Filing Date	:07/11/2012
(87) International Publication No	:WO 2013/068428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Tokyo 146 8501 Japan

(72)Name of Inventor :

1)LAROCHE Guillaume

2)GISQUET Christophe

3)FRANCOIS Edouard

4)ONNO Patrice

(57) Abstract :

The present invention provides a method and a device for coding and decoding at least a part of an image comprising a plurality of samples each sample comprising at least two components and the encoded image comprising at least one filtering parameter. The filtering comprises using at least one filtering parameter as a common filtering parameter for filtering both the first component and the second component of a constructed sample.

No. of Pages : 53 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4154/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING COMPENSATION OFFSETS FOR A SET OF RECONSTRUCTED SAMPLES OF AN IMAGE

(51) International classification	:H04N7/26
(31) Priority Document No	:1119206.9
(32) Priority Date	:07/11/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2012/072069
Filing Date	:07/11/2012
(87) International Publication No	:WO 2013/068427
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CANON KABUSHIKI KAISHA
Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
Tokyo 146 8501 Japan
(72)**Name of Inventor :**
1)FRANCOIS Edouard
2)LAROCHE Guillaume

(57) Abstract :

Compensation offsets are provided for a set of reconstructed samples of an image. Each sample has a sample value. A method of providing the compensation offsets comprises selecting based on a rate distortion criterion a classification from among a plurality of predetermined classifications. Each predetermined classification has a classification range smaller than a full range of the sample values and is made up of a plurality of classes each defining a range of sample values within the classification range into which class a sample is put if its sample value is within the range of the class concerned. A compensation offset is associated with each class of the selected classification for application to the sample value of each sample of the class.

No. of Pages : 48 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5557/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : HORIZONTAL THREE STROKE SAFETY DOOR LOCKING WITH A SINGLE KEY

(51) International classification

:B21D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M Natarajan

Address of Applicant :Prasanth Bhavan Manvila Kulathoor-
Post Office Thiruvananthapuram Kerala India

(72)Name of Inventor :

1)M Natarajan

(57) Abstract :

The present invention is a horizontal three stroke locking apparatus. In one embodiment the apparatus comprises a top and bottom slide units including, a base plate having a slot dimension for the clearance of movement of the slide stock, wherein the slot with the dimension of 3224mm, a brackets including plurality of U • brackets, angle brackets and a adjustable brackets, wherein U • bracket preset on the base plate to hold the slide stock, angle brackets mounted on the slide stock and in the base plate and the adjustable brackets on the base plate including a hole for the coach screw, a motion change cam in the base plate of the top and bottom slide unit with the pin lever coupled and acquires the bush bearing in-between the opening, wherein the bush bearing coupled tightly to the slide stock and works accordingly with the movement of motion change cam and a spring coupled to angle bracket of base plate and the slide stock which establishes the lock and unlock positions, a central unit including a central base plate and a central slide unit, wherein the central base plate comprises a playing disk, main lock and a lock stock and a lever means to receive the connecting rods of the top and bottom slide unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4024/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROVIDING PATH INFORMATION IN MIXED COMMUNICATION NETWORKS

(51) International classification :H04L12/729
(31) Priority Document No :13/301576
(32) Priority Date :21/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/066109
Filing Date :20/11/2012
(87) International Publication No :WO 2013/078228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)COHEN Etan Gur
2)ZHAO Yili
3)RYAN Michael B.
4)SHALOM Hai
5)COWAN Anthony J.

(57) Abstract :

System and method for selecting a transmission medium on which to transmit a first stream. At least one of the plurality of transmission media may be substantially dynamic in nature. Path characteristics of each of a plurality of transmission media may be determined. A first transmission medium may be selected from the plurality of transmission media for the first stream based on the determined path characteristics. A first plurality of packets of the first stream may be transmitted on the first transmission medium.

No. of Pages : 83 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4025/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTO ORDERING OF STRONGLY ORDERED DEVICE AND EXCLUSIVE TRANSACTIONS ACROSS MULTIPLE MEMORY REGIONS

(51) International classification	:G06F13/16
(31) Priority Document No	:13/315370
(32) Priority Date	:09/12/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/068820
Filing Date	:10/12/2012
(87) International Publication No	:WO 2013/086529
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International Ip Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)PANA VICH Jason Lawrence
2)DIEFFENDERFER James Norris
3)SARTORIUS Thomas Andrew
4)SPEIER Thomas Philip

(57) Abstract :

Efficient techniques are described for controlling ordered accesses in a weakly ordered storage system. A stream of memory requests is split into two or more streams of memory requests and a memory access counter is incremented for each memory request. A memory request requiring ordered memory accesses is identified in one of the two or more streams of memory requests. The memory request requiring ordered memory accesses is stalled upon determining a previous memory request from a different stream of memory requests is pending. The memory access counter is decremented for each memory request guaranteed to complete. A count value in the memory access counter that is different from an initialized state of the memory access counter indicates there are pending memory requests. The memory request requiring ordered memory accesses is processed upon determining there are no further pending memory requests.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.51/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : RESISTANCE RELATION FOR NaCl₂ SOLUTION BY R. VELMURUGAN

(51) International classification	:H01J11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. VELMURUGAN
(32) Priority Date	:NA	Address of Applicant :146/5, NORTH STREET,
(33) Name of priority country	:NA	SENGAMED (VILL), AVINANGUDI (PO), TITTAGUDI (TK),
(86) International Application No	:NA	CUDDALORE DIST, PIN 606 112 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Fully charged lead -acid battery show negative resistance by induction my insight induce me to find whether sodium chloride solution show negative resistance or not thus I immersed multimeters both electrode in to NaCl₂ solution ,immersion of both electrode show increase of resistance thus make effort to make relation for resistance of sodium chloride solution. Heretofore written facts are background of invention.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5899/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : METALLIC COLLAR BUSH TO PROTECT PANELS OF AVIONICS COCKPIT DISPLAY UNITS

(51) International classification	:B23P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PINNU SUMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Metallic Collar Bush is intended for its use near the fixing holes. It is designed to protect the Cockpit panels from cracks, paint peel off and scratches near the fixing holes. It protects the cockpit panel by providing bearing area for the fixing screws. For the purpose of qualification tests of the Cockpit Display Units whether it is in the lab, assembly shop or in the field, the Cockpit display panel is opened and assembled again and again. As a consequence of this, the cockpit panel is damaged near fixing holes due to repeated assembling and disassembling with the aid of screw drivers. The basic material of cockpit panel is acrylic. One of the important properties of this material is to light transmission. So, from the damaged areas it permits light to travel. The result is the light leakage from restricted areas. This causes hindrance to the pilot especially during night flying. The Metallic Collar Bush helps in protecting the cockpit panel from issues quoted above by creating bearing surface area for the fixing screws. The assembly is shown in Fig: 1. Metallic Collar Bush is designed with interference fit. Hence no chatter is observed during vibration & it does not require any hardware for fixing them too. Hence, Metallic Collar Bush protects the cockpit panel without adding much weight to the display unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4107/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD MODULE AND UE FOR NETWORK ACCESS CONTROL

(51) International classification :H04W12/08,H04L29/06,H04W28/00
(31) Priority Document No :201110348979.8
(32) Priority Date :07/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/002666
Filing Date :06/11/2012
(87) International Publication No :WO 2013/068839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)Name of Inventor :
1)DENG Yun A.

(57) Abstract :

There is no detailed scheme implementing access controls using extended access barring (EAB) in the current technology. The invention provides a method module and UE of implementing access controls the method comprises the following steps: b. determining (104 105) whether the UE has a special access level which is valid and not barred: when having determining the UE can access a current cell; d. determining (103) whether a system information block comprises extended access barring (EAB) parameters of the UE when comprising: e. determining (116 110) whether the UE can access the current cell based on extended access barring according to the extended access barring (EAB) parameters of the UE. The invention provides a method of implementing access controls based on extended access barring.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4108/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : TRIGGERING SOCIAL PAGES

(51) International classification :G06F17/30,G06F13/14
(31) Priority Document No :61/556140
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063440
Filing Date :02/11/2012
(87) International Publication No :WO 2013/067444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GOOGLE INC.

Address of Applicant :1600 Amphitheatre Parkway Mountain View California 94043 U.S.A.

(72)Name of Inventor :

1)HORLING Bryan C.

2)BYTTOW David M.

3)DESIKAN Pavan K.

4)DIWANJI Pavani

5)HO Ronald

6)KAMDAR Sagar

7)SU Sara

8)GUNDOTRA Vivek P.

(57) Abstract :

Methods systems and apparatus including computer programs encoded on a computer storage medium for information retrieval. In one aspect a method includes receiving a search input including one or more search terms; determining whether the search input includes a particular token; in response to determining that the search input includes the particular token determining whether the one or more search terms are associated with a particular social page; in response to determining that the one or more search terms are associated with the particular social page providing the particular social page without providing search results.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4109/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MANUFACTURING METHOD FOR DOUBLE SIDED ADHESIVE MATERIAL AND ARTICLE PROVIDED WITH DOUBLE SIDED ADHESIVE MATERIAL

(51) International classification :C09J7/02,B31D1/02
(31) Priority Document No :2011264570
(32) Priority Date :02/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/US2012/067275
Filing Date :30/11/2012
(87) International Publication No :WO 2013/082416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)SHINOZAKI Kotaro

(57) Abstract :

To provide a method for manufacturing a double sided adhesive material suitable for the size and shape of various articles using a simple process without reducing the yield of the adhesive material that is used and to provide an article with a double sided adhesive material that uses the double sided adhesive material obtained by this manufacturing method. [Resolution means] Liquid photo curing adhesive 12 is applied by direct drawing onto a specific region corresponding to the size and shape of an article to be used on the surface of a first plate 10 using a robot. A sheet shaped second plate 20 is placed on the first plate 10 where the adhesive 12 was applied such that the adhesive 12 is interposed between both plates. Light for curing the adhesive is then irradiated from both sides of the adhesive 12 so that the light will pass through both the first plate 10 and the second plate 20 and reach the adhesive 12.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5905/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW HOP RATE FREQUENCY SYNTHESIZER AT V/UHF BAND FOR JAM RESISTANCE COMMUNICATION SYSTEM

(51) International classification	:H03L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANDAPAKA VENKATESWARA SRI NAGESH
(61) Patent of Addition to Application Number	:NA	2)POTLURI PADMAJA
Filing Date	:NA	3)KAMLEKAR SRIKANTH
(62) Divisional to Application Number	:NA	4)KALMALA ARUN KUMAR
Filing Date	:NA	

(57) Abstract :

The low hop rate frequency synthesizer is a low noise, wide band, fast settling frequency synthesizer based on Fractional-N Phase-Locked-Loop (PLL) technology. It comprises of Integrated PLL & VCO IC, Programmable Logic device, and Voltage regulator. Voltage regulator provides the regulated voltages to Synthesizer. To generate required frequency, the synthesizer is programmed through Serial interface. Programmable Logic Device (PLD) generates these serial controls required for the synthesizer. Based on the selections made (frequency information) through the the Digital Signal Processing module (DSP), synthesizer generates frequency. Along with frequency information DSP provides commands like mode of operation (Conventional/ Frequency Hopping). If FH mode is selected in DSP generates pseudo random frequency code at every 10mS. PLD calculates Integer and fractional values and sends hopping data to synthesizer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.114/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FERTILISER HAVING REDUCED BIURET CONTENT

(51) International classification	:C05G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:NA	MAATSCHAPPIJ B.V.
(33) Name of priority country	:NA	Address of Applicant :Carel van Bylandtlaan 30, 2596 HR The
(86) International Application No	:NA	Hague, The Netherlands
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GARCIA MARTINEZ , RAFAEL ALBERTO
(61) Patent of Addition to Application Number	:NA	2)ALLAIS, CYRILLE PAUL
Filing Date	:NA	3)D'MELO, DAWID JOHN
(62) Divisional to Application Number	:NA	4)MANIKANDAN, CHITHRA
Filing Date	:NA	

(57) Abstract :

The present invention discloses the use of a lignin compound to prepare a urea fertiliser having reduced biuret content.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4014/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYDANTOIN DERIVATIVES USEFUL AS KV3 INHIBITORS

(51) International classification :C07D307/52,C07D307/79,C07D405/12
(31) Priority Document No :PCT/GB2011/052414
(32) Priority Date :06/12/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/053045
Filing Date :06/12/2012
(87) International Publication No :WO 2013/083994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AUTIFONY THERAPEUTICS LIMITED
Address of Applicant :B205 Imperial College Incubator Level
1 Bessemer Building Imperial College London SW7 2AZ U.K.
(72)Name of Inventor :
1)ALVARO Giuseppe
2)MARASCO Agostino

(57) Abstract :

The invention provides compounds of formula (I): Said compounds being modulators of Kv3 channels and of use in the prophylaxis or treatment of related disorders.

No. of Pages : 78 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4127/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : 2 (1 2 3 TRIAZOL 2 YL)BENZAMIDE AND 3 (1 2 3 TRIAZOL 2 YL)PICOLINAMIDE DERIVATIVES AS OREXIN RECEPTOR ANTAGONISTS

(51) International classification :C07D413/10,C07D413/14,C07D417/14
(31) Priority Document No :PCT/IB2011/054976
(32) Priority Date :08/11/2011
(33) Name of priority country :Argentina
(86) International Application No :PCT/IB2012/056218
Filing Date :07/11/2012
(87) International Publication No :WO 2013/068935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BOLLI Martin
2)BOSS Christoph
3)BROTSCHI Christine
4)HEIDMANN Bibia
5)SIFFERLEN Thierry
6)WILLIAMS Jodi T.

(57) Abstract :

115The present invention relates to 2 (1 2 3 triazol 2 yl)benzamide and 3 (1 2 3 triazol 2 yl)picolinamide derivatives of formula (I) Formula (I) wherein Ar Q and R to R are as described in the description to their preparation to pharmaceutically acceptable salts thereof and to their use as pharmaceuticals to pharmaceutical compositions containing one or more compounds of formula (I) and especially to their use as orexin receptor antagonists.

No. of Pages : 113 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4128/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SHUTTERED LC ADAPTER

(51) International classification :G02B6/38,H01R13/447
(31) Priority Document No :13/293591
(32) Priority Date :10/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060188
Filing Date :15/10/2012
(87) International Publication No :WO 2013/070388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PANDUIT CORP.

Address of Applicant :18900 Panduit Drive Tinley Park
Illinois 60487 U.S.A.

(72)Name of Inventor :

1)SANDERS Joseph E.

2)KUFFEL Gregory L.

3)IRWIN Phillip J.

4)MARRS Samuel M.

(57) Abstract :

A shuttered adapter is described that includes a shuttered housing (120) a shutter sub assembly frame (160) contained within the housing a pair of shutter doors (150 151) hingedly secured to the shutter sub assembly frame and a door spring (170) configured to push the shutter doors outward from the shutter sub assembly frame and away from each other. In addition a shuttered adapter is described that includes a housing and a spring like shutter attached to the front of the center wall of the housing. The shutter has a pair a door flaps extending into the ports of the adapter at a rearward angle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5912/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : POTTING JIG USED FOR POTTING THE INDIGENIZED FDHV UNIT OF PAR 2080C

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMESH JAYARAMAN
(61) Patent of Addition to Application Number	:NA	2)POOLDANDIKAR MANISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Potting JIG for potting the FDHV unit is designed in such a way that the potting process becomes simpler and easier. The JIG enables simultaneous pouring of two different potting insulating materials having different physical characteristics. The JIG is made up of a material called Tool Steel capable of accommodating both materials. The potting Tool supports the component plate of FDHV(called as Float Deck High Voltage module), acts as an envelope and gives cavity for pouring potting materials. The top plate which will be used in covering the parent module (FDHV)is hanged according to dimensions 8B position required in design of FDHV module. The provision for bringing out electrical wires connected to the PCB circuit is provided in the tool .Accurate gap is maintained between plates as per design. Specially designed locators will hold the Top Plate and thus accurate Gap is maintained between the plates. The Potting Jig will allow to Pot the potting material upto the required height approximately from the base of the heat sink as the overall height of Potting Tool is 85mm. The Potting jig is non reactive with Potting Material and can withstand high Pouring and curing Temperatures. The Tooling Steel used in potting Jig has high Hot Hardness and does not lose material properties at high Temperature and thus can be kept in oven during curing. A special Locator is Designed to Hang the Top Plate of FDHV according to required position and dimension. The present cost of each FDHV unit is EURO 22000 (Approx Rs. 18 Lakh and needs 12 months Lead Time for Procurement from OEM, Selex Italy. Indigenously 8 sets are planned in 4 months time and at a cost of Apprx. Rs.5.00 lakh each, which results in savings of Rs. 13.00 Lakh per set and substantial advantage in time schedule. Thus, the Potting Jig will help to achieve above Goal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4050/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF C ARYL GLUCOSIDES

(51) International classification :C07H1/00,C07H7/04,C07H7/06

(31) Priority Document No :61/556780

(32) Priority Date :07/11/2011

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

(86) International Application No:PCT/IB2012/002894

Filing Date :07/11/2012

(87) International Publication No :WO 2013/068850

(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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1)HENSCHKE Julian Paul

2)LIN Chen wei

3)WU Ping yu

4)HSIAO Chi nung

5)LIAO Jyh hsiung

6)HSIAO Tsung yu

(57) Abstract :

The present invention provides processes for stereoselectively preparing C arylglucosides that can be useful as synthetic building block or drugs including SGLT2 inhibitors.

No. of Pages : 106 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4051/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF (R) N BENZYL 2 ACETAMIDO 3 METHOXYPROPIONAMIDE

(51) International classification :C07C237/22,C07C231/02,C07D263/06
(31) Priority Document No :3787/CHE/2011
(32) Priority Date :10/11/2011
(33) Name of priority country :India
(86) International Application No :PCT/IN2012/000734
Filing Date :08/11/2012
(87) International Publication No :WO 2013/072936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RAMAMOHAN Rao Davuluri
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8 2 120/113 Rd No 2 Banjara Hills Hyderabad 500 034 Andhra Pradesh India
(72)Name of Inventor :
1)RAMAMOHAN Rao Davuluri

(57) Abstract :

The invention is a novel process for the preparation of lacosamide by employing novel intermediates of formula III and IV.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4052/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DUAL CURE SYSTEM

(51) International classification :C08L63/00,C08G59/50,C08L67/06
(31) Priority Document No :11191660.7
(32) Priority Date :02/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073889
Filing Date :29/11/2012
(87) International Publication No :WO 2013/079563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL 3811 MH
Amersfoort Netherlands
(72)Name of Inventor :
1)KOERS Frederik Willem Karel
2)TALMA Auke Gerardus

(57) Abstract :

Multi pack curable composition comprising: a first pack comprising a blend of (i) an epoxy resin (ii) an unsaturated polyester or vinyl ester resin and optionally (iii) a peroxyester a second pack comprising an amine curing agent for the epoxy resin and at least one transition metal compound selected from iron copper and manganese compounds and at least when the first pack does not contain a peroxyester a third pack comprising a peroxide.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.63/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR TYPE PRESSURE MONITORING SYSTEM USING ROTARY POTENTIOMETER

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. V. SUGUMARAN
(32) Priority Date	:NA	Address of Applicant :13, 12TH CROSS, BHARATHI
(33) Name of priority country	:NA	NAGAR, KARUVADI KUPPAM, PUDUCHERRY - 8 India
(86) International Application No	:NA	2)MR. HEMANTH MITHUN PRAVEEN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. V. SUGUMARAN
(61) Patent of Addition to Application Number	:NA	2)MR. HEMANTH MITHUN PRAVEEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This system proposes a method to continuously monitor the tyre pressure using a simple rotary potentiometer. As tyre pressure is a contributing factor for speed, fuel economy, and traction in an automobile it is necessary for the driver to be intimated about any abnormality. The current system consists of a mechanical assembly with a rotary potentiometer. The potentiometer measures the angular displacement of the assembly and indicates the approximate tyre condition. The system can distinguish six different categories - Over pressure, Normal, 25% deflation, 50% deflation, 75% deflation & Full deflation. The system uses an 8-bit microcontroller to process the voltage from the potentiometers and indicates the result on an LCD display on the dashboard. This system can be a very simple and cheap replacement for both direct and indirect existing tyre pressure monitoring systems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR INDICATING ON/OFF STATUS OF A LOAD IN A MULTI-WAY SWITCH

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAVEEN KUMAR BARAD
(87) International Publication No	: NA	2)SARAVANAN MANICKAVASAGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for indicating on/off status of a load in a multi-way switch The present invention relates to a system and method for indicating on/off status of a load in multi-way switch installation. The system comprises a first switch having a common, first and second contact terminals, and at least one second switch having a common, first and second contact terminals. Each switch has an electronic intelligent unit (EIU) that is arranged with a controller and a status indicator. The contact terminals of each switch are internally connected to the controller of their respective EIUs, such that the controller of each switch simultaneously determines contact position of its own switch and communicates with other switch to recognize contact position of other switch. The controller of each switch actuates its indicator based on the determined contact positions of each switch to indicate on/off status of the load in the respective switches. Thus, the present system and method facilitates the user to easily identify whether the load is ON or OFF condition by referring any of the switches in the multi-way switch during both normal and power outage conditions.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.115/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD AND AN ELECTRONIC DEVICE FOR AUTOMATICALLY CHANGING SHAPE BASED ON AN EVENT

(51) International classification	:H01H	(71)Name of Applicant : 1)Samsung R & D Institute India- Bangalore Private Limited Address of Applicant :# 2870, Orion Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore-560037 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Barath Raj Kandur Raja
(87) International Publication No	: NA	2)Adarsha Ananda
(61) Patent of Addition to Application Number	:NA	3)Phani Avadooth Rekapalli Veera Venkata
Filing Date	:NA	4)Ananya Padmanabha Suvarna
(62) Divisional to Application Number	:NA	5)Rajath Basur Kumaraswamy
Filing Date	:NA	6)Sushant Kathuria
		7)Jyothish Narayan
		8)Periyasamy Paramasivam
		9)Kumar Murugesan
		10)Magesh Krishnamurthy

(57) Abstract :

A method and an electronic device for automatically changing shape based on an event. The embodiments of the invention relates to flexible electronic devices, and more particularly to a mechanism for changing shape of the electronic device based on the event triggered in the electronic device. The electronic device identifies the current shape of the device and the event of the electronic device. Based on the event, a shape is determined. The electronic device comprises a shape control layer. Further the shape control layer comprises plurality of actuators. When inflation strength is applied to the actuators, the actuators project surface of the electronic device associated with the determined shape. A plurality of electromagnets in the shape control layer retains the change in the shape of the electronic device and helps in balancing shape of the electronic device.

No. of Pages : 85 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2649/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HAIR CLIPPER COMB WITH MAGNETIC ATTACHMENT

(51) International classification	:B26B19/00	(71)Name of Applicant :
(31) Priority Document No	:61/828,917	1)WAHL CLIPPER CORPORATION
(32) Priority Date	:30/05/2013	Address of Applicant :of 2900 North Locust Street, Sterling,
(33) Name of priority country	:U.S.A.	Illinois 61081-0578, USA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)McCAMBRIDGE, James E.
(87) International Publication No	: NA	2)LANGLEY, Luther D.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An attachment comb (20) is provided for a hair clipper (10), and includes a comb body (22) having a leading edge (24) and an attachment edge (26), a blade-engaging surface (28) and an opposite outer surface (30), and a plurality of teeth (32) projecting from the leading edge. Sidewalls (34) on the comb body project from the body, and at least one of the sidewalls defines a magnet opening (42). The blade-engaging surface has a magnet recess (64) located adjacent a corresponding magnet opening, the magnet recess defining a magnet pocket (66). A magnet (46) has a peripherally projecting base flange (60) and is constructed and arranged for insertion through the magnet opening and such that the flange is insertable into the recess and the magnet is disposed in the magnet pocket so that a blade contacting surface of the magnet is in direct contact with a corresponding clipper blade upon assembly of the comb upon a clipper blade.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4100/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : VIDEO PREDICTION ENCODING DEVICE VIDEO PREDICTION ENCODING METHOD VIDEO PREDICTION ENCODING PROGRAM VIDEO PREDICTION DECODING DEVICE VIDEO PREDICTION DECODING METHOD AND VIDEO PREDICTION DECODING PROGRAM

(51) International classification	:H04N7/32
(31) Priority Document No	:2011243490
(32) Priority Date	:07/11/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/074575
Filing Date	:25/09/2012
(87) International Publication No	:WO 2013/069384
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)BOON Choong Seng

(57) Abstract :

A prediction signal generator (103) within a video prediction encoding device comprises: a means (122) for estimating a No. 0 motion vector for obtaining a No. 0 prediction signal selecting a No. 0 prediction motion vector similar to the No. 0 motion vector and generating No. 0 additional information which comprises a No. 0 prediction motion information index for identifying the prediction motion vector and a difference motion vector that is determined by the No. 0 motion vector and the No. 0 prediction motion vector; a means (121) for selecting a motion vector for generating a No. 1 prediction signal that is highly correlated with an area to be encoded generating No. 1 additional information comprising a No. 1 prediction motion information index for identifying the motion vector as a No. 1 prediction motion vector and setting the No. 1 prediction motion vector as a No. 1 motion vector; and a means (123) for combining the No. 0 and No. 1 prediction signals to generate a prediction signal for the area to be encoded.

No. of Pages : 110 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.86/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A Flexible Screw to bond the structures •

(51) International classification

:A45D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SHREYAS.H.S

(57) Abstract :

The present invention relates to an screw to bond the structures, the screw including a hollow body having an open top end, a closed bottom end and an intermediate hollow elongated body positioned in-between the top end and the bottom end, wherein the top and bottom end both are covered with stretchy region and the intermediate elongated body is made up of burly solid steel, wherein the top end of the screw is for receiving pressure by a pressure gun via a stick which triggers the stretchy region of the top end and the bottom end to inflate such that the stretchy region of the screw act as a knob and fasten the structures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2664/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A LOAD-CARRYING VEHICLE PART

(51) International classification	:b62D	(71)Name of Applicant :
(31) Priority Document No	:20 2013	1)HUBNER GMBH & CO. KG
(32) Priority Date	008 360.3	Address of Applicant :HEINRICH-HERTZ-STRASSE 2,
(33) Name of priority country	:20/09/2013	34123 KASSEL Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)BUSCH THOMAS
(87) International Publication No	: NA	2)WIEGREFE ANDREAS
(61) Patent of Addition to Application Number	:NA	3)OSSENDORFF HARALD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The object of the invention is a load-carrying vehicle part of a vehicle for passenger transportation, the vehicle part being made of a bamboo-based material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2665/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLOOR OF A PERSONNEL-LIFTING DEV

(51) International classification	:B66F11/00	(71) Name of Applicant :
(31) Priority Document No	:20 2013	1)HUBNER GMBH & CO. KG
(32) Priority Date	008 358.1	Address of Applicant :HEINRICH-HERTZ-STRASSE 2,
(33) Name of priority country	:20/09/2013	34123 KASSEL Germany
(86) International Application No	:Germany	(72) Name of Inventor :
Filing Date	:NA	1)OSSENDORFF HARALD
(87) International Publication No	: NA	2)BUSCH THOMAS
(61) Patent of Addition to Application Number	:NA	3)WIEGREFE ANDREAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: The object of the invention is a floor of a personnel-lifting device, the floor being made of a bamboo-based material.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4017/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOTIVE POWER DEVICE

(51) International classification :F16H48/06,B60K1/02,B60K6/08
(31) Priority Document No :2011241371
(32) Priority Date :02/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077884
Filing Date :29/10/2012
(87) International Publication No :WO 2013/065636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
(72)Name of Inventor :
1)HONDA Kenji

(57) Abstract :

Provided is a motive power device that can limit loss and is designed for reduction of device size and improved mountability. In the motive power device (T) the rotation rates of the third first sun gears (S3 S1) and the carrier member (111) are collinear with each other and in a nomograph representing the relationships of said rotation rates the third first sun gears and the carrier member line up in said order. The third sun gear (S3) and the carrier member (111) are respectively connected to a first and second torque generating devices (113 114) that are capable of generating positive torque and negative torque and the second and the first sun gears (S2 S1) are respectively connected to one and the other of two rotation shafts.

No. of Pages : 129 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4120/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STATIC IMAGE POWER MANAGEMENT

(51) International classification :G06F1/32
(31) Priority Document No :13/326065
(32) Priority Date :14/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065062
Filing Date :14/11/2012
(87) International Publication No :WO 2013/089960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)POURBIGHARAZ Fariborz
2)MIZUYABU Carl Kazumi
3)RABII Khosro M.
4)WONG John Chi Kit
5)CIAMBELLA Gary Arthur
6)TENG Chia Yuan
7)KAZI Tauseef

(57) Abstract :

This disclosure describes techniques for reducing power consumption of a display device. According to these techniques a display device is configured to determine whether an image to be displayed by the display device has become static. In response to identifying such a static image the display device may operate in a static image mode. According to the static image mode the display device may read a current frame of image data modify the current frame of image data to generate a modified frame of image data with a reduced size and store the modified image data in memory. The display device may read the modified image data from memory to present the static image which may reduce power consumption of the display device.

No. of Pages : 40 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4121/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SELECTIVE MIRRORING OF MEDIA OUTPUT

(51) International classification	:G06F3/14
(31) Priority Document No	:13/323399
(32) Priority Date	:12/12/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/064830
Filing Date	:13/11/2012
(87) International Publication No	:WO 2013/089954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)RABII Khosro M.

(57) Abstract :

According to some aspects this disclosure describes techniques for mirroring native media output of a source device via a different destination device. The source device may control the destination device to the media via an output interface associated with the destination device. The source device may receive a media element of the native media and in response determine whether to output (mirror) the native media including the media element based on at least one parameter associated with the media element. According to other aspects this disclosure describes techniques for preventing at least one media element from being mirrored via a destination device operating to mirror other native media. As one example the source device may change how the source device encodes at least one region associated with the media element in order to freeze media output associated with the at least one region.

No. of Pages : 70 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SEALING ARRANGEMENT FOR A MOTOR

(51) International classification	:H02K 5/124	(71)Name of Applicant : 1)Bosch Limited Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, INDIA
(31) Priority Document No	:NA	2)Robert Bosch GmbH
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)HANUMANTHARAO Narayan Cheyur
(86) International Application No	:NA	2)HALEGOWDA Swaroop
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a sealing arrangement for a motor. The sealing arrangement comprises two rings (10) slidably mounted on a stator frame (12) of the motor. An O-ring (14) is integrated with each of the ring (10) such that the O-ring (14) seals the gaps between the stator frame (12) and drive end shield (18) and between stator frame (12) and commutator end cover (20). There are pluralities of snap lock members (16) on each of the rings (10). These snap lock members (16) are oriented in opposite direction and are adapted to interlock with the drive end shield (18) and the commutator end cover (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.105/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CALCULATING LATENCY IN A DATA FLOW

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INMOBI PTE LTD
(32) Priority Date	:NA	Address of Applicant :65 Chulia Street, #25 01/02/03, OCBC
(33) Name of priority country	:NA	Center Singapore Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PALL, INDERBIR SINGH
(87) International Publication No	: NA	2)AGARWAL, SHARAD
(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 for calculating latency in a distributed data flow environment. The system includes a plurality of hop servers and a central registry server. The plurality of hops servers is configured to receive a plurality of data packets across a time window, bucket each of the data packets of the plurality of data packets received across the time window into one or more buckets and transmit count of the plurality of the data packets in the one or more buckets and a window identifier associated with the time window to the central registry server. Each of the data packet of the plurality of data packets includes a header. The central registry server is configured to receive a plurality of counts and a plurality of window identifiers, to receive a latency query and to calculate latency.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1573/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUBSTITUTED HETERO-BICYCLIC COMPOUNDS, COMPOSITIONS AND MEDICINAL APPLICATIONS THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADVINUS THERAPEUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :21 & 22, PEENYA INDUSTRIAL
(33) Name of priority country	:NA	AREA, PHASE II, BANGALORE 560 058 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THAKKAR, MAHESH
(87) International Publication No	: NA	2)KOUL, SUMMON
(61) Patent of Addition to Application Number	:NA	3)BHUNIYA, DEBNATH
Filing Date	:NA	4)MOOKHTIAR, KASIM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides hetero-bicyclic compounds of formula (I), their tautomers, polymorphs, stereoisomers, prodrugs, solvates, hydrates, N-oxides, co-crystals, pharmaceutically acceptable salts, pharmaceutical compositions containing them and methods of treating conditions and diseases that are mediated by BrutonTMs tyrosine kinase (Btk) activity, The disclosure also relates to the process of preparation of compounds of Formula (I).These compounds are useful in the treatment, prevention, prophylaxis, management, or adjunct treatment of all medical conditions related to inhibition of BrutonTMs tyrosine kinase (Btk), such as inflammatory and/or autoimmune disorder, cell proliferation, rheumatoid arthritis, psoriasis, psoriatic arthritis, transplant rejection, graft-versus-host disease, multiple sclerosis, inflammatory bowel disease, allergic diseases, asthma, type 1 diabetes, myasthenia gravis, hematopoietic dysfunction, B-cell malignancies, systemic lupus, erythematosis or other disorders.

No. of Pages : 191 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 10/07/2015

(54) Title of the invention : LUBRICATING OIL COMPOSITION

(51) International classification :C10M169/04

(31) Priority Document No :2006-265785

(32) Priority Date :28/09/2006

(33) Name of priority country :Japan

(86) International Application No :PCT/JP07/68779

Filing Date :27/09/2007

(87) International Publication No :WO

2008/038701

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)IDEMITSU KOSAN CO., LTD

Address of Applicant :1-1, MARUNOUCHI 3-CHOME,
CHIYODA-KU, TOKYO Japan

(72)Name of Inventor :

1)OKADA, TAHEI

(57) Abstract :

The lubricating oil composition contains a base oil; (A) an acidic alkyl phosphate ester having a C6 to C20 alkyl group; (B) a dialkylamine and/or a trialkylamine; and (C) (c-1) a sulfur compound in an amount of 0.2 to 0.6 mass% as reduced to S, the sulfur compound containing no poly-sulfur bond which is equal to or longer than -S-S-S- in a molecule thereof and having an S content of the molecule of 15 mass% or more and (c-2) an optional thiophosphoric acid trihydrocarbyl ester in an amount of 0.1 to 1.0 mass%, the ester being represented by formula (I): (R-0-)3P=S (I) (wherein R represents a C6 to C20 hydrocarbyl group) and having a P content of the composition of 150 to 500 ppm by mass The lubricating oil composition has excellent anti-seizure performance, excellent anti-fatigue performance (e.g., anti-FZG-micropitting performance), and reduced sludge formation in an oxidation test.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR EFFICIENT STEREO MATCHING

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Innovation Centre, Manipal University
(32) Priority Date	:NA	Address of Applicant :MIT, Manipal 576104, Karnataka,
(33) Name of priority country	:NA	India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Raghavendra U
(87) International Publication No	: NA	2)Krishnamoorthi Makkithaya
(61) Patent of Addition to Application Number	:NA	3)Karunakar Annappa Kotegar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an aspect of the present invention, a 3D information is extracted from stereo image comprising a left and a right image. Two invariant images and two modified census indexed images are extracted from the left and the right image. Two correlation values are generated by correlating the two invariant images and two modified index images. A global energy model is determined from the two correlation values thereby taking advantages of both invariant image and census images. The global energy model is then used to extract the 3D information for navigation and other purposes.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF MANAGING REFERENCE PICTURE LIST FOR A MULTI VIEW VIDEO SIGNAL

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Palanivel Guruvareddiar
(32) Priority Date	:NA	Address of Applicant :108/49, Kambar street, Avarampatti,
(33) Name of priority country	:NA	Rajapalayam 626117 Tamilnadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Palanivel Guruvareddiar
(87) International Publication No	: NA	2)Dr.Biju.K.Joseph
(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 managing reference picture list of a multi-view coded video signal. The method includes capturing multi-view picture components for constructing a video signal, checking an encoding scheme for the video signal, obtaining temporal identifier, picture order count (POC) and long term picture number of a current view of the video signal, obtaining temporal identifier, POC and long term picture number of a reference view component of the video signal and adding reference view component to the reference picture list based upon pre-determined parameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.68/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR DATA PROCESSING, STORAGE AND RETRIEVAL USING DATA FOLDING TECHNIQUE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FORMCEPT Technologies and Solutions Private Limited
(32) Priority Date	:NA	Address of Applicant :E-003 Adarsh Rhythm, 71 Panduranga
(33) Name of priority country	:NA	Nagar, Bangalore - 560076 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumar Anuj
(87) International Publication No	: NA	2)Srinivasan Suresh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for pre-processing the data and storing the pre-processed data based on its type at the time of storage. During the pre-processing time, the system extracts all the relevant information such as entities, events/time stamped data, domain specific associations from the received content and stores them separately in a different data store. The system also generates different views based on the correlation between the identified entities, events and domain specific associations using data folding techniques. The system also stores the created views in a separate data store such as a view store, wherein the view store is optimized to serve end user queries by traversing through the stored views.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.103/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ZEOLITES - MG BASED NOVEL HYDROGEN STORAGE NANOMATERIALS

(51) International classification	:C02F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P. O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MS. SANGEETHA V
(87) International Publication No	: NA	2)MS. REMYA T S
(61) Patent of Addition to Application Number	:NA	3)DR. S. RAMAPRABHU
Filing Date	:NA	4)MS. S BARATHY
(62) Divisional to Application Number	:NA	5)MR. PARIVESH CHUGH
Filing Date	:NA	

(57) Abstract :

1) A process for the manufacture of nanocomposites for removal of dyes from waste-waters of industrial effluents comprising the steps of preparing nano-composites from at least one substance of the following group of nanometals and nanometal oxides, namely, An, Ag, Fe, Co, Ni, Pt, Pd, Ru, ZnO, TiO₂, Fe₂O₃, Fe₂O₄, dispersed on a support material consisting of two or three different dimensional nanomaterials selected from at least one of the following, namely, carbon nanotubes, thermally exfoliated graphite, chemically exfoliated graphite oxide, graphene sheets, graphene, functionalized carbon nanotubes / graphene; passing the waste waters through at least one nanofiltration membrane which is made of a biocompatible material such as chitosan, polypyrrole; passing the waste water thereafter over the nanocomposites to enable the nanocomposites to adsorb the dyes in the said waste waters, the nanocomposites being then treated with an inorganic acid for re-using the said nanocomposites.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4049/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : WORKING SET SWAPPING USING A SEQUENTIALLY ORDERED SWAP FILE

(51) International classification :G06F12/00,G06F3/06
(31) Priority Document No :13/326182
(32) Priority Date :14/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/069602
Filing Date :14/12/2012
(87) International Publication No :WO 2013/090646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.

(72)Name of Inventor :
1)IYIGUN Mehmet
2)BAK Yevgeniy
3)WANG Landy
4)KISHAN Arun U.

(57) Abstract :

Techniques described enable efficient swapping of memory pages to and from a working set of pages for a process through the use of large writes and reads of pages to and from sequentially ordered locations in secondary storage. When writing pages from a working set of a process into secondary storage the pages may be written into reserved contiguous locations in a dedicated swap file according to a virtual address order or other order. Such writing into sequentially ordered locations enables reading in of clusters of pages in large sequential blocks of memory providing for more efficient read operations to return pages to physical memory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.66/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE, SYATEM AND METHODS FOR PROPERTY MANAGEMENT SERVICES USING LOCATION INFORMATION AND ARTIFICIAL INTELLIGENCE

(51) International classification	:H04N1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SARANGAPANI SANTHOSH KUMAR
(32) Priority Date	:NA	Address of Applicant :# 89, ASTHAGRAMA LAYOUT, 2ND
(33) Name of priority country	:NA	STAGE, MAGADI MAIN ROAD, BASAVESHWARANGAR,
(86) International Application No	:NA	BANGALORE - 560 079 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARANGAPANI SANTHOSH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a method for managing property related services using an image/video capture and location determination device equipped with a processor. The method includes receiving an electromagnetic signal transmitted from a remote station, determining a location of the device based on the received electromagnetic signal, establishing communication over a network between the device and a remote server, transmitting a request to the remote server for property management related information pertaining to the determined location; receiving the property management related information, determining which service needs to be accomplished based on received information and the location information; accomplish the property management services; verify the quality of service using artificial intelligence algorithm and later transmit the photos/videos of the location(property) and/or also of the service to the server and/or requestor. The photos/videos would contain location information which would serve as results/confirmation of the service.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

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

(51) International classification	:A01G 25/00,	(71)Name of Applicant : 1)KOLAR, CHANNABASSAPPA
(31) Priority Document No	:NA	Address of Applicant :Sobha Primrose, Apartment No. 2077,
(32) Priority Date	:NA	Bellandur, Bangalore Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KOLAR, CHANNABASSAPPA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system for monitoring and controlling supply of water for irrigation and fertigation in a farm. The system includes a plurality of water sources, a plurality of water filters, a plurality of valves connected with the plurality of water sources to supply water and a plurality of fertigation sources to supply fertilizer to a plurality of areas of the farm, a plurality of a set of sensors to collect a plurality of attributes pertaining to soil and crop of the farm, a main controller connected with the plurality of valves and configured to control at least one valve based on duration of irrigation, volume of water or corresponding to the plurality of attributes of soil and crop and a communication between a mobile device with the main controller. Each of the sensors collects the plurality of attributes of the plurality of areas of the farm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOLID ORAL COMPOSITIONS OF CINACALCET

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMTED, HETERO
(33) Name of priority country	:NA	CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH
(86) International Application No	:NA	NAGAR, HYDERABAD - 500 082 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARTHASARADHI REDDY, BANDI
(61) Patent of Addition to Application Number	:NA	2)KHADGAPATHI, PODILI
Filing Date	:NA	3)KAMALAKAR REDDY, GOLI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising cinacalcet and one or more pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4117/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF ESTIMATING THE STABILITY OF AN ELECTRICAL SYSTEM

(51) International classification :G06Q10/04

(31) Priority Document No :1161087

(32) Priority Date :02/12/2011

(33) Name of priority country :France

(86) International Application No :PCT/EP2012/074161

Filing Date :30/11/2012

(87) International Publication No :WO 2013/079700

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :35 rue Joseph Monier F 92500 Rueil
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**2)ASSOCIATION POUR LA RECHERCHE ET LE
DEVELOPPEMENT DE METHODES ET PROCESSUS
INDUSTRIELS**

(72)Name of Inventor :

1)MAIZI Nadia

2)DROUINEAU Mathilde

3)MAZAURIC Vincent

4)BOUCKAERT Stphanie

(57) Abstract :

Method of managing an electrical system comprising electricity production units (1) electricity consumption units (2) and an electricity distribution network (3) linking the electricity production units (1) to the electricity consumption units (2) characterized in that it comprises a step of estimating at least one stability parameter of the electrical system based on the reserves of magnetic energy and/or kinetic energy that it accumulates.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4118/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD OF PROCESSING A DIGITAL SIGNAL FOR TRANSMISSION A METHOD OF PROCESSING AN OPTICAL DATA UNIT UPON RECEPTION AND A NETWORK ELEMENT FOR A TELECOMMUNICATIONS NETWORK

(51) International classification :H04J3/16,H04W88/08,H04W92/00
(31) Priority Document No :11290558.3
(32) Priority Date :05/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/004605
Filing Date :05/11/2012
(87) International Publication No :WO 2013/083222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)CAMEIRAO Pedro
2)JAMOND Jean François
3)LOMETTI Alberto
4)KEUER Laurent

(57) Abstract :

A method of processing a digital signal for transmission is provided comprising digital data frames by compressing the digital data frames; and generating an optical data unit for transmission comprising multiple of the compressed digital data frames. The optical data unit is configured for transport by an Optical Transport Network OTN.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4119/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING ATORVASTATIN AND GLIMEPIRIDE

(51) International classification :A61K9/14,A61K9/20,A61K9/24
(31) Priority Document No :3920/CHE/2011
(32) Priority Date :15/11/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/002860
Filing Date :14/11/2012
(87) International Publication No:WO 2013/072770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR. REDDYS LABORATORIES LTD.
Address of Applicant :8 2 337 Road No. 3 Banjara Hills
Hyderabad Andhra Pradesh 500034 India
(72)**Name of Inventor :**
1)KOLLURI Maheshwar
2)DUBEY Rajesh
3)RAGHUVANSHI Rajeev Singh

(57) Abstract :

Aspects of the present application relate to pharmaceutical formulations comprising atorvastatin or pharmaceutically acceptable salts thereof and glimepiride as active agents wherein both atorvastatin or pharmaceutically acceptable salts thereof and glimepiride are in immediate release form.

No. of Pages : 58 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.16/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR VIDEO WATERMARKING

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology, An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant :B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sathisha B
(61) Patent of Addition to Application Number	:NA	2)Bonny Pradhan
Filing Date	:NA	3)Surabhi Suman
(62) Divisional to Application Number	:NA	4)Thanuja S. Kumar
Filing Date	:NA	

(57) Abstract :

To avoid drawbacks like addition of payload, to increase robustness against re-encoding and some common watermarking attacks and to provide a more efficient H.264 compression domain watermarking, a new watermarking scheme is introduced. A new watermark embedding and extraction method is introduced where one ac co-efficient of one macroblock is modified to embed a single watermark bit. The watermark is a readable watermark in the quantized ac coefficients of I frames wherein the original video is necessary to calculate the parameter of visual model enhancing the security of the watermark considerably. It is shown that video quality degradation is comparatively less and better than previously available.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4090/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ENHANCING TRANSMISSION OF DOWNLINK ACK/NACK SIGNAL

(51) International classification	:H04W72/04,H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:201110353357.4	1)ALCATEL LUCENT
(32) Priority Date	:09/11/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:China	France
(86) International Application No	:PCT/IB2012/002424	(72)Name of Inventor :
Filing Date	:31/10/2012	1)LIU Zheng C
(87) International Publication No	:WO 2013/068833	2)Jiang Qi A
(61) Patent of Addition to Application	:NA	3)LIU Jianguo A
Number	:NA	4)SHEN Gang A
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and apparatus for enhancing transmission of a downlink ACK/NACK signal in an LTE communication system. In order to attain the object of enhancing transmission of a downlink ACK/NACK signal the invention proposes an enhanced design of the current PHICH and thus makes an enhanced PHICH (E PHICH). The enhanced design is focused primarily upon the following aspects: the first aspect is to configure an E PHICH in the legacy PDSCH and to transmit an ACK/NACK signal in the E PHICH so that a UE demodulates the E PHICH to obtain the ACK/NACK signal. The second aspect is to improve a PHICH and PUSCH association design by designing an implicit association between an E PHICH index and a radio frequency resource occupied by a UL grant (in a legacy PDCCH or an E PDCCH) and an explicit association between a PUSCH scheduled by a UL grant and an E PDCCH respectively and to transmit an ACK/NACK signal in the E PHICH so that a UE demodulates the E PHICH to obtain the ACK/NACK signal. With the invention transmission of a downlink ACK/NACK signal in an LTE communication system can be enhanced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4091/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR RECOVERING DIVINYLAARENE DIOXIDES

(51) International classification	:C07D301/32,C07D303/02	(71)Name of Applicant :
(31) Priority Document No	:61/567827	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:07/12/2011	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/066572	(72)Name of Inventor :
Filing Date	:27/11/2012	1)GU Leming
(87) International Publication No	:WO 2013/085743	2)FAN William W.
(61) Patent of Addition to Application	:NA	3)HOOK Bruce D.
Number	:NA	4)JEAN David
Filing Date	:NA	5)JEWELL Dennis W.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for recovering a divinylarene dioxide from a crude feed stream comprising the steps of: (a) providing an effluent reaction stream containing at least one divinylarene dioxide product and other compounds; and (b) separating/recovering the divinylarene dioxide product from the other compounds of the reaction effluent from step (a); wherein the percent recovery of the divinylarene dioxide product recovered comprises greater than about 85 percent; and wherein the percent purity of the divinylarene dioxide product recovered comprises greater than about 85 percent.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4003/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GLYOXIME DERIVATIVE AND PESTICIDE

(51) International classification :A01N37/34,A01P7/02,A01P7/04
(31) Priority Document No :2011261804
(32) Priority Date :30/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007400
Filing Date :19/11/2012
(87) International Publication No :WO 2013/080479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KUMIAI CHEMICAL INDUSTRY CO. LTD.
Address of Applicant :4 26 Ikenohata 1 chome Taito ku Tokyo
1100008 Japan
2)IHARA CHEMICAL INDUSTRY CO. LTD.
(72)Name of Inventor :
1)FUKUMOTO Shunichirou
2)SHIKAMA Daisuke
3)NAGATA Toshihiro
4)KATO Katsuya
5)KAWAMOTO Kei
6)KOMATSU Masaaki
7)MATSUDA Takeshi
8)ITO Seisuke

(57) Abstract :

The present invention provides a glyoxime derivative displaying excellent pesticidal effect or a salt thereof and a pesticide containing the same as an active ingredient. [Solution] This pesticide is characterized in by containing as an active ingredient a glyoxime derivative expressed by the general formula [1I] (in which the formula X represents a cyano group or a carbamoyl group R represents a C C alkyl group a C C cycloalkyl C C alkyl group etc. and R represents a hydrogen atom a C C alkyl group a C C cycloalkyl C C alkyl group etc.) or an agriculturally acceptable salt thereof.

No. of Pages : 89 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENCRYPTION PROCESSING SYSTEM ENCRYPTION PROCESSING METHOD ENCRYPTION PROCESSING PROGRAM AND KEY GENERATOR

(51) International classification	:G09C1/00
(31) Priority Document No	:2011252244
(32) Priority Date	:18/11/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/079210
Filing Date	:12/11/2012
(87) International Publication No	:WO 2013/073488
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUBISHI ELECTRIC CORPORATION
Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
Tokyo 1008310 Japan
2)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
(72)**Name of Inventor :**
1)TAKASHIMA Katsuyuki
2)OKAMOTO Tatsuaki

(57) Abstract :

The purpose of the present invention is to reduce the size of the public parameter and master private key and to shorten the time required for generation processing and encryption processing of the private key given to the user. Using a sparse matrix having at least one value other than 0 in each row and each column a key generator (100) generates a basis B and a basis B that become the public parameter and the master private key. An encryption device (200) generates as the encrypted vector a vector which is in basis B and in which prescribed information is embedded and with a prescribed vector in basis B as a key vector a decryption device (300) performs pairing calculations on the encrypted vector and the key vector and decrypts the encrypted vector.

No. of Pages : 106 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4111/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : MILLIMETER WAVE POWER AMPLIFIER

(51) International classification :H03F1/08,H03F1/34,H03F1/48
(31) Priority Document No :13/327479
(32) Priority Date :15/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/069944
Filing Date :14/12/2012
(87) International Publication No :WO 2013/090847
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)LIN Saihua
2)DING Yongwang
3)LEE Cheol Woong

(57) Abstract :

A millimeter wave power amplifier is disclosed. In an exemplary embodiment a MM wave power amplifier (300) includes a plurality of amplifier stages (302 304 306 308) coupled together to receive a MM wave input signal and produce an amplified MM wave output signal and one or more feedback elements (310 312) coupled across the amplifier stages (302 304 306 308) each feedback element (310 312) coupled across an odd number of the amplifier stages (302 304 306 308) to increase an operating bandwidth of the power amplifier (300).

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5906/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : THE HYBIRD SEMI-LOG PROCESSOR MODULE (M8) OF RADIOALTIMETER

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISWANATHAN THYAGARAJAN
(61) Patent of Addition to Application Number	:NA	2)VADLAKONDA SADANANDAM
Filing Date	:NA	3)LANDA SRINIVAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Semi- Log processor module (M8) is used in Radio altimeter to generate Semi - Log analog voltage as per height equation referred in ARINC 552 standard. The module was realized in the form of Hybrid IC by redesigning the module using miniature SMD components by which the advantage of size reduction and reliability improvement is achieved on the airborne equipment.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.62/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : STABILISED CARBAPENEM COMPOSITIONS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HOSPIRA INC.
(32) Priority Date	:NA	Address of Applicant :275 North Field Drive, Lake Forest,
(33) Name of priority country	:NA	Illinois 60045, United States of America
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Alagumurugan Alagarsamy
(87) International Publication No	: NA	2)Sachinandan, Basak
(61) Patent of Addition to Application Number	:NA	3)Shanmuga Priya
Filing Date	:NA	4)Sudeep Agrawal
(62) Divisional to Application Number	:NA	5)Amari, Louis
Filing Date	:NA	

(57) Abstract :

The present application provides stable compositions and methods of producing them. The composition comprises a carbapenem, a buffer, and a stabilizer. The compositions according to the invention are used in the treatment of bacterial infections and therapy. The compositions are suitable to be administered parenterally, optionally intramuscularly, optionally intravenously

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : SPATIO OPTICAL AND TEMPORAL SPATIO OPTICAL DIRECTIONAL LIGHT MODULATORS

(51) International classification :G02B27/22,H04N13/04,G02B26/08
(31) Priority Document No :61/567520
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/068029
Filing Date :05/12/2012
(87) International Publication No :WO 2013/086046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OSTENDO TECHNOLOGIES INC.
Address of Applicant :6185 Paseo Del Norte Suite 200
Carlsbad California 92011 U.S.A.
(72)Name of Inventor :
1)EL GHOROURY Hussein S.
2)ALPASLAN Zahir Y.
3)CAI Jingbo
4)MAIERS Marty
5)WARNER Philip
6)McNEIL Dale A.

(57) Abstract :

Spatio optical directional light modulators and temporal spatio optical directional light modulators are introduced. These directional light modulators can be used to create 3D displays ultra high resolution 2D displays or 2D/3D switchable displays with extended viewing angle. The temporal spatio optical aspects of an embodiment of these novel light modulators allow them to modulate the intensity color and direction of the light they emit within a wide viewing angle. The inherently fast modulation and wide angular coverage capabilities of these directional light modulators increase the achievable viewing angle and directional resolution making the 3D images created by the display be more realistic or alternatively the 2D images created by the display having ultra high resolution. Alternate embodiments are disclosed.

No. of Pages : 58 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5908/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPLEMENTATION OF BLANKING PULSE GENERATION IN IFF MKX TRANSPONDER AS PER STANAG 4193 FOR INTERFACING IFF UNIT WITH JAMMER PODS

(51) International classification	:G01s	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM(D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)AJAY KUMAR PAL MARVI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Blanking pulse plays a vital role in managing the operation of various L-Band LRUs installed in an aircraft. If the blanking pulse generation is not proper, the blanking of LRU may not be proper, which shall cause the jammer PODs to receive the own aircraft signals (of IFF) and show on the Radar Warning Receiver (RWR) as unknown targets, which can mislead the pilot for some radar target. So the IFF MKX Transponder should provide proper blanking pulse having amplitude of 18 to 24V and pulse width as per specification for the reliable operation of various L-band LRUs.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5909/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : 5 CHANNEL ANALOG FILTER HYBRID MODULE OF I/O CARD OF AVIONICS EQUIPMENT FOR AIRBORNE APPLICATIONS

(51) International classification	:a63F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, AVIONICS
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)YEGIREDDI SREEDHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The BHEEM-EU is an avionic Line Replaceable Unit for Indegenous Fighter Aircraft consisting of on board microprocessor based data acquisition and processing system. It plays an important role in controlling the Wheel Brake Management system, Nose Wheel Steering system, Undercarriage system and Monitoring of the Engine, Electrical and Hydraulic Power supply distribution systems. To control or monitoring of above said I systems, BHEEM-EU is interfaced elecrically with the above said systems. BHEEM-EU is designed in a moduler manner for data acquisition and processing. One of These modules is .I/O Card for data acqusation. I/O card interface to above said systems through analog, discrete & frequency elecrical input signal format. The analog inputs signals contains noice along with the signals due to acquiring from various systems in a A/C.In addition that acqusation circuits are designed for protection from surge/ high voltage signal/ short circuit protection from unwanted conditions. For this purpose, Low Pass filters are used to suppress the Noise and protection circuit for elemianate unwanted conditions. In I/O card, analog inputs are 36 No.s and I/O card is a standard VA ATR size moduler design. To accomodate all 36 analog inputs acqusation cricuts along with other inputs acqusation circuits, its need to be custom designed filter circuit for analog input acqusation.For this purpose 5 channel Hybrid Filter is designed for lowpass filter & protection in I/O board of BHEEM-EU.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.109/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HYBRID POWER SUPPLY SYSTEM

(51) International classification	:G07B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDIA PVT. LIMITED
(32) Priority Date	:NA	Address of Applicant :44P, ELECTRONIE CITY, EAST
(33) Name of priority country	:NA	PHASE, HOSUR ROAD, BANGALORE 560 100 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASOKAN NAMBIAR
(61) Patent of Addition to Application Number	:NA	2)DENNIS J EMMATTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a hybrid power supply system (100), comprising a primary power supply unit (102), a secondary power supply unit (104) and a galvanic isolation block (106). The primary power supply unit (102) is provided with an array of light emitting diodes (LEDs) (114) being configured to emit monochromatic light energy of predefined waveband/frequency band. The secondary power supply unit (104) provided with solar panel block (122) optically coupled with said array of LEDs (114). The solar panel block (122) is configured to receive said monochromatic light energy emitted from array of LEDs (114) and provide predefined DC voltage as output upon converting the light energy into electrical energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2642/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : REAR BUMPER

(51) International classification

:B60R19/00

(31) Priority Document No

:2013-
118444

(32) Priority Date

:05/06/2013

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU CITY, SHIZUOKA, 432-8611 Japan

(72)Name of Inventor :

1)MIZOGUCHI HIROO

(57) Abstract :

A rear bumper that is provided is configured such that its appearance does not deteriorate due to muddy water and the like that has splashed up from the rear wheels of the vehicle even in the case where holes for the attachment of a member are formed in the rear bumper. A rear bumper 110 is a rear bumper for installation on the rear end of a vehicle 100 and has a body 112 that extends in the vehicle width direction, 10holes 124a to 124f that penetrate the body and receive inserted claw portions 126a to 126f of a separate part 120 for attachment to an outer face 110a of the body, and protruding portions 132a to 132c that protrude forward relative to the reverse face of the body in the periphery of the holes. The 15protruding portions each have an upper protruding part 134 that extends in the vehicle width direction and protrudes forward above the corresponding hole, and side protruding parts 136 and 138 that extend downward from respective ends of the upper protruding part and protrude forward on the sides of 20the corresponding hole.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2643/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : RADIATOR GRILLE STRUCTURE FOR VEHICLE

(51) International classification	:B60R19/00	(71)Name of Applicant :
(31) Priority Document No	:2013-119057	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:05/06/2013	Address of Applicant :300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU CITY, SHIZUOKA, 432-8611 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MIZOGUCHI HIROO
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 radiator grille structure for a vehicle is provided capable of preventing damage to headlamps, by preventing contact of a radiator grille with the headlamps during running or the like. A radiator grille structure 100 for a vehicle includes a radiator grille 104 that is installed on a front bumper 102 of a vehicle. The radiator grille includes a main body 106 that is made of resin and extends in a vehicle width direction, a first opening 110 that is formed at both ends of the main body, and exposes a headlamp lens face 118 secured to a vehicle body, with a first gap LI in a front-rear direction interposed between the first opening and the headlamp lens face, a second opening 112 that is formed at the center of the main body, and a coupling member 116 that is attached to the main body so as to link an edge 110a of the first opening to an edge 112a of the second opening, reinforcing the main body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.17/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR PROVIDING DATABASE-AS-A-SERVICE (DBAAS) ON PUBLIC CLOUD

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology, An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant :B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Nousheen Taj
(61) Patent of Addition to Application Number	:NA	2)Madhusudan D
Filing Date	:NA	3)Vasudeva
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to another aspect of the present disclosure, DBaaS may be effectively utilized achieving multi-tenancy, elastic scalability and access control. According to an aspect of the present disclosure, a large block of data may be retrieved from the client side, utilizing the Information retrieval algorithm. According to another aspect of the present disclosure, fit for purpose approach is demonstrated by providing an Education Solution that takes inputs from local educational institutions and utilizes the global best practices adopted by leading international universities.

No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2633/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L1/00
(31) Priority Document No	:2013-118937
(32) Priority Date	:05/06/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300, Takatsuka-cho, Minami-ku,
Hamamatsu-shi, Shizuoka-ken, Japan

(72)**Name of Inventor :**

1)Hiroshi OHSAWA

(57) Abstract :

In an internal combustion engine, shafts of respective first and second valve members are inclined with respect to the center axis of a cylinder bore. Each of first and second swing arms is arranged such that a cam contact member thereof is located closer to the center axis of the cylinder bore than first and second ends thereof are. The first and second swing arms are arranged such that the cam contact members are overlapped with each other when viewed from the axial direction of the camshaft. The crankshaft, camshaft, and cam contact members are arranged to be offset from the center axis of the cylinder bore in a thrust direction of the piston.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2634/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : EFFICIENT PARALLEL COMPUTATION OF DEPENDENCY PROBLEMS

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:13/907,922	1)ROCKETICK TECHNOLOGIES LTD
(32) Priority Date	:02/06/2013	Address of Applicant :11 TUVAL STREET, RAMAT GAN
(33) Name of priority country	:U.S.A.	5252228, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MIZRACIU, Shay
(87) International Publication No	: NA	2)TAL, Uri
(61) Patent of Addition to Application Number	:NA	3)BEN-DAVID, Tomer
Filing Date	:NA	4)GELLER, Ishay
(62) Divisional to Application Number	:NA	5)KASHER, Ido
Filing Date	:NA	6)GAL, Ronen

(57) Abstract :

A computing method includes accepting a definition of a computing task, which includes multiple Processing Elements (PEs) having execution dependencies. The computing task is compiled for concurrent execution on a multiprocessor device, by arranging the PEs in a series of two or more invocations of the multiprocessor device, including assigning the PEs to the invocations depending on the execution dependencies. The multiprocessor device is invoked to run software code that executes the series of the invocations, so as to produce a result of the computing task.

No. of Pages : 80 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2014

(21) Application No.4038/CHENP/2014 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : CIRCUIT BOARD MADE OF AIN WITH COPPER STRUCTURES

(51) International classification :H05K3/24,H05K3/40,H01L27/01

(31) Priority Document No :10 2011 117 538.9

(32) Priority Date :03/11/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/071547

Filing Date :31/10/2012

(87) International Publication No :WO 2013/064531

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CERAMTEC GMBH

Address of Applicant :CeramTec Platz 1 9 73207 Plochingen
Germany

(72)Name of Inventor :

1)DOHN Alexander

2)LENEIS Roland

3)HERRMANN Klaus

4)J.,HNIG Dietmar

(57) Abstract :

The invention relates to a process for producing a ceramic circuit board with electrical conductor traces and contacting points on at least one of the two sides and with at least one through hole contact (via). According to the invention the following successive process steps are performed: a) Production of a ceramic substrate made of aluminium nitride and drilling of holes at the intended locations for the vias b) Filling the holes with a first adhesive paste made of copper tungsten molybdenum or alloys thereof or mixtures thereof and c) Single pass overprinting with a second adhesive paste using a first screen printing operation on at least one side of the ceramic substrate with the desired layout of the conductor traces and contact points d) Optionally a full or partial repeat of overprinting with the second adhesive paste e) Stoving the printed ceramic substrate in an oven with N (nitrogen) wherein the oxygen content is kept controlled to 0 50 ppm O f) Overprinting using a second screen printing process with a low glass cover paste over the second adhesive paste until the desired thickness of the conductor traces and contact points is achieved g) Stoving the printed ceramic substrate in an oven with N (nitrogen) wherein the oxygen content is kept controlled to 0 50 ppm O.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.93/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A SPHERICAL SHAPE LENS BASED WATER HEATER

(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Shreyas.H.S
(32) Priority Date	:NA	Address of Applicant :S/o Shivaramaiah. M, #2126/b, 6th
(33) Name of priority country	:NA	cross, kuvempunagar, channapatna, Ramanagara District,
(86) International Application No	:NA	Karnataka, India Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Shreyas.H.S
(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 spherical shape convex lens water heater. In one embodiment the structure includes a plurality of pentagon-shaped optical element and hexagon-shaped optical element arranged such that the optical elements forms a spherical bowl shaped element, wherein at least two hexagon-shaped supports for supporting the at least one pentagon-shaped optical element and at least two hexagon-shaped optical elements, each of the hexagon-shaped supports is securely attached to one of the hexagon-shaped optical elements and one edge of the pentagon-shaped optical element, an inlet pipe positioned in the rear end of the spherical convex lens water heater, wherein the inlet pipe is to receive the normal water from tank; and an outlet pipe positioned in the front end of the spherical convex lens water heater, wherein the outlet pipe is to deliver the hot water, where the plurality of hexagonal optical elements and pentagonal optical elements are arranged such that to form a spherical structure, each surface of the structure is capable of converging the absorbed sun rays to a single point, a supportive stand to hold the spherical convex lens water heater.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5191/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR HIGH PRESSURE PLASMA DISCHARGE

(51) International classification	:E21B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBRAMANIAN Krupakar Murali
(32) Priority Date	:NA	Address of Applicant :330 SALEM MAIN RD. ANNAI
(33) Name of priority country	:NA	ILLAM KOMARAPALAYAM NAMAKKAL DIST. TN 638
(86) International Application No	:NA	183 Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBRAMANIAN Krupakar Murali
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for high pressure plasma discharge, wherein a system comprises at least one electrode which is fragmented into pieces and arranged to form a fragmented electrode system; at least one dielectric material placed between or parallel to the at least one electrode and another second electrode or fragmented pieces of the fragmented electrode systems, wherein the at least one electrode or fragmented pieces of the fragmented electrode system may have same or opposite charge; and at least one power supply unit; wherein the pieces of the electrode which is fragmented can be arranged parallel or divergent or convergent to one another and are at an angle to each other or the central axis passing through the electrode.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.82/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR CONDUCTING CONFERENCE CALL BY MINIMIZING SIGNALING IN A WIRELESS NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore Private Limited
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Asif Shaikh
(61) Patent of Addition to Application Number	:NA	2)Basant Kumar
Filing Date	:NA	3)Nitesh Pushpak Shah
(62) Divisional to Application Number	:NA	4)Yang Saring
Filing Date	:NA	

(57) Abstract :

A method and system for conducting a conference call by minimizing signaling in a 3GPP system based wireless network is disclosed. The method optimizes the signaling in the 3GPP based wireless network by effectively reducing signaling in mobile originated (MO) leg of the conference call during establishment, and termination of the conference call. The method also provides a user friendly conference call application on the initiator communication device for establishing the conference call. The reduced signaling reduces the conference call set up time and enhances user experience.

No. of Pages : 67 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.20/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENHANCEMENT OF STIGMASTEROL AND HECOGENIN CONTENT IN VITRO ROOT CULTURES OF CHLOROPHYTUM BORIVILIANUM THROUGH POLYPLOIDY

(51) International classification	:A01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAYATHRI BATHOJU
(32) Priority Date	:NA	Address of Applicant :H.no. 3-4-114/A, Sai Chitra Nagar
(33) Name of priority country	:NA	Ramanthapur, Hyderabad Andhra Pradesh, INDIA. Karnataka
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAYATHRI BATHOJU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to Chlorophytum borivilianum, popularly known as Safed Musli. Currently, the active nutrition enhancing ingredients such as Stigmasterol and Hecogenin are extracted from the tuber of the product which is available only during three months in a year. Furthermore, the quantum content of the active ingredients in the tuber does not facilitate stand alone extraction. Therefore, this invention provides for employing polyploidy in respect of the above plants whereby the active ingredient content in the plant material is substantially increased. Furthermore, this invention provides for a yearlong industrial process to extract the active ingredients in vitro root culture instead of the well developed tuber of the natural plants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2608/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEAD PART ASSEMBLY FOR A BICYCLE

(51) International classification	:B62K19/00	(71)Name of Applicant :
(31) Priority Document No	:103200091	1)NECO TECHNOLOGY INDUSTRY CO., LTD.
(32) Priority Date	:03/01/2014	Address of Applicant :No. 190, Zhongzheng Rd., Wufeng
(33) Name of priority country	:Taiwan	Dist., Taichung City 41361, Taiwan (R. O. C)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Yu-Hsin WANG
(87) 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 head parts assembly for a bicycle includes two bowls, a plurality of inserting members, two bead nests, and two end caps. The two bowls each are a circular structure and include a pipe-inserting hole, and a plurality of cable-inserting holes around the pipe-inserting hole. Each of the bowls further includes a receiving cavity in communication with the pipe-inserting holes, and the two bowls are disposed at two ends of the front frame pipe. The inserting members each are a hollow tubular structure with a cable hole for insertion of cables of the bicycle, and are screwed in the cable-inserting holes. The bead nests are rotatably disposed in the receiving cavities and abutted against the close ends, respectively. The two end caps are disposed in the open ends of the receiving cavities, and capable of rotating by abutting against the balls of the bead nests.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.45/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AUTOMATIC OFTEN MOBILE DIAL HOME SECURITY SYSTEM

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DILIP KUMAR H.M
(32) Priority Date	:NA	Address of Applicant :S/O, MANJANNA H.S, MANDYA
(33) Name of priority country	:NA	(DIST), KARNATAKA STATE - 571 450 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DILIP KUMAR H.M
(87) 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 automatic often mobile dial home security system is a model involving electronics and mechanical engineering which dial the mobile as early set contact number often. This is a prototype model which can be used to security purposes at home, offices, bank, etc. also the use of this system will make security system effectively and cheaper, in a critical situation when thieves try to break door it automatically identify and dialing of mobile will be done through this model. Simplification and developing an electrical system that monitors the home is possible, this system is part of new subject and includes some of the concept of mechatronics. Automatic often mobile dial home security system has a push and release to turn on switch is located at door, battery connection is goes through across push and release to turn on and dc motor controlled switch, the switch has a feature of get turn on when closed door is opened and it set dc motor controlled switch to on. Hence astable delay timer I starts its cycle which has duty cycle of less than 50%,such that on time is less than off time, block diagram of the system showing interconnection of different components. The Astable delay timer 1 is turned on when the closed home door is opened and its duty cycle starts. Delay timer 2 on and off position is controlled by timer1 by regulating relay! ,it also acts as a regulator here delay timer 2 control the on and off position of DC motor through relay2. Astable delay timer1 has 10sec low time, 80sec high time. During the output of astable delay timer1 high and low time it regulates the relay 1 to turn on and off, as well as astable delay timer 2.which has a duty cycle less than 50% and 2 sec high time, 4 sec low time. During astable delay timer 1 low time of 10sec, the timer 2 completes its 1.5 duty cycle that is on-off-on and hence it also regulated the motor too, after completes low time ,delay timer 1 switch off the relay1 and hence also switch off the delay timer 2,the DC motor output shaft connected to the one end of rotary to reciprocating motion convert mechanism and at the other end screw is placed, which helps to presses the mobile dial button and make call to an early set contact number often.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5966/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : HIGH EFFICIENCY PORTABLE WOOD BURNING STOVE

(51) International classification	:F24B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Santhosh C.J
(32) Priority Date	:NA	Address of Applicant :Chirayath House, Thalayolaparambu
(33) Name of priority country	:NA	Kottayam - 686605 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Santhosh C.J
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to high efficiency portable wood burning stove. In one embodiment the stove comprises a body having a top and bottom end get supported by at least one side wall, wherein a top end having a hollow space in circular form and the bottom end in closed position, a front side wall having a quadrangle shape window to receive log of wood, a first air chamber soldered to the quadrangle shape window of the front side wall, wherein the first air chamber is to deliver air to combustion chamber through air duct in the first air chamber, a second air chamber soldered to first air chamber and to the front side wall, wherein the second air chamber is to deliver air to the first air chamber through pipeline soldered in-between first and second air chamber and an air duct positioned at the one end of second air chamber, wherein the air duct of second air chamber is to receive air from the rotatable chamber through air duct of rotatable chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.57/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS OF LABELLING CELLS AND A METHOD OF TRACKING THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CENTRE FOR STEM CELL RESEARCH

Address of Applicant :A Unit of inStem Bangalore, Christian
Medical College, Bagayam, Vellore 632002, Tamil Nadu India

(72)Name of Inventor :

1)SANJAY KUMAR

2)VIKRAM SABAPATHY

(57) Abstract :

The present disclosure relates to a process of labeling stem cells for in-vivo tracking of the cells during cell transplantation and various other medical applications. The process involves the usage of a fluorescent dye for labeling the stem cells and their viewing in-vivo for various medical applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.94/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : PARACHUTE

(51) International classification

:B64D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHUEH-CHIH LIAO

Address of Applicant :NO. 2, LANE - 25, SONGZHU 2ND
ROAD, BEITUN DISTRICT, TAICHUNG CITY, 40644,
TAIWAN, R.O.C

(72)Name of Inventor :

1)SHUEH-CHIH LIAO

(57) Abstract :

A parachute can be opened automatically without requiring manual operation. In addition, the parachute is capable of staying balanced during the course of landing. The parachute comprises: a spherical canopy, an air guide member and four assistant canopies. The air guide member is a rotation symmetrical structure with respect to the central axis, each of the cylindrical members is also a rotation symmetrical structure with respect to the assistant central axis, and the assistant canopies are also symmetrically arranged with respect to the central axis, so as to maintain the parachute in a stable and balanced state when the parachute is falling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2666/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THERMOPLASTIC ELASTOMER COMPOSITION AND ITS APPLICATION

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:EP 13 002 911.9	1)CARL FREUDENBERG KG
(32) Priority Date	:05/06/2013	Address of Applicant :of Hoehnerweg 2-4, 69469 Weinheim, Germany
(33) Name of priority country	:EPO	2)Unimatec Chemicals Europe GmbH & Co. KG
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ISSEL, Hans-Martin
(87) International Publication No	: NA	2)NARAKI, Akihiro
(61) Patent of Addition to Application Number	:NA	3)KLINGSHIRN, Christoph L.
Filing Date	:NA	4)BIERINGER, Ruth
(62) Divisional to Application Number	:NA	5)ECKNIG, Dirk
Filing Date	:NA	

(57) Abstract :

A thermoplastic elastomer composition should be made available, which distinguishes itself through an especially good temperature resistance from -40oC to +150oC and an especially good resistance to oil, coupled with excellent physical properties, in particular with a high level of elongation at break, and which makes itself suitable for application in moulded components, injection-moulded components, extruded parts and/or components made of blow-moulding. Towards this objective, the invention-based thermoplastic elastomer composition encompasses a mixture made of acrylate rubber and polyurethane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.414/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL CHITIN/DEMINERALISED DEHYDRATED CHITINACEOUS/CRUSTACEAN EXOSKELETON-BASED FORMULATION CONTAINING MICROBES THAT GENERATE CHITINASE/PROTEASE ENZYMES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(32) Priority Date	:NA	Address of Applicant :PELICAN BIOTECH & CHEMICAL
(33) Name of priority country	:NA	LABS, 601 A, VAYALAR P.O., CHERTHALA, ALAPUZHA -
(86) International Application No	:NA	688 536 Kerala India
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(87) International Publication No	: NA	3)DR. THOMAS JACOB
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(62) Divisional to Application Number	:NA	2)DR. PRIYA RAGHAVENDRA RAO
Filing Date	:NA	3)DR. THOMAS JACOB

(57) Abstract :

The invention is a new product where the chitin or demineralised dehydrated chitinaceous / crustacean exoskeleton acts as a substrate for the microbes and also induces the production of chitinase / protease enzymes. The enzymes will act on the chitinaceous exoskeleton of pathogenic insects and fungus providing pesticidal activity. This invention also brings out a novel product which comprises of chitin or demineralised dehydrated chitinaceous / crustacean exoskeleton with chitinase / protease enzymes along with microbes that produce chitinase/protease enzymes.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1919/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 10/07/2015

(54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF A BONE FRACTURE AND METHODS THEREOF

(51) International classification	:A61K36/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M POTTUKANNU
(32) Priority Date	:NA	Address of Applicant :VANDIPALYAM PO-
(33) Name of priority country	:NA	NADUKUPPAM VIA. BRAMMADESAM TALUKA:
(86) International Application No	:NA	DINDIVANAM DIST: VILLUPURAM TAMIL NADU INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)M POTTUKANNU
(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 in a preferred embodiment provides for herbal compositions for treatment or prevention of bone fractures. The present invention also provides for the methods of preparation and various forms of administration of the said compositions. The said compositions comprise of at least a part of Blepharis maderaspatensis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.92/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN APPARATUS FOR CUTTING THE WALL

(51) International classification	:B23D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHREYAS.H.S
(32) Priority Date	:NA	Address of Applicant :S/o Shivaramaiah. M, #2126/b, 6th
(33) Name of priority country	:NA	cross, kuvempunagar, channapatna, Ramanagara District,
(86) International Application No	:NA	Karnataka, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHREYAS.H.S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus for cutting a wall. In one embodiment this is accomplished by the wall cutter comprises a plurality of saw blade coupled to extended shaft in the solitary axis with equidistance apart, wherein the plurality of saw blade enclosed in a closed container, a handle positioned at the centre of the closed container which provides support to the user and a power transmission unit to transmit power to the extended shaft with plurality of saw blade.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1459/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD OF FLOTATION FOR IMPROVING CLEAN COAL YIELD BY A COLUMN FLOTATION WITH AN EXTERNAL SPARGER

(51) International classification	:B03D1/14, B03D1/02	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- 831001,INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRASAD KOPPARTHI
(87) International Publication No	: NA	2)PRADIP KUMAR BANERJEE
(61) Patent of Addition to Application Number	:NA	3)MRITYUNJAY KUMAR SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of flotation for improving clean coal yield by a column flotation with an external sparger. A sample of raw coal of size less than 0.5mm is wet with water and the coal slurry is fed to a conditioning tank (3) where flotation reagents are added. The slurry is conditioned with collector and they frother is added to it to generate fine bubbles. This slurry is fed to flotation column (1) in a measured and controlled manner. Fine air bubbles are generated in external burger (2) when compressor (10) supplies air. For bubble generation the tailings are recirculated by slurry pump (4) to the sparger (2). Frother washing system is arranged at the top of flotation column for cleaning ash particles. The washed froth is collected in the froth tank (6). Feed enters the flotation column above the middle of the column. Fine air bubbles generated by sparger (2) enters the flotation column (1) from the bottom of the column. Due to buoyancy air bubbles rises to top of the column whilst coal slurry drops to bottom of the column due to gravity. The counter current contact between air bubbles and coal particles, clean coal particles are collected air bubbles due to hydrophobicity and drops in the tank (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.146/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 10/07/2015

(54) Title of the invention : HORIZONTAL MOULDING VERTICAL CASTING PROCESS WITHOUT MOULD BOX USING A DEVICE CALLED JIG

(51) International classification	:B28B15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KUPPUSAMY RANGANATHAN

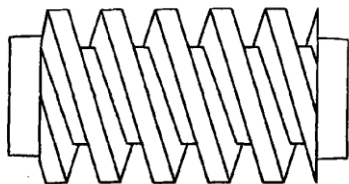
Address of Applicant :5, BALLYGUNGE, CIRCULAR
ROAD, KOLKATA 700019 West Bengal India

(72)Name of Inventor :

1)KUPPUSAMY RANGANATHAN

(57) Abstract :

A device to vertically cast overdimensional products in a horizontally prepared mould, comprising a pattern produced in two halves corresponding to the configuration of the overdimensional casting to be produced; a cope box accommodating a first half of said pattern; a drag box accommodating a second half of said pattern, the cope box and the drag box having corresponding configurations to be invertably disposed one above the other; and one each rotatable jig positioned on top ends of said cope box and drag box, the jigs being capable of rotating the horizontally disposed pattern inside the box assembly to a vertical position enabling a pouring station to vertically pour the molten metal for casting of the overdimensional product.



No. of Pages : 9 No. of Claims : 4

(54) Title of the invention : ELECTROCHEMICAL SINKING AND MILLING METHOD AND ALLIED SYSTEM FOR GENERATION OF MICRO FEATURES.

(51) International classification	:F28D15/00, B23P15/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. BIJAY BHATTACHARYYA,
(32) Priority Date	:NA	Address of Applicant :PROFESSOR, PRODUCTION
(33) Name of priority country	:NA	ENGINEERING DEPARTMENT, JADAVPUR UNIVERSITY,
(86) International Application No	:NA	KOLKATA, PIN-700032, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BIJAY BHATTACHARYYA,
(61) Patent of Addition to Application Number	:NA	2)GHOSHAL,BIKASH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to new method of micro profile generation utilizing sinking and milling in electrochemical micromachining. More particularly, the present invention is directed to system and method of micro profile generation for micro components by electrochemical micromachining where, micro tool is moved vertically to final depth or required depth of machined feature followed by milling along the path of the micro features. Machining zone has been simulated in two positions of micro tool and it has been established that taper less through microchannels can be generated by the scanning method and the sinking and milling method. Complex taper less micro features such as channel net, U shape, and S shape were machined. Micro profile of narrow entry width of 32 μm was machined on 50 μm thick SS-304 sheet. Very narrow micro profile of 23 μm was also machined on 35 μm thick SS-304 sheet by the fabricated micro tool of ϕ 8 μm utilizing the new approach of sinking and milling in EMM. Thus, good quality micro features can be generated in terms of reduced taper angle and overcut. In this method, time of machining is highly reduced compared to previous method of scanning machining layer by layer method, thus favouring prospects of wide industrial application.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS OF OPTIMIZATION OF OXYGEN CONCENTRATION IN BLAST AIR AND PARTICLE SIZE DISTRIBUTION OF FUEL FOR INJECTION INTO A BLAST FURNACE TO IMPROVE COMBUSTION OF FUEL

(51) International classification	:C21B 5/00	(71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- 831001, Jharkhand India
(31) Priority Document No	:NA	2)CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, DHANBAD
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ARIJIT DAS
(86) International Application No	:NA	2)HARI PRAKASH TIWARI
Filing Date	:NA	3)PRADIP KUMAR BANERJEE
(87) International Publication No	: NA	4)DR. ASHIS MUKHERJEE
(61) Patent of Addition to Application Number	:NA	5)MR. MANISH KUMAR
Filing Date	:NA	6)MR. SANTI GOPAL SAHU
(62) Divisional to Application Number	:NA	7)MR. ASHIS KUMAR ADAK
Filing Date	:NA	

(57) Abstract :

The invention relates to a process of optimization of oxygen concentration in blast air and particle size distribution of fuel for injection into a blast furnace to improve combustion of fuel, comprising the steps of: feeding of high rank coal in a particle size distribution from top portion of an electrically heated vertical furnace alongwith a controlled flow of primary air to carry the coal particles inside the furnace; injecting a pre-heating secondary air circumferentially into the furnace including excess air quantity about 20% over the stoichiometric requirements; and supplying a pure oxygen stream with desired variable in oxygen flow, wherein the burnout efficiency of the high rank coal is increased.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1466/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD FOR PREPARING PULVERIZED COAL ASH BASED GRANULES FROM PULVERIZED COAL COMBUSTION RESIDUAL WASTE PARTICULATES

(51) International classification	:C04B 18/00	(71)Name of Applicant : 1)CENTRAL POWER RESEARCH INSTITUTE Address of Applicant :REGIONAL TESTING LABORATORY, 1ST FLOOR, CTD WORKSHOP, WBSEB BN BLOCK ABHIKSHAN BUILDING, SECTOR-V, SALT LAKE CITY, KOLKATA-700 091, HAVING ITS REGISTERED OFFICE AT PROF. SIR C. V. RAMAN ROAD, SADASHIVANGAR, P.O. BOX 8066, BANGALORE - 560080, Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)M.G. ANANDA KUMAR 2)DR. M. SHEKHAR KUMAR 3)DR. S. SEETHARAMU
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preparing pulverized coal ash based granules from pulverized coal combustion residual waste particulates, comprising the steps of providing raw materials consisting of pulverized coal combustion residual waste particulates; cold dry blending of the raw materials using inorganic calcareous and gypsum compounds, and/or adding of water with polymer binder; mixing the blend in a mechanical mixture to produce a processable mass; producing granules from the processable mass in a granule-shaping pelletizer machine; and strengthening the granules in an autoclave using wet steam at low pressure, wherein cold dry blending is carried-out at room temperature, wherein steam curing is done at a temperature range of 120° - 170°C at a steam pressure of 1 atmosphere for about 3 to 5 hours, and wherein the size of the raw materials particles is selected at a range of 50 µm to 300 µm.

No. of Pages : 11 No. of Claims : 6

(54) Title of the invention : A ROTARY REACTOR FOR MAXIMIZING HYDROGEN GAS GENERATION BY UTILIZING WASTE HEAT FROM MOLTEN SLAG.

(51) International classification	:B22D 41/00	(71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-831001,Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AVTAR SINGH
Filing Date	:NA	2)G. RAMAKRISHNA
(87) International Publication No	: NA	3)GAJANAN U. KAPURE
(61) Patent of Addition to Application Number	:NA	4)G.P. SAHU
Filing Date	:NA	5)S.K. SUMAN
(62) Divisional to Application Number	:NA	6)SUMITESH DAS
Filing Date	:NA	7)D GOPALA KRISHNA EEGALA
		8)PRADIP KUMAR BANERJEE

(57) Abstract :

The present invention relates to a rotary reactor for maximizing hydrogen gas generation by utilizing waste heat from molten slag. A refractory lined molten slag reservoir (1) which has a bottom opening (21) connected to a hollow entry cell (5) of the rotary reactor (R), receives molten slag (2) over temperature of 1600°C from the L.D. Convertor or from Ferrochrome production. The upward or downward movement of a stopper rod (3) is actuated by a lifting lever means (4) which controls the movement of the said rod. The reactor (R) has a cylindrical rotary reaction chamber which has part of its inner wall refractory lined (6) and the refractory lined wall is lined with special ceramic coating. The refractory lined part (6) of the rotary reaction chamber has a baffle (8) mounted on it which holds the molten slag and also has a spiral baffle (8) which sets the spiral motion of molten slag for making it thin. In addition to this there are multiple number of baffles (9) mounted at a distance to ensure continuous and smooth flow of molten as well as solidified slag (16) towards the exit cell and moves into a tank through a projected bottom (15) attached to the exit cell and dipped in water. Water or steam or water containing carbonaceous material is passed through a concentric pipe (12) which is provided with jets or nozzle means (10) along its length to spray water or steam on molten slag layer formed on the inner wall of the rotary reaction chamber. The rotary reaction chamber (11) is provided with roller support (19,20) and the rotation of the rotary reaction chamber (11) is carried out by girth gear means. The exit cell is provided with continuous hydrogen gas withdrawal provision (14) from the rotary reaction chamber (11) such that the product gas is discharged through outlet pipe (17).

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1455/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : EMBEDDED DEVICE TO DISPLAY AND CONTROL LEAKAGE GAP BETWEEN A SETOR PLATE AND RADIAL SEALS IN ROTARY REGENERATIVE AIR PREHEATERS

(51) International classification	:F28D 19/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)ARUMUGAM MARIMUTHU
(32) Priority Date	:NA	2)PAPPU REDDY PONNUSAMY
(33) Name of priority country	:NA	3)SOMASUNDARAM RAGUNATHAN
(86) International Application No	:NA	4)AMIT BADHANI
Filing Date	:NA	5)MADASAMY BRAGALATHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an embedded device to display and control leakage gap between a sector plate and radial seals in Rotary Regenerative Air Preheaters, the device comprising a flash memory based microcontroller to receive an input signal from an electronic sensor, process the signal in terms of rotor position, the speed of the rotor, and real time gap between the sector plate sealing surface and the radial seals; a plurality of buffered output ports to transmit command to a jactuator motor attached to a motor control panel having multiple limit switches; a buffered input ports to receive the feedback from the Limit switches including the input signal coming from the sensor, wherein the jactuator motor is enabled to re-position the sealing surface of the sector plate relative to the radial seals in order to maintain a desired gap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1456/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A HEAT CONDUCTING SUPPORT DEVICE FOR HORIZONTAL COILS LOCATED THE BUNDLE CHAMBER OF FLUIDIZED BED COMBUSTION BOILERS

(51) International classification	:F22B 37/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700 091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110 049, West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)IRUDAYADASAN ALBERT WILLIAM
(32) Priority Date	:NA	2)THIAGARAJA IYER RADHAKRISHNAN
(33) Name of priority country	:NA	3)VIJAY KUMAR VERMA
(86) International Application No	:NA	4)KRISHNAN PALANIAPPAN
Filing Date	:NA	5)TARAKESH KANAKALA
(87) International Publication No	: NA	6)ISMALI ANVAR ALI
(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 heat conducting support device for horizontal coils located in the bundle chamber of fluidized bed combustion boilers comprising at least one vertical steam cooled hanger tube (1) allowing a plurality pairs of horizontal coils (2) to be shrink fitted through at least one solid forged strap (3) with the vertical tube (1); and a spacer sleeve (5) provided in between each pair of forged straps (3), wherein each strap (3) is provided with a central hole (6) including a countersunk groove, and wherein the central hole (6) is constructed with close tolerance to allow the shrink-fit of the forged strap (3) and the tube assembly (1,2).

No. of Pages : 11 No. of Claims : 5

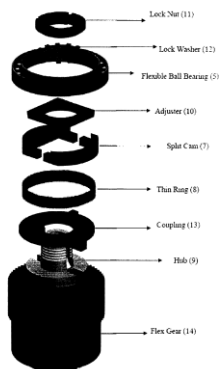
(54) Title of the invention : AN IMPROVED SPLIT CAM ASSEMBLY AND AN IMPROVED HARMONIC DRIVE (STRAIN WAVE GEARING) SYSTEM COMPRISING THE CAM ASSEMBLY

(51) International classification :F01L1/047
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY
 Address of Applicant :KHARAGPUR, PIN-721 302, DIST-
 MIDNAPORE, STATE OF WEST BENGAL, INDIA
 (72)**Name of Inventor :**
1)MAITI RATHINDRANATH

(57) Abstract :

An improved harmonic drive gear system comprising: at least one strain wave generator (WG) cam ; at least one thin ring (8) inside which the said wave generator cam is assembled; at least one flexible bearing inside which the said thin ring (8) is placed; at least one flex gear (14) which is a cup shaped hollow circular cylinder inside which the said flexible bearing (5) is placed; wherein said wave generator comprising plurality of U shaped identical pieces (7) that are trapped in between a taper adjuster (10); wherein said U shaped identical pieces (7) are placed together with said thin ring on a hub (9) with a coupling (13) in between and a thin nut (11) is also provided to regulate the said taper adjuster (10).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :10/01/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED SORPTION COOLER AND PROCESS FOR PRODUCING CONTINUOUS SORPTION COOLING IN A SINGLE ADSORBENT TUBE/BED WITH PULSATING GAS FLOW

(51) International classification	:F25B17/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY
Address of Applicant :KHARAGPUR, PIN-721 302, DIST-
MIDNAPORE, STATE OF WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)GHOSH INDRANIL

(57) Abstract :

The present invention relates to an Improved Sorption Cooler And Process For Producing Continuous Sorption Cooling in a Single Adsorbent Tubel Bed With Pulsating Gas Flow .The improved sorption cooling device adapted for having an improved sorption refrigeration cycle comprising an single adsorbent column; plurality of wire screen placed on the ends of the column to avoid spillage of adsorbent; a regulating valve placed on one of the side of the adsorbent column having adjustable valve to create a larger temperature difference within the column; a pair of solenoid valve placed substantially on the opposite side of the regulating valve to control the flow of adsorbate in the column where the solenoid valve comprising an intake solenoid valve for charging and another exhaust solenoid valve for discharging. The solenoid valve sequentially close and open rapidly to generate pulsating flow in the adsorbent column to generate shorter cycle time and high cooling capacity

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1244/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS OF SEPARATING FIBRES OF COCOONS

(51) International classification	:D01B7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BORUAH KAUSHIK, THROUGH MR. BORUAH
(32) Priority Date	:NA	UTTAM CHANDRA (NATURAL GUARDIAN)
(33) Name of priority country	:NA	Address of Applicant :PADUMONI TINIALI, P.O.-
(86) International Application No	:NA	RAHDHALA, DHEKIAL, GOLAGHAT, ASSAM, PIN-785622,
Filing Date	:NA	Assam India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BORUAH KAUSHIK,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process to separate fibers from pierced cocoons comprising is disclosed. The process comprises in the steps of deflossing of cocoons. Placing a heavy metal piece inside the cocoons and then reeling silk fiber from the cocoons into a bobcoons to obtain continuous silk filament.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD OF DESCRIPTOR FILE BASED ACCELERATED DOWNLOAD OF FILES IN TARGET CONTROL DEVICES FROM A SERVER SYSTEM

(51) International classification	:H04L 29/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON, France
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ABHISHEK KUMAR
Filing Date	:NA	2)SANDIP MONDAL
(87) International Publication No	: NA	3)CHIRANTAN GHOSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system (100) for accelerated download of files in target control devices (102-1,102-2,102-3 and 102-4) based on descriptor file. The system (100) comprises of said control devices (102-1,102-2,102-3 and 102-4) and a server system (104) linked with said control devices (102-1,102-2,102-3 and 102-4). The control devices (102-1,102-2,102-3 and 102-4) are interlinked by the network (106). Each of the control devices (102-1,102-2,102-3 and 102-4) is provided with a file-download-facilitating means (108-1, 108-2, 108-3, 108-4 respectively). The present invention also provides a novel method for accelerated download of files in target control devices (102-1,102-2,102-3 and 102-4) based on descriptor file.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1434/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PREPARING STUDY THE COMPONENT SINGLE PART FINE BLANKED PLATE COMP SHIFT DRUM STOPPER/PLATE COMP. GEAR SHIFT CAM

(51) International classification	:F16C 33/00	(71)Name of Applicant : 1)IFB INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :14, TARATALA ROAD, KOLKATA -
(32) Priority Date	:NA	700 088, WEST BENGAL, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ANJAN PODDAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the process for preparing study the component drawing and functional requirement of each section of the part; also find out the reason of existing design problem and how to eliminate problem, wherein push out load depend upon interference tolerance limit and surface finish of both the parts, wherein if the frictional force is high then push out load will be high and to achieve dimensional accuracy better surface finish is required, so there is contradictory between dimensional accuracy and frictional force.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1436/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : SELF-DRILLING EXPANSION FASTENER AND METHOD OF FORMING SAME

(51) International classification	:F16B 13/00	(71)Name of Applicant : 1)HSU, FU-CHUAN
(31) Priority Document No	:NA	Address of Applicant :NO. 682, SEC. 1, YANGHU RD.,
(32) Priority Date	:NA	YANGMEI CITY, TAOYUAN COUNTY, Taiwan
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)HSU, FU-CHUAN
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 self-drilling expansion fastener is integrally formed of a sheet metal material for locking two or more sheet workpieces together, and includes an expansion structure and a drill structure. The expansion structure has a plurality of internal threads and force-distributing bars. The drill structure has a chip guard for covering a head of the expansion structure, and a drill forward projected from the chip guard for self-drilling a hole. When an externally threaded element is screwed into the expansion structure to mesh with the internal threads, the force-distributing bars are brought to expand outward and are finally compressed into a folded state to thereby tightly lock the sheet workpieces to one another. A method of forming the self-drilling expansion fastener is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :21/07/2009

(43) Publication Date : 10/07/2015

(54) Title of the invention : PORTABLE GAS POWERED INTERNAL COMBUSTION ENGINE ARRANGEMENT

(51) International classification :A01D 34/00,F23H
1/00
(31) Priority Document No :11/702,381
(32) Priority Date :06/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/018716
Filing Date :27/08/2007
(87) International Publication No :WO 2008/100285
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HERZER, BERNARDO, J.
Address of Applicant :3863 WESTWOOD BLVD., CULVER
CITY, CA 90232 U.S.A.
(72)Name of Inventor :
1)HERZER, BERNARDO, J.

(57) Abstract :

An internal combustion engine driven device which for purposes of describing this embodiment may be an electrical energy generator. The internal combustion engine may be a four stroke, two stroke with appropriate oil injection, single cylinder air or liquid cooled engine, though larger types of engines may be utilized as desired for particular applications. The internal combustion engine may have an inertial or pull type starter to initiate operation thereof and such engines are readily available. In accordance with the principals of the present invention a mounting plate is adjacent the engine and is coupled thereto in any suitable location such as to the crankcase or other portion of the internal combustion engine so that the mounting plate receives both heat from the internal combustion engine and is vibrated by the vibration of the engine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.22/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED PROCESS TO PRODUCE LOW ASH CLEAN COAL FROM HIGH ASH COAL INVOLVING 100% SOLVENT RECOVERY WITH 75% LOWER ENERGY CONSUMPTION

(51) International classification	:B01D 53/00	(71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-831001. Bihar India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PINAKPANI BISWAS
(87) International Publication No	: NA	2)PRADIP KUMAR BANERJEE
(61) Patent of Addition to Application Number	:NA	3)DEBJANI NAG
Filing Date	:NA	4)VIMAL KUMAR CHANDALIYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved process to produce low ash clean coal from high ash coal involving 100% solvent recovery with 75% lower energy consumption, the process comprising: (i) forming a slurry of coal fines in organic solvent with a small amount of co-solvent; (ii) maintaining said slurry in a reactor at a temperature range between 100°C to 240°C and pressure range of 1 to 4 gauge (kg/cm²) for a period of about 15 minutes to 4 hours; (iii) separating the produced sample after withdrawal from the reactor, separation cut size being variable depending on the particle size to be treated including application of the end product, a first part of the separated sample being a filtrate or extract and the second part being a reject; (iv) drying the reject by a horizontal dryer, said separated reject having high ash content; (v) feeding the extracted part into an evaporator to recover the solvent; and (vi) feeding the concentrated material (bottom product of evaporator) into a vertical dryer to separate coal from the solvent, said separated coal having a reduced ash content.

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

(54) Title of the invention : A NONSTOP TRAFFIC SYSTEM USING HALF (1/2) CLOVERLEAF AND TRAFFIC METHOD APPLIED WITH THE SAME

(51) International classification :G08G 1/081
 (31) Priority Document No :10-2008-0122821
 (32) Priority Date :05/12/2008
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2009/007134
 Filing Date :02/12/2009
 (87) International Publication No :WO/2010/064834
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)YEO Chi Hong

Address of Applicant :705-11 Yon Hi 2-Dong Se Dae Mon-Gu Seoul 120-827 Republic of Korea

(72)Name of Inventor :

1)YEO Chi Hong

(57) Abstract :

Disclosed is a nonstop traffic system using a half(1/2) cloverleaf and a traffic method applied with the same, including a loop-type traffic system for connecting a half (1/2) cloverleaf (100) to half (1/2) underground U-turn lanes(200E, 200W, 200S and 200N) that can make vehicles drive and pedestrians walk nonstop in every direction without relation to traffic signals at existing intersections or roadways for left-turn and U-turn, and crosswalks. The half (1/2) cloverleaf (100) is constructed at existing intersections and the half underground U-turn lanes(200E, 200S, 200S and 200N) are constructed on left-turn roadways in existing four directions(East, West, South and North) that connect to the intersections, U-turn roadways and crosswalks. As mentioned, all structures in the nonstop traffic system using the half(1/2) cloverleaf in a loop-type that connects the half(1/2) cloverleaf (100) to the half (1/2) underground U-turn lanes(200E, 200W, 200S and 200N) in four directions(East, West, South, North) is adopted to the bisectonal construction method, thus the height of all lanes can be differentiated. As mentioned, the half (1/2) cloverleaf(100) includes a half(1/2) overpass(10), a half(1/2) underpass(20), a half(1/2) underground U-turn roadway(30) and a half(1/2) ground pedestrian bridge(40). Moreover, the half (1/2) underground U-turn lanes(200E, 200W, 200S and 200N) includes a half(1/2) overpass(50), a half(1/2) underground U-turn roadways(60) and half(1/2) underground crosswalk (70). As mentioned, the structures are the divided into two sections, upper and lower portions, and formed to take the upper portion exposed on the ground and the lower covered underground, to differentiate the height and depth of each lanes three-dimensionally. Accordingly, each function of the structures is independently performed to enable vehicles to go straight, take a right turn and U-turn nonstop and pedestrians to take the crosswalks nonstop. Traffic problems that have happened at existing intersections, left-turn roadways in four directions (East, West, North, and South), U-turn roadways and crosswalks can be solved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2767/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :02/07/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : NOVEL AMINO C-XYLOSIDE COMPOUNDS, AND COSMETIC USE

(51) International classification	:C07H 7/02 A61K 8/60
(31) Priority Document No	:0858216
(32) Priority Date	:03/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052378
Filing Date	:02/12/2009
(87) International Publication No	:WO/2010/063953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)L'OREAL

Address of Applicant :14 rue Royale F-75008 Paris
France

(72)Name of Inventor :

1)DALKO Maria

2)CAVEZZA Alexandre

(57) Abstract :

The present invention relates to novel compounds of formula (I) where R is: a C2-C18 alkyl radical, or a -CHR1 -COOR2 radical, where: R1 is H or a C1-C6 alkyl radical, and R2 is a C1-C6 linear alkyl radical, a C3-C6 cyclic alkyl radical, or a C3-C6 branched alkyl radical. The invention also relates to the cosmetic compositions containing said compounds and to the use thereof to cosmetically prevent and treat signs of aging on the skin.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1437/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOBILE PAYMENTS INTEGRATED WITH A BOOKING SYSTEM

(51) International classification	:G06Q 20/00	(71)Name of Applicant : 1)OPEN TABLE, INC. Address of Applicant :1 MONTGOMERY STREET, SUITE 700 SAN FRANCISCO, CALIFORNIA 94104 U.S.A.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ROHAN ANGRISH
(33) Name of priority country	:NA	2)RISHI DESHPANDE
(86) International Application No	:NA	3)KASHYAP DEORAH
Filing Date	:NA	4)TAPAN PANDITA
(87) International Publication No	: NA	5)ULHAS MANDRAWADKAR
(61) Patent of Addition to Application Number	:NA	6)KESHAV KRITY
Filing Date	:NA	7)SANJAY DALSANIA
(62) Divisional to Application Number	:NA	8)ABHAY KUMAR
Filing Date	:NA	

(57) Abstract :

In an embodiment, a data processing method comprises, using a merchant booking computer, associating a reservation record with a location identifier, wherein the reservation record comprises a user identifier; using a service provider computer system, matching a transaction ticket stored in a point-of-sale (POS) computer of a merchant to the location identifier of the reservation record, based upon obtaining one or more POS data values from the POS computer, and obtaining ticket data specifying one or more items in the transaction ticket; based upon the user identifier and a user account that associates the user identifier with a mobile computing device identifier, communicating the ticket data to a mobile computing device; receiving, from the mobile computing device, a request to pay a payment amount based upon the ticket data; requesting a payment gateway computer to initiate a payment transaction in which user payment account data associated with the user account identified as payer and in which a merchant account associated with the merchant is identified as beneficiary.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1438/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : REGENERATIVE ROTARY PISTON ENGINE

(51) International classification	:F02B75/02, F02K9/44	(71) Name of Applicant : 1)ASHUTOSH BHASKAR Address of Applicant : 'SANKALP', NEAR MIDDLE SCHOOL, VILL.+PO.-NARWARA, P.S.- TARIYANI, VIA- MINAPUR, MUZAFFARPUR, DIST.-BIHAR, INDIA - 843128
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ASHUTOSH BHASKAR
(87) 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 rotary piston internal combustion engine which converts chemical energy of fuel into rotary mechanical energy. The embodiment is centered on a jelly cycle. The ideal cycle comprises of different thermodynamic processes which are achieved during different strokes of the embodiment preferred herein. The embodiments comprises of two displacement bodies mounted with their axes parallel to one another, the facing surfaces of these bodies forming the walls of chambers of variable volume. The rotary motions of the two bodies govern by the principle of kinematics, wherein the preferred embodiments utilize the process of regeneration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : ACYCLOVIR LOADED SOLID LIPID NANOPARTICULATE GEL FORMULATION FOR TOPICAL APPLICATION AND METHOD OF FORMULATING THE SAME

(51) International classification	:A61K 9/00	(71)Name of Applicant : 1)SUBHABROTA MAJUMDAR Address of Applicant :DEPARTMENT OF PHARMACEUTICS, CALCUTTA INSTITUTE OF PHARMACEUTICAL TECHNOLOGY AND ALLIED HEALTH SCIENCES, HOWRAH-711316, WEST BENGAL, INDIA 2)SAMIR KUMAR SAMANTA 3)SUVALAXMI SARKAR
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBHABROTA MAJUMDAR
(62) Divisional to Application Number	:NA	2)SAMIR KUMAR SAMANTA
Filing Date	:NA	3)SUVALAXMI SARKAR

(57) Abstract :

The present invention relates to a method for preparing acyclovir loaded topical solid-lipid nanoparticle (SLN) gel. The method comprises preparing an oil phase by using an antiviral drug, cholesterol, phosphatidyl choline and oleic acid. An aqueous phase is prepared by using surfactants such as Tween 80 and PEG 4000. A nano-emulsion is formed by mixing the oil phase and the aqueous phase at pre- determined conditions of pH and temperature. The method is a hot homogenization method. The present invention also relates to solid-lipid nanoparticles loaded with an antiviral drug, acyclovir. The acyclovir SLN formulation has the ability to avoid the systematic penetration through the skin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.322/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PRESSURE CONTROL IN PHACOEMULSIFICATION SYSTEM

(51) International classification	:A61F9/007
(31) Priority Document No	:13/657,324
(32) Priority Date	:22/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/064433
Filing Date	:11/10/2013
(87) International Publication No	:WO 2014/066060
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCON RESEARCH, LTD.
Address of Applicant :IP LEGAL, MAIL CODE TB4-8, 6201
South Freeway, Fort Worth, TX 76134 U.S.A.
(72)**Name of Inventor :**
1)GORDON, Raphael

(57) Abstract :

A surgical system comprises a pressurized irrigation fluid source; an irrigation line fluidly coupled to the pressurized irrigation fluid source; a hand piece fluidly coupled to the irrigation line; an irrigation pressure sensor located at or along the pressurized irrigation fluid source or irrigation line; and a controller for controlling the pressurized irrigation fluid source. The controller controls the pressurized irrigation fluid source based on a reading from the irrigation pressure sensor and an estimated flow value modified by a compensation factor.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE DIMENSIONAL SIX DIRECTIONAL LINEAR MOTION MECHANISM

(51) International classification	:F16G	(71)Name of Applicant :
	5/00	1)KUNAL AMBASTA
(31) Priority Document No	:NA	Address of Applicant :SHIV SHAKTI NAGAR, GOUSHALA
(32) Priority Date	:NA	ROAD, PO. JHUMRI-TELAIYA, KODERMA, JHARKHAND,
(33) Name of priority country	:NA	PIN-825409,Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUNAL AMBASTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This mechanism is a three dimensional six directional linear motion mechanism with 15 links in which one (1) link is fixed and 14 links are movable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.352/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ATOMIC OSCILLATOR AND INTERROGATION METHOD OF COHERENT POPULATION TRAPPING RESONANCE

(51) International classification	:H03L7/26,H01S1/06	(71)Name of Applicant :
(31) Priority Document No	:2012-190180	1)RICOH COMPANY LTD.
(32) Priority Date	:30/08/2012	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(33) Name of priority country	:Japan	Tokyo 1438555, Japan
(86) International Application No	:PCT/JP2013/073728	2)TOKYO METROPOLITAN UNIVERSITY
Filing Date	:28/08/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/034955	1)GOKA, Shigeyoshi
(61) Patent of Addition to Application	:NA	2)YANO, Yuichiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An atomic oscillator includes an alkali metal cell in which alkali metal atoms are enclosed, a light source which irradiates the atoms in the alkali metal cell with laser beams, a photodetector which detects a light amount of the laser beams passing through the alkali metal cell to enter the photodetector, and a controller which generates sidebands including a pair of laser beams with different wavelengths by performing frequency modulation of a carrier on the light source, causes the pair of laser beams with the different wavelengths to enter the alkali metal cell, and controls a modulation frequency according to optical absorption characteristics of the atoms by quantum interference effects of a pair of resonance laser beams, wherein the side bands include second order or higher order sidebands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3522/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : FLYWHEEL MODULE

(51) International classification :F16D43/04
(31) Priority Document No :2002453
(32) Priority Date :27/01/2009
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2010/050039
Filing Date :27/01/2010
(87) International Publication No :WO/2010/087705
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DTI GROUP B.V.
Address of Applicant :Croy 46 NL-5653 LD Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VAN DRUTEN Roëll Marie
2)SERRARENS Alexander Franciscus Anita
3)VROEMEN Bas Gerard

(57) Abstract :

A flywheel module (9) comprises a coupling unit (11) which has an input shaft (15) and an output shaft (17). This coupling unit (11) has a first coupling (23) of which a first coupling half (25) can be connected to a combustion engine (3) and a second coupling half (27) can be connected to a continuously variable transmission (7). The flywheel module (9) further comprises a flywheel unit (13) which has an in/output (28) and is formed by a flywheel (29) and a reduction gear unit (31) connected to the flywheel (29). This flywheel unit (13) is exclusively connected to the in/output (28) via the coupling unit (11).

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.3524/KOLNP/2011 A

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND DEVICE FOR SENDING AND RECEIVING SERVICE DATA

(51) International classification :H04L1/00
(31) Priority Document No :200910131493.1
(32) Priority Date :01/04/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071490
Filing Date :01/04/2010
(87) International Publication No :WO/2010/111958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO. LTD.

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Bantian Longgang District Shenzhen Guangdong 518129
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(72)Name of Inventor :

1)LI Kun;

2)ZHOU Jianlin;

3)CAO Yang;

4)HU Xing;

5)CAI Jun;

6)XIAO Xinhua;

(57) Abstract :

A method and device for transmitting and receiving service data are provided in the embodiments of the present invention, which relate to the field of communications technology, and can solve the problem that the network system can not bear the service at arbitrary rate. The method for transmitting service data includes: receiving at least one resilient data channel adapting the service data; searching the destination port address corresponding to the source port of the at least one resilient data channel; according to a channel indication information corresponding to the at least one resilient data channel, respectively scheduling the at least one resilient data channel to the Optical Channel Data Unit-k (ODUk) frames in the corresponding destination port; and forwarding the ODUk frame to the destination address through an Optical Transport Network (OTN) line after completing the construction of the ODUk frames. The embodiments of the present invention are adapted to the optical network communication.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3525/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IMPLEMENTING LOCAL SWITCHING

(51) International classification :H04W40/00
(31) Priority Document No :200910078002.1
(32) Priority Date :06/02/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/076178
Filing Date :29/12/2009
(87) International Publication No :WO/2010/088835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129
China
(72)**Name of Inventor :**
1)LU Lei;
2)GU Liang;
3)ZHANG Wei;

(57) Abstract :

A method and system for realizing local switch. The method includes that the location information of a receiving subscriber terminal which receives uplink data is inquired and determined according to the information borne in the uplink data after the uplink data transmitted by a transmitting subscriber terminal are received; when the data transferred between the transmitting subscriber terminal and the receiving subscriber terminal are determined to conform to a local switch condition according to the location information of the receiving subscriber terminal and the location information of the transmitting subscriber terminal, the local switch operation is performed for the data transferred between the transmitting subscriber terminal and the receiving subscriber terminal according to a local switch rule recording the control manner for performing the local switch. Thus less network transmission resources are occupied by the corresponding data during transmission process, the corresponding transmission delay can be reduced, and the data transmission efficiency is improved.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.25/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD FOR MEASURING RINSABILITY AND CLEANSING OF SURFACTANT OR WASH OFF PRODUCTS AND KITS THEREOF.

(51) International classification	:G01N 33/00	(71)Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37,J.L.NEHRU ROAD,KOLKATA-700071.WEST BENGAL,INDIA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BISWAS, SAMARES, CHANDRA
Filing Date	:NA	2)SEETHARAMACHARYA, SUDHEENDRA, UDUPI
(87) 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 quantitative evaluation and measuring of rinsability by measuring the surface tension of the wash off product is provided in the present invention. Further there are four kits provided in the present invention which helps in the evaluation and measurement of the rinsability an easy to operate process. These kits can be handled/ operated by a person skilled in the art.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR MONITORING BUSINESS FUNCTIONS

(51) International classification	:G06Q	(71) Name of Applicant :
	10/00	1)DINABANDHU BAG
(31) Priority Document No	:NA	Address of Applicant :FR-57, NIT CAMPUS
(32) Priority Date	:NA	ROURKELA,769008,Orissa India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DINABANDHU BAG
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 :

Various embodiments of the present invention relate to methods and systems for monitoring business functions. This provides aggregate functional measures to obtain insights on activities of the various function of a business that are divided into dimensions such as market, customer, supplier, human capital, operations, IT and Finance. An aggregate measure is established for each business function. Each of the aggregate measures comprises a set of related measures is established for each functions namely sales, product, conversion, compliance, support, etc. A value of at least one of the measures may be calculated to provide an indication for monitoring of business function. The values of the aggregate measures together provide an indication of monitoring of overall business performance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3540/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification :B60K 4116
(31) Priority Document No :10-2009-0012240
(32) Priority Date :16/02/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/000958
Filing Date :16/02/2010
(87) International Publication No :WO/2010/093227
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BYUN Donghwan
Address of Applicant :Seocho-Gu Jamwon-Dong Shinbanpo
205dong-202ho Seoul 137-030 Republic of Korea
(72)Name of Inventor :
1)BYUN Donghwan

(57) Abstract :

The present invention discloses a continuously variable transmission employing an inner-outer spherical traction drive system which uses as a power transmission medium a bevel gear having a traction power transmission surface with an obtuse-angle cone shape. The continuously variable transmission comprises: a gear mounted to rotate with respect to a frame in which the continuously variable transmission is installed, a traction member mounted to rotate coaxially with the gear, power transmission assemblies which include a power roller having a ribbed power transmission part on one side meshed with the gear and a power transmission surface on the other side traction-coupled with the traction member and which transmit torque as the power roller meshes with the gear and traction-couples with the traction member simultaneously, a support member which arranges the power transmission assemblies in a radial direction thereon and supports the power transmission assemblies to couple with the traction member, and a transmission unit which controls the axial position between the traction member and the power transmission assemblies. Therefore, the speed ratio between the gear and the traction member is continuously varied by the transmission unit.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3541/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MEASUREMENT OF ACTIVE USER DEVICES PER QUALITY-OF-SERVICE CLASS INDICATOR

(51) International classification	:H04W4/00
(31) Priority Document No	:61/149,447
(32) Priority Date	:03/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2009/051383
Filing Date	:07/12/2009
(87) International Publication No	:WO/2010/090570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm Sweden

(72)**Name of Inventor :**
1)PEISA Janne
2)DE FRANCA LIMA Octavio Jose
3)KENEHAN Noel
4)OLSSON Andreas
5)WESTERBERG Erik

(57) Abstract :

Methods, apparatus, and systems for measuring, on a per-QoS-class basis, the average number of user devices active on the uplink of a wireless communication system are disclosed. In an exemplary method, a number of mobile terminals with buffered data for transmission to a base station is estimated based on received buffer status reports. An estimated quantity of active mobile terminals is calculated, based on the received buffer status reports and a number of mobile terminals for which a semi-persistent scheduling grant has been granted. In some embodiments, the estimated quantity of active mobile terminals is estimated on a per-traffic-class basis, in which case the technique includes calculating first and second estimated quantities, corresponding to mobile terminals having active data bearers for first and second traffic classes, respectively, based on the received buffer status reports and the number of mobile terminals for which a semi-persistent scheduling grant has been granted.

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

(54) Title of the invention : THREE-DIMENSIONAL OBJECT DETECTION DEVICE, AND THREE-DIMENSIONAL OBJECT DETECTION METHOD

(51) International classification :G08G1/16,G06T1/00,G06T7/00
 (31) Priority Document No :2012-166515
 (32) Priority Date :27/07/2012
 (33) Name of priority country :Japan
 (86) International Application No:PCT/JP2013/070009
 Filing Date :24/07/2013
 (87) International Publication No :WO 2014/017520
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
 Address of Applicant :2, Takara-cho, Kanagawa-ku,
 Yokohama-shi, Kanagawa 221-0023, Japan
 (72)Name of Inventor :
1)Yasuhisa HAYAKAWA
2)Osamu FUKATA

(57) Abstract :

The present invention is provided with a detection region setting unit(41) for setting a detection region on the right and left sides at the rear of a vehicle, three-dimensional object detection units (33, 37) for detecting a three dimensional object located within the right side detection region (A1) or the left side detection region (A2) at the rear of the vehicle on the basis of the image information of the rear of the vehicle obtained from a camera (10), and a three dimensional object determination unit (34) for determining whether the detected three dimensional object is another vehicle (VX) located in the right side detection region (A1) or the left side detection region (A2), wherein when a state in which the lens is wet is detected, the detection region setting unit (41) sets a first detection region and a second detection region as the new detection regions (A1, A2), the first detection region being a region that was set first and the second detection region being a region that does not include the display region of the white line on the side of the traveling lane of a vehicle (V) from among the white lines of lanes that are adjacent to the lane in which the vehicle (V) is traveling.

No. of Pages : 103 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE-DIMENSIONAL OBJECT DETECTION DEVICE

(51) International classification :G08G1/16,B60R1/00,B60R21/00
(31) Priority Document No :2012-166516
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070010
Filing Date :24/07/2013
(87) International Publication No :WO 2014/017521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku,
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(72)Name of Inventor :
1)Yasuhisa HAYAKAWA
2)Osamu FUKATA

(57) Abstract :

The present invention is provided with: one camera (10) which is mounted on a vehicle and which images the rear of the vehicle; three dimensional object detection units (33, 37) for detecting a three dimensional object located in a right side detection region (A1) or a left side detection region (A2) at the rear of the vehicle on the basis of the image information obtained from the camera (10); a three dimensional object determination unit (34) for determining whether the three dimensional object detected by means of the three dimensional object detection units (33, 37) is another vehicle (VX) located in the right side detection region (A1) or the left side detection region (A2); a high luminance region determination unit (38) for determining a first detection region (A1, A2) containing a predetermine high luminance region from among the right side and left side detection regions (A1, A2); and a control unit (39) for preventing another vehicle from being detected on the basis of the image information of the detected first detection region (A1, A2) and for promoting the detection of or continuing to detect another vehicle on the basis of the image information of a second detection region (A1, A2) other than the first detection region (A1, A2).

No. of Pages : 98 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : ENHANCED SHAPE SUPPORT GRID

(51) International classification	:B01D33/23
(31) Priority Document No	:61/676,156
(32) Priority Date	:26/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/052369
Filing Date	:26/07/2013
(87) International Publication No	:WO 2014/018911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BILFINGER WATER TECHNOLOGIES INC.

Address of Applicant :1950 Old Highway 8 NW, New Brighton, Minnesota 55112 U.S.A.

(72)Name of Inventor :

1)SAUL, Garth Hayes

2)NORELL, Robert Glen

3)BRABEC, Dean Gerald

4)SCHMITT, Benjamin

5)VISEKRUNA, Dusan

6)EKHOLM, Michael Richard

7)EBERHARDT, Eugene

8)WOLFE, Edmund M.

(57) Abstract :

A support grid assembly for use in a vessel. The support grid assembly includes panels each including a first wall including a media supporting screen and a second wall to be supported by the vessel wall inner surface. A manifold is coupled to the panels and is in hydraulic communication with vessel outlet. The manifold and the panels permit fluid to flow through the screen in each panel, through the panels, into the manifold, and through the manifold to the outlet of the vessel, as well as in the reverse direction. At least a portion of the first wall may slope downward toward the manifold, and at least a portion of the second wall may form a bottom surface that is curved to substantially conform to a curvature of the vessel wall inner surface. The panels may be arranged in a circular configuration extending radially from the manifold.

No. of Pages : 36 No. of Claims : 30

(54) Title of the invention : METHOD FOR PREPARING RUBBER/NANOCLAY MASTERBATCHES, AND METHOD FOR PREPARING HIGH STRENGTH, HIGH IMPACT-RESISTANT POLYPROPYLENE/NANOCLAY/RUBBER COMPOSITES USING SAME

(51) International classification	:C08K 5/544	(71)Name of Applicant :
(31) Priority Document No	:10-2008-0124058	1)HONAM PETROCHEMICAL CORPORATION
(32) Priority Date	:08/12/2008	Address of Applicant :395-67 Shindaebang-dong Dongjak-gu
(33) Name of priority country	:Republic of Korea	Seoul 156-010 Republic of Korea
(86) International Application No	:PCT/KR2009/005885	(72)Name of Inventor :
Filing Date	:13/10/2009	1)KO Sung Rok
(87) International Publication No	:WO/2010/067955	2)NAM Byung Kook
(61) Patent of Addition to Application Number	:NA	3)CHOI Chang Hyoo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a rubber/nanoclay masterbatch composition, and to a method for preparing high strength, high impact-resistant polypropylene/nanoclay/rubber composites using same, and more particularly, to a method for preparing rubber/nanoclay masterbatches using a modified polymer having a high content of maleic anhydride and a compatibilizer. The method for preparing rubber-based nanoclay masterbatches according to the present invention prevents the degradation of the flexural modulus caused by the addition of rubber to the polypropylene, and improves impact resistance. Further, the present invention uses a maleic anhydride graft modified polymer having a high content of maleic anhydride to provide a rubber/nanoclay masterbatch composition having a significantly superior dispersion in a polymer. In addition, the present invention uses a rubber/nanoclay masterbatch composition having a high content of maleic anhydride to provide polypropylene/nanoclay/rubber composites in which a reduction in the flexural modulus is minimized and impact resistance is increased.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2769/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : MAPPING METHOD AND DEVICE FOR DISCONTINUOUS TRANSMISSION BITS

(51) International classification :H04L 5/12
(31) Priority Document No :PCT/CN2009/070383
(32) Priority Date :09/02/2009
(33) Name of priority country :Argentina
(86) International Application No :PCT/CN2009/070431
Filing Date :13/02/2009
(87) International Publication No :WO/2010/088802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129
China
(72)Name of Inventor :
1)YANG Bo;
2)HE Chuanfeng;
3)LI Jing;
4)WANG Weixin;

(57) Abstract :

Modulating and mapping method and device for DTX bits. Said method includes receiving binary symbols in a downlink physical channel; replacing the symbol values of DTX bits in said binary symbols with symbol values of non-DTX bits, then obtaining the updated binary symbols; and modulating and mapping said updated binary symbols. Using DTX bits to duplicate non-DTX bits, and supplying the receiving end with DTX bits that serve as redundant information to non-DTX bits, improves the ability of the receiving end to demodulate DTX bits. When all of the binary symbols in one path are DTX bits, once the binary symbols in same one path are modulated and mapped the output has a real number value of 0.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.30/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : HEATOPROBLECTIVE ACTIVITY OF MIKANIA SCANDENS (L) WILLD. AGAINST THISACCTA MIDE INDUCED HEPATO TOXICITY

(51) International classification	:C07D235/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TARASANKAR MAITY & AYAZ AHMAD
(32) Priority Date	:NA	Address of Applicant :VILL:- AMLAT, P.O + P.S:-
(33) Name of priority country	:NA	SUTAHATA, DIST- PURBAMEDINIPUR, PIN- 721635(W.B)
(86) International Application No	:NA	West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TARASANKAR MAITY & AYAZ AHMAD
(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 synergistic herbal composition for the hepatoprotective activity. More particularly, the present invention relates to the process for the preparation of 4-(1-Carboxy-ethyl)-8-9-dimethyl-cyclodeca-2, 5-diene carboxylic acid from Mikania scandens (L.) Willd. Moreover this invention also relates to the process of preparing the above herbal composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.323/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : CHEMICAL PROCESS

(51) International classification :C07D453/02

(31) Priority Document No :61/683,369

(32) Priority Date :15/08/2012

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

(86) International Application No :PCT/EP2013/067035

Filing Date :14/08/2013

(87) International Publication No :WO 2014/027045

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GLAXO GROUP LIMITED

Address of Applicant :980 Great West Road, Brentford
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(72)Name of Inventor :

1)HOSSNER, Frank

2)STRACHAN, John Bryce

(57) Abstract :

The present invention relates to a process for the preparation of umeclidinium bromide, and to processes for preparing intermediates used in the preparation of umeclidinium bromide.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.370/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : COSMETIC USE OF THE ESSENTIAL OIL OF LASERPITUM SILER L. AGAINST THE SIGNS OF AGING OF THE SKIN AND AS A SKIN ANTIOXIDANT

(51) International classification :A61Q17/04,A61Q19/00,A61Q19/02
(31) Priority Document No :12 57885
(32) Priority Date :20/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/IB2013/056750
Filing Date :20/08/2013
(87) International Publication No :WO 2014/030117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)L'OREAL
Address of Applicant :14 rue Royale, F-75008 Paris France
(72)Name of Inventor :
1)PEGEON, Agnès
2)PELLETIER, Pascale
3)LARTAUD, Pierre
4)FERRARIS, Corinne

(57) Abstract :

The present invention relates to the cosmetic use of the essential oil of Laserpitium siler L., as an active agent for preventing and/or treating the signs of aging or photoaging of the skin and as an antioxidant. It also targets a method for cosmetic treatment of the skin in order to combat the signs of skin aging or photoaging and/or to prevent and/or treat skin disorders induced by an oxidative stress and also a composition comprising an essential oil of Laserpitium siler L.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.131/CAL/2001 A

(19) INDIA

(22) Date of filing of Application :05/03/2001

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 2,3,5-TRIMETHYL-P-BENZOQUINONE

(51) International classification	:C07C 46/08	(71)Name of Applicant :
(31) Priority Document No	:10011405.9	1)DEGUSSA-HULS AKTIENGESELLSCHAFT
(32) Priority Date	:09/03/2000	Address of Applicant :D-60287 FRANKFURT AM MAIN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. RALF MAABEN
(87) International Publication No	: NA	2)DR.STEFFEN KRILL
(61) Patent of Addition to Application Number	:NA	3)DR. KLAUS HUTHMACHER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of 2,3,5-trimethyl-p- benzoquinone by oxidation of 2,3,5- or 2,3,6- trimethylphenol using oxygen or a gas mixture containing oxygen in the presence of a two-phase liquid reaction medium composed of water and a neocarboxylic acid having 8 to 11 carbon atoms with a copper (II) halide-containing catalyst system at elevated temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1401/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : AIR REGULATOR OUTLET FILTER

(51) International classification	:F02M35/02, F02M35/024	(71) Name of Applicant : 1)EATON CORPORATION Address of Applicant :1000 EATON BOULEVARD, CLEVELAND, OHIO 44122, U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAMAKRISHNA BHOGA
Filing Date	:NA	2)SAGAR PINGALE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air pressure regulator outlet filter for an Air Maintenance Technology (AMT) tire includes a filter body to be attached to a housing of an air regulator of the AMT tire. The housing has a cavity to be in fluid communication with an air outlet of the regulator. The cavity is also in fluid communication with a tire cavity of the AMT tire. A filtration media is to block contaminants from entering the cavity while allowing pressurized air to be exhausted through the filtration media into the tire cavity.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1402/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : A TUBING HANGER FOR HANDLING TUBINGS OF OIL WELLS WITH MULTIPLE PORTS FOR EASE OF OPERATION AND CONTROL OF DOWN HOLE OPERATION'

(51) International classification	:E21B 33/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)RAJAMANICKAM ELAYARAJA
(32) Priority Date	:NA	2)MADAN RAUT
(33) Name of priority country	:NA	3)HIRENDRA RAUT
(86) International Application No	:NA	4)RAMACHANDRAN NATARAJAN
Filing Date	:NA	5)KRISHNAMOORTHY SAKETHARAMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a Tubing hanger for handling tubings of oil wells with multiple ports for ease of operation and control of down hole operations, comprising : a hanger body configured with tubing handling bore at least two exit ports for allowing easy installation and retrieval of ESP cables; at least four exit ports additionally provided for four control lines for injection of water and chemicals; wherein a first plurality of pockets are constructed on the top surface of the hanger body for easy installation and retrieval of the control lines through said four exit ports, and wherein a second plurality of pockets is provided on the bottom surface of the hanger body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.364/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : TONER, IMAGE FORMING APPARATUS, IMAGE FORMING METHOD, PROCESS CARTRIDGE, AND DEVELOPER

(51) International classification :G03G9/08,G03G9/087,G03G9/10
(31) Priority Document No :2012-198096
(32) Priority Date :10/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074005
Filing Date :30/08/2013
(87) International Publication No :WO 2014/038644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RICOH COMPANY, LTD.
Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555, Japan
(72)**Name of Inventor :**
1)SUGIURA, hideki
2)NAKAYAMA, Shinya
3)SAWADA, Toyoshi

(57) Abstract :

A toner of the present invention includes at least a colorant and a resin has crystallinity CX or 20 or greater, and has a dynamic viscoelasticity characteristic in which a logarithmic value LogG (50) of storage elastic modulus (Pa) at 50°C is from 6.5 to 8.0 and a logarithmic value LogG (65) of storage elastic modulus (Pa) at 65°C is from 4.5 to 6.0, when the dynamic viscoelasticity characteristic is measured by temperature sweep from 40°C, at a frequency of 1 Hz, at a strain amount control of 0.1%, and at a temperature elevating rate of 2°C/min.

No. of Pages : 111 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3870/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : THROUGH THE DRILL STRING OR CORE BIT DST SYSTEM

(51) International classification	:B24B27/00
(31) Priority Document No	:2010902496
(32) Priority Date	:04/06/2010
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2011/000693
Filing Date	:03/06/2011
(87) International Publication No	:WO/2011/150465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)GRAY Ian
Address of Applicant :93 Colebard St West Acacia Ridge
QLD 4110 Australia
(72)Name of Inventor :
1)GRAY Ian

(57) Abstract :

A drill stem test conducted through the drill string of a wireline coring system using a downhole tool comprising test zone packers, a valve packer, a latching assembly with a dump valve and main valve, all of which are conveyed on the wireline with a communications cable and inflation tube, to seat in the core barrel. Gas pressure drives the liquid level in the drill string down to a suitable test level which is retained by inflating the packer system to seal a valve packer within the drill string, and isolating the test zone using single or dual packers. The compressed gas is relieved from the drill string leaving it unpressurised and with a depressed liquid level therein. A valve can be opened by raising the drill string to induce inward fluid flow, and after a flow period the valve is shut by lowering the drill string. A pressure recovery process then takes place, in which the pressures are measured by downhole transducers and transmitted to surface via the communications cable. Prior to deflation, the drill string is filled with a liquid and the inflation pressure is relieved by pulling on the wireline to open the dump valve in the downhole tool and relieve packer inflation pressure. After a deflation period the wireline is pulled further, thereby releasing the latch assembly and allowing the tool to be pulled to the surface by the wireline, together with the inflation tube and communications cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1447/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : 'A RELIABLE INVERTED STRAP TYPE SUPPORT DEVICE FOR SUPPORTING ONE HORIZONTAL TUBE WITH TWO FLUID COOLED HANGER TUBES'

(51) International classification	:F16L 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI - 110049, West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)IRUDAYADASAN ALBERT WILLIAM
(32) Priority Date	:NA	2)THIAGARAJA LYER RADHAKRISHNAN
(33) Name of priority country	:NA	3)VIJAY KUMAR VERMA
(86) International Application No	:NA	4)KRISHNAN PALANIAPPAN
Filing Date	:NA	5)TARAKESH KANAKALA
(87) International Publication No	: NA	6)MUPATHIKOTTAKAM KUNJITHAPATHAM
(61) Patent of Addition to Application Number	:NA	ARUNAGIRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a reliable inverted strap type support device for supporting one horizontal tube with two fluid cooled hanger tubes comprising at least two vertical fluid cooled hanger tubes (1) placed on both sides of a horizontal tube element (2); two vertical strap plates (3) and two C shaped spacer plates (4) allows fixing of the horizontal tube in between the two vertical hanger tubes; the vertical strap plates (3) configured with a plurality of semicircular holes on both sides of the plates (3), the holes having size larger than the diameter of the tube element allowing the horizontal tube elements to freely move within the holes adjusting the thermal expansion; and the strap plates are welded after inserting one strap plate with the other avoiding any welding between the strap plates with the hanger tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1448/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : NATURAL VENTILATION SYSTEM WITH AIR SPEED CONTROLLED VARIABLE FUNNEL OPENING

(51) International classification	:F24F 3/00	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON, France
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)BIBIN ANDREWS
Filing Date	:NA	2)PRAFULLA MIRAJKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a natural ventilation system capable of being installed in a building including multi-storey. The natural ventilation system includes an air collector unit for collecting fresh air from outside and distributing in a room, an exhaust unit for removing impure air from the room and an air director having an arrow shaped structure attached on top of each of the air collector unit and the exhaust unit. The ducts of the exhaust unit are placed at the roof for collecting the hot humid air and on the floor for collecting lighter gases. The ducts of the air collector unit are kept on the opposite walls mid way between the ducts of the exhaust unit for creating a good air circulation in the room. The ducts of the exhaust unit and the ducts of the air collector unit are configured to have air speed controlled variable funnel opening.

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

(54) Title of the invention : COMPOSITIONS&NBSP; KITS AND METHODS FOR IN VITRO ANTIGEN PRESENTATION&NBSP; ASSESSING VACCINE EFFICACY&NBSP; AND ASSESSING IMMUNOTOXICITY OF BIOLOGICS AND DRUGS

(51) International classification :C12Q 1/00
 (31) Priority Document No :61/179,614
 (32) Priority Date :19/05/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/035355
 Filing Date :19/05/2010
 (87) International Publication No :WO/2010/135394
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAFTARIAN Pirouz Mohammad**2)SERAFINI Paolo****3)LEMMON Vance Paul****4)KAIFER Angel****5)BLOMBERG Bonnie Beth****6)CHOWDHURY Raquibul****7)KENYON Norma**

(57) Abstract :

Nanoparticle-based compositions, assays, kits, methods and platforms for delivering an antigen (peptides, proteins) or a nucleic acid encoding an antigen to professional APCs (PAPCs) result in the generation of autologous APCs that present a natural peptide repertoire of the antigen for use in assessing the efficacy of a vaccine (e.g., a cytotoxic T lymphocyte (CTL) response to a particular antigen) or other therapy or intervention (cell-based therapy, adjuvant therapy, etc.). The compositions, kits, assays and methods also can be used for delivering a drug or biologic or portion thereof to APCs for assessing the immunogenicity of drugs and biologics. The composition, kits, assays and methods involve the combined use of MHC targeting, universal DR binding peptides (e.g., PADRE, HA) with charged (e.g., positively-charged) highly branched polymeric dendrimers (e.g., PAMAM and other dendrimers) as vehicles for the targeted delivery of nucleic acids, peptides, biologics, drugs, or polypeptides to APCs, giving rise to a new nanoparticle-based method for assessing the immune response (CTL response) to a vaccination or other therapy or intervention, or for assessing the immunogenicity of a biologic or drug. Targeted delivery of nucleic acids, peptides, biologics, drugs, or polypeptides to APCs for effective expression and processing generates more physiologically relevant target antigens for evaluation of cell-mediated immune responses to vaccination, for example, and provides a low-cost approach for rapid generation of reagents and development of assay systems for more accurate profiling of immunological responses to infection, immunization, and other therapies or interventions. Immunoevaluation kits using targeted nanoparticle-based antigen delivery are described.

No. of Pages : 106 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : THREE-DIMENSIONAL OBJECT DETECTION DEVICE AND THREE-DIMENSIONAL OBJECT DETECTION METHOD

(51) International classification :H04N7/18,B60R1/00,B60R11/04
(31) Priority Document No :2012-166517
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070222
Filing Date :25/07/2013
(87) International Publication No :WO 2014/017600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku,
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(72)**Name of Inventor :**
1)Osamu FUKATA
2)Yasuhisa HAYAKAWA

(57) Abstract :

This three-dimensional object detection device is characterized by being provided with: a three dimensional object detection means (33) that detects three-dimensional objects on the basis of a captured image and detects the speed of motion of three-dimensional objects; a light source detection means (35) that detects light sources corresponding to the headlights of another vehicle; and a control means (37) that when light sources corresponding to the headlights of another vehicle are not detected when the speed of motion of a three-dimensional object is no greater than the speed of motion of the vehicle of the device, or when the difference between the speed of motion of a three-dimensional object and the speed of motion of the vehicle of the device is less than a predetermined value, suppresses the detection of three dimensional objects on the basis of difference waveform information.

No. of Pages : 84 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3851/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD OF PRODUCING RUST INHIBITIVE SHEET METAL THROUGH SCALE REMOVAL WITH A SLURRY BLASTING DESCALING CELL

(51) International classification	:B24B 1/00
(31) Priority Document No	:12/418,852
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026595
Filing Date	:09/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)VOGES Kevin C.

2)MUETH Alan R.

(57) Abstract :

A method is provided for removing iron oxide scale from sheet metal and producing a sheet metal surface with rust inhibitive properties. The sheet metal is advanced through the descaling cell and a slurry mixture is propelled against at least one of the top surface and bottom surface of the sheet metal across the sheet metal width as the material is advanced through the descaling cell. The rate of slurry impact against the at least one of the top surface and bottom surface of the sheet metal is controlled in a manner to remove substantially all of the scale from a surface of the sheet metal, and in a manner to create a passivation layer on the descaled surface of the sheet metal. The passivation layer comprises at least one of silicon, aluminum, manganese and chromium and inhibits oxidation of the descaled surface of the processed sheet metal.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4774/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD&NBSP; EQUIPMENT AND SYSTEM FOR REDUCING MEDIA DELAY

(51) International classification :H04N 7/24
(31) Priority Document No :200910108543.4
(32) Priority Date :30/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074110
Filing Date :19/06/2010
(87) International Publication No :WO/2011/000270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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China
(72)**Name of Inventor :**
1)YANG Peilin;
2)SUN Bing;
3)WANG Yekui;

(57) Abstract :

A method, an equipment and a system for reducing a media delay are disclosed. A media processing unit receives a media switching request sent from a media receiving unit, and sends a response message and a media stream of a second media service to the media receiving unit according to the media switching request, where the response message includes information for the media receiving unit to reduce the media delay, so that the media receiving unit performs a media quickening process on the media stream of the second media service according to the received message including the information for reducing the media delay. An equipment and a system for reducing a media delay are also provided, which increase the switching efficiency of the media streams, reduce the difference of the display delay among different user media, and improve the degree of user experience.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4776/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPUTER SYSTEM AND METHOD FOR CREATING AT LEAST ONE MACHINE-READABLE FILE FOR A MEDICAL TREATMENT APPARATUS

(51) International classification	:G06F17/30
(31) Priority Document No	:10 2009 018 806.1
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002492
Filing Date	:22/04/2010
(87) International Publication No	:WO/2010/121820
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BRÜGGERHOFF Arnd
2)GRÜNDKEN Martin
3)RIPKEN Andreas

(57) Abstract :

The invention proposes a computer system for creating at least one machine-readable file for a medical treatment apparatus, with a database for providing at least one parameter set, an input device (14) for inputting data regarding the flow behavior of the medical treatment apparatus as parameter set; an output device (16) for creating and outputting a flow definition output file (20) taking into account the input data; and a converting device (22) for creating at least one machine-readable file (52, 54) or machine-readable data in a storage medium utilizing at least the parameter set. Further, a corresponding method, a data medium and a medical apparatus are specified.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4777/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : RETAINING MEANS FOR RETAINING AN EXTERNAL FUNCTIONAL MEANS ON A TREATMENT APPARATUS&NBSP; EXTERNAL FUNCTIONAL MEANS&NBSP; AND TREATMENT APPARATUS

(51) International classification	:F16L 3/22
(31) Priority Document No	:10 2009 018 664.6
(32) Priority Date	:23/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002493
Filing Date	:22/04/2010
(87) International Publication No	:WO/2010/121821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HÄCKER Jürgen
2)LAPP Uwe

(57) Abstract :

The invention relates to a holding device (100) for holding at least one external functional unit (300), which has at least two hose connections (7, 9), on a treatment device (200), said holding device (100) having at least two stops that limit the rotation of the external functional unit (300) inside the holding device (100). The invention also relates to an external functional unit (300) and to a treatment device (200).

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1396/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEDICAMENT COMPOSITION FOR VETERINARY USE AND PROCESS OF PREPARING THEREOF

(51) International classification	:A61K 36/00	(71)Name of Applicant : 1)KANAI LAL PRAMANIK
(31) Priority Document No	:NA	Address of Applicant :M/S INDIAN PLANT & FRUITS
(32) Priority Date	:NA	AYURVEDIC MEDICINE MFG UNIT, VILL- KHISMA
(33) Name of priority country	:NA	MANIKTALA, PO:-BYASPUR, PS:-TAHERPUR,PIN:-741127
(86) International Application No	:NA	WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANAI LAL PRAMANIK
(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 synergistic medicament composition for veterinary use. More particularly, the present invention relates to the medicament composition for treatment of liver, anorexia, nutrition, fever etc which is prepared by grinding and mixing of Apan and sopan, Bhumi Kumra,extract of pan, pathar kunchi, paddha gulancha, Agunjala etc which are roasted in sun rays. Moreover this invention also relates to the process of preparing the above medicament composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.321/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : APPARATUS FOR MEASURING THE TOPOGRAPHY AND THICKNESS OF THE CORNEA AND MEASURING METHOD USED

(51) International classification	:A61B3/107
(31) Priority Document No	:P201231191
(32) Priority Date	:25/07/2012
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2013/070467
Filing Date	:03/07/2013
(87) International Publication No	:WO 2014/016454
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MARCOS MUÑOZ, Juan José

(57) Abstract :

Apparatus for measuring the topography and thickness of the cornea and measuring method used, the apparatus comprising a system (1) for following the line of sight (D) of the eyes (2) which includes a camera (6) and a diffused light emitter (7) for each eye (2); a system (3) for inspecting the cornea (4), which comprises a light emitter (8) for each eye (2) that emits light beams (9) onto the cornea (4) and a receiver assembly (10) that receives the light reflected by the cornea (4); a system for displaying visual stimuli (13) in front of the eyes (2); and a computer (5) that controls the light emitters (7, 8) and the system for displaying visual stimuli (13), and processes the information from each camera (6) and from the receiver assembly (10), to determine the topography and thickness of the cornea (4) of each eye (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.366/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : NEW AND IMPROVED BICYCLE PEDAL MECHANISM

(51) International classification :B62M3/08,B62M5/00,B62M1/00
(31) Priority Document No :2012902965
(32) Priority Date :11/07/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000766
Filing Date :10/07/2013
(87) International Publication No :WO 2014/008546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)ANDREWS, William

(57) Abstract :

A pedal assembly mountable on a bicycle crank arm associated with a bicycle drive assembly; the pedal assembly comprising: a pedal which is operably connected to a retaining member; the retaining member including a first end and a second end and on one side a spigot which engages the crank arm to enable support of the pedal assembly by the crank arm; the pedal including a first connection which engages the first end of the retaining member and a-second connection which engages the second end of the retaining member, wherein the first and second connections allow the pedal to move relative to the retaining arm during rotation of the crank arm.

No. of Pages : 49 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4771/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD&NBSP; DEVICE&NBSP; AND SYSTEM FOR REMOTELY ACQUIRING USER PHYSIOLOGICAL DETECTION DATA

(51) International classification	:G06F 19/00
(31) Priority Document No	:200910109932.9
(32) Priority Date	:30/10/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077173
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/050668
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)XU Zhongqing;

2)WEN Changcheng;

3)WANG Bingfu;

(57) Abstract :

A method, a device, and a system for remotely acquiring user physiological detection data are provided according to embodiments of the present invention. The method includes: receiving detection related information sent by handheld equipment, in which the detection related information includes user identity (ID) information and equipment positioning information; sending a detection start instruction to corresponding medical detection equipment according to the equipment positioning information; receiving user physiological detection data sent by the medical detection equipment, in which the user physiological detection data is associated with an equipment ID of the medical detection equipment; and binding and sending the user physiological detection data and the associated user ID information according to associative information of the user ID information and the equipment ID of the medical detection equipment.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4773/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD&NBSP; APPARATUS AND SYSTEM FOR TWO-NODE CLUSTER HOT BACKUP

(51) International classification :H04L 12/26
(31) Priority Document No :200910108021.4
(32) Priority Date :09/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073413
Filing Date :01/06/2010
(87) International Publication No :WO/2010/142210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)XIE Ying;

(57) Abstract :

A method, an apparatus and a system for two-node cluster hot backup is provided. A second network node configures a redundancy protocol with a first network node at an access port to negotiate an active/standby relationship between each local access port and each access port of the first network node, releases a route of a network segment of a user, where the network segment of the user is the same as a network segment of a user to which a route released by the first network node belongs, establishes or specifies a protection channel with the first network node, synchronizes user information with the first network node, and when the first network node has a failure, performs service switching according to the redundancy protocol, and sends a downstream traffic to the user according to the user information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.18/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :04/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : INSULATED ROOF SYSTEM

(51) International classification	:B60J 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OWENS CORNING INTELLECTUAL CAPITAL, LLC
(32) Priority Date	:NA	Address of Applicant :One Owens Corning Parkway, Toledo, Ohio 43659, U. S. A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Satyen Ramchandra Jujam
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 insulated roof tile assembly comprising a foam layer comprising a rigid foam insulation board comprising a top surface and a bottom surface, wherein the rigid foam insulation board comprises drainage channels disposed along the bottom surface and wherein the rigid foam board comprises bonding channels disposed along the top surface and a concrete layer disposed atop the foam layer wherein the concrete layer engages with the bonding channels of the foam layer.

No. of Pages : 14 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3597/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : SLOT-MILLING TOOL AND SLOT-MILLING INSERT FOR A SLOT-MILLING TOOL

(51) International classification	:B23C5/08
(31) Priority Document No	:0950124-8
(32) Priority Date	:05/03/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050234
Filing Date	:01/03/2010
(87) International Publication No	:WO/2010/101516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :S-737 82 Fagersta Sweden
(72)**Name of Inventor :**
1)EJDERKLINT Christer

(57) Abstract :

A slot-milling tool includes a slot-milling insert to be on-edge mounted to a tool holder of the slot-milling tool. The insert includes a first side surface, a second side surface, and a plurality of edge surfaces between the first and second side surfaces, each edge surface intersecting with another edge surface at a corner and forming a cutting edge. The first and second side surfaces each have a side insert supporting surface for abutting against an abutment surface in a tool holder, and the insert has reflective symmetry about a central plane extending through the edge surfaces midway between the first and second side surfaces. A chipbreaker is provided on each edge surface and corresponds to each cutting edge, and each chipbreaker includes a recess beneath the cutting edge and a portion projecting toward the cutting edge, the projecting portion defining first and second chip deflecting recesses between the projecting portion and the first and second side surfaces, respectively.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3598/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : SEATING STATUS DETECTION APPARATUS AND OCCUPANT MONITORING SYSTEM FOR A MOVING BODY

(51) International classification	:B60R21/015
(31) Priority Document No	:2009-026541
(32) Priority Date	:06/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051818
Filing Date	:08/02/2010
(87) International Publication No	:WO/2010/090321
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OTSU Masahiro
2)YAMADA Kota

(57) Abstract :

Disclosed are a seating status sensing device, which can identify occupants from other objects and can sense the seating status of occupants, without using an optical camera, in a moving body, such as a car, and an occupant monitoring system for moving bodies that is equipped with this seating status sensing device. A seating status sensing device is equipped with an antenna element, for receiving thermal noise emanating from occupants sitting in the seats of a moving body, and a recognition means that recognizes occupants sitting in the seats from the level of thermal noise received by said antenna element. An occupant monitoring system for moving bodies is disposed in a moving body and is an occupant monitoring system that monitors the status of the occupants riding in said moving body, wherein a seating status sensing device is provided for a multiplicity of seats, in which an occupant that will be the subject of monitoring, will sit, and a monitoring device, which is provided near the seat of a supervisor operating said moving body, acquires, according to the input command of the supervisor, occupant recognition results from the recognition means that constitutes the various seating status sensing devices, and reports said acquisition results to the supervisor.

No. of Pages : 73 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN ELEVATOR LINE BRIDGE FILTER FOR COMPENSATING REACTIVE POWER IN A GRID

(51) International classification	:B66B1/34 H02M1/42	(71)Name of Applicant : 1)KONE CORPORATION
(31) Priority Document No	:13182791	Address of Applicant :KARTANONTIE 1 00330 HELSINKI
(32) Priority Date	:03/09/2013	FINLAND
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)NIKANDER, JUHAMATTI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and an electrical converter of an elevator. In the method a controller of the electrical converter determines a first reactive power produced by a smoothing filter using pre-determined information on impedance of the smoothing filter. The controller may also receive information on a second reactive power from a remote node over a communication channel, the second reactive power being produced to a grid. The controller adds the first reactive power and the second reactive power to yield a total reactive power. The controller requests the electrical converter to make a plurality of compensative connections in the converter matrix to compensate the first reactive power or the total reactive power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED METHOD OF FLUIDIZING STEEL MAKING LADLE TOP SLAG.

(51) International classification	:C21C 7/00	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, P.O.: DORANDA, RANCHI- 834002 STATE OF JHARKHAND
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR SOMNATH
(87) International Publication No	: NA	2)KESHARI KIRAN KUMAR
(61) Patent of Addition to Application Number	:NA	3)GANVIR ANAND
Filing Date	:NA	4)GHOSH SOMNATH
(62) Divisional to Application Number	:NA	5)KHANNA YOGESH KUMAR
Filing Date	:NA	6)KAIPULLY BHASKARAN SUNIL
		7)MYLAVARAPU RAVI

(57) Abstract :

The present invention relates to a method of fluidizing steelmaking ladle top slag comprising the steps of preparing a mixture of synthetic flux having composition of Al₂O₃ 38 %, SiO₂ 12 % & CaO 45 % in the ratio of 2kg flux per ton of crude steel, pouring 50% quantity of the said mixture of flux after filling 1/3rd of the ladle with molten steel, pouring remaining 50% quantity of the said mixture of flux after filling 2/3rd of the ladle with molten steel, and filling the rest 1/3rd of the ladle with molten steel for slag formation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1463/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS OF IN-SITU COATING OF PELLETS IN AN INDURATION FURNACE

(51) International classification	:C22B 1/00	(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, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHARM JEET GAVEL
(61) Patent of Addition to Application Number	:NA	2)ARIJIT BISWAS
Filing Date	:NA	3)PAVAN KUMAR BIJALWAN
(62) Divisional to Application Number	:NA	4)SAMIK NAG
Filing Date	:NA	5)SRINIVAS DWARAPUDI

(57) Abstract :

The invention relates to an WPEPs Waste Polymer Encapsulated Pellets are developed by effectively utilizing the waste polymers and carry over heat of pre-cooked pellets in an induration furnace during pelletizing. Waste polymer encapsulated pellets has shown strong character to reduce industrial dust emission as WPEP has 95% higher abrasion resistance and 10% higher cold compression strength as compared to the conventional pellets. WPEP usage in iron production will result in reduction of environmental polymeric solid waste and metallurgical fuel requirement. The process involves making design modification in the induration furnace where a polymer charging system is attached to the cooling zone 2 of the induration furnace and a swinging blanking plate is attached on the lower side to stop the air flow during charging of the shredded polymer pieces in to the cooling zone 2.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4907/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/12/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND SYSTEM AND DEVICE FOR TRANSMITTING SYNCHRONOUS DIGITAL HIERARCHY SIGNALS THROUGH MICROWAVE

(51) International classification	:H04B 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2010/075855
Filing Date	:10/08/2010
(87) International Publication No	:WO2011/085587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ZHANG Yihua;
3)TU Yongjun;
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5)QI Kai;

(57) Abstract :

In the field of communications, a method, a system and a device for transmitting SDH signals through microwave are disclosed. The method includes: demapping, by a microwave source device, SDH signals received in a microwave frame period to obtain service information, values of positive adjustment states, and values of negative adjustment states, where the service information is asynchronously mapped to the SDH signals by bit by using the values of positive adjustment states and the values of negative adjustment states; generating adjustment frequency information according to the values of positive adjustment states and the values of negative adjustment states; and transmitting the service information obtained through the demapping and the generated adjustment frequency information to a microwave destination device. The microwave source device only transmits the service information and the adjustment frequency information to the microwave destination device, so that long-chain networking transmission can be implemented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1468/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED PICKLING BATH HEATING SYSTEM FOR SULPHURIC ACID PICKLING LINE

(51) International classification	:C23G	(71)Name of Applicant :
(31) Priority Document No	1/00	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, P.O.:DORANDA, RANCHI-
(86) International Application No	:NA	834002 STATE OF JHARKHAND, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THAKUR SUMAN KANT
(61) Patent of Addition to Application Number	:NA	2)MARIK APURBA KUMAR
Filing Date	:NA	3)RATH SUSHANT
(62) Divisional to Application Number	:NA	4)SENGUPTA PARTHA PRATIM
Filing Date	:NA	5)DATTA RAMEN
		6)DAS NIHAR RANJAN

(57) Abstract :

The present invention relates to an improved bath heating system for sulphuric acid pickling line comprising of a tantalum shell & tube heat exchanger, an automatic temperature control arrangement, and a flushing arrangement to clean the tantalum heat exchanger.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1469/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A FRAMELESS FULLY SUSPENDED,230 KW AC TRACTION MOTOR FOR STANDARD AND BROAD GAUGE EMU/METRO APPLICATION.

(51) International classification	:H02K	(71)Name of Applicant :
	5/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BASANT TAMRAKAR
Filing Date	:NA	2)DEEPAK KHANGAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a frameless, fully suspended, self-ventilated three phase AC traction motor for EMU and metro application, comprising : a stator core built from steel laminations insulated from each other, held together under pressure between stator end chambers at both sides and welded with four rectangular steel bars; a plurality of double layer LAP wound stator coils, having single parallel path, housed in slots of stator core; a rotor core built from steel laminations insulated from each other assembled under pressure on shaft between rotor end plates; multiple copper bars of half round rectangular cross section, inserted in each slot of the rotor core and brazed together at both the ends with short circuit rings; an aluminium fan mounted on shaft at driving end of the motor; a terminal box welded at top of the stator core at non-driving end side; end shields spigoted and bolted to said stator end chambers at both the ends; and roller bearings at driving end and ball bearings at non-driving end provided with labyrinths to prevent contamination of lubricants by dirt and moisture.

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

(54) Title of the invention : 'A DEVICE TO DETERMINE THE SKEW ANGLE AND PROBE ANGLE OF AN ANGLE BEAM PROBE CORRESPONDING TO THE CHANGES IN SKEW ANGLE AND PROBE ANGLE DUE TO WEAR AND TEAR OF THE PROBE'

(51) International classification	:G01B	(71)Name of Applicant :
	11/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SAMBANDA GUNASEKAR
Filing Date	:NA	2)RAJANABABU RAVIBHARATH
(62) Divisional to Application Number	:NA	3)NARASIMHAN RAJU
Filing Date	:NA	

(57) Abstract :

The invention relates to a device to determine the skew angle and probe angle of an angle beam probe corresponding to the changes in skew angle and probe angle due to wear and tear of the probe, comprising : a single block having a curvature between 90 to 100 mm with a slot having a depth between 7.5 to 8.5 mm in the curvature, the slot allowing fixing of the skew angle of the probe due to provision of a substantial accurate reflection without any corner reflection; the skew angle determined allows a substantially accurate swiveling angle of the probe during the weld scanning of the welding component; the actual angle of the probe subsequent to the wear and tear of the probe along the points of 45, 60 and 70 degrees including the minor deviations; resolution capability of the probe is determined based on change in the dimension of holes (H1, H2, H3) due to wear and tear; and the beam profile of the probe is allowed to be determined by applying the values of the holes which is present at different depths from the surface of the welding components.

No. of Pages : 10 No. of Claims : 1

(54) Title of the invention : WAFER LEVEL LIGHT-EMITTING DIODE ARRAY AND METHOD FOR MANUFACTURING SAME

(51) International classification	:H01L33/36	(71)Name of Applicant :
(31) Priority Document No	:10-2012-0086329	1)SEOUL VIOSYS CO., LTD.
(32) Priority Date	:07/08/2012	Address of Applicant :1B-36, 727-5, Wonsi-dong, Danwon-
(33) Name of priority country	:Republic of Korea	gu, Ansan-si, Gyeonggi-do 425-851 Republic of Korea
(86) International Application No	:PCT/KR2013/007091	(72)Name of Inventor :
Filing Date	:06/08/2013	1)JANG, Jong Min
(87) International Publication No	:WO 2014/025195	2)CHAE, Jong Hyeon
(61) Patent of Addition to Application		3)LEE, Joon Sup
Number	:NA	4)SUH, Dae Woong
Filing Date	:NA	5)ROH, Won Young
(62) Divisional to Application Number	:NA	6)KANG, Min Woo
Filing Date	:NA	7)KIM, Hyun A

(57) Abstract :

Disclosed are a wafer level light-emitting diode array and a method for manufacturing same. The light-emitting diode array includes: a growth substrate; a plurality of light-emitting diodes aligned on the substrate, wherein each of the plurality of light emitting diodes includes a first semiconductor layer, an active layer, and a second semiconductor layer; and a plurality of upper electrodes aligned on the plurality of light emitting diodes and formed of the same material as each other, wherein the plurality of upper electrodes are electrically connected to the first semiconductor layer of the corresponding light emitting diode. Also, at least one of the upper electrodes is electrically connected to the second semiconductor layer of the light-emitting diode adjacent thereto, and the other one of the upper electrodes is insulated from the second semiconductor layer of the light-emitting diode adjacent thereto. Thus provided is a light-emitting diode array that is capable of operating at a high voltage and has a simplified manufacturing process.

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : DAMPING ARRANGEMENT FOR HIGH VOLTAGE SWITCHING EQUIPMENT

(51) International classification	:B41F	(71)Name of Applicant :
(31) Priority Document No	7/00	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:NA	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Satish Bhalerao
(87) International Publication No	: NA	2)Sanjay Bhure
(61) Patent of Addition to Application Number	:NA	3)Amol Gaikwad
Filing Date	:NA	4)Ashish Gaikwad
(62) Divisional to Application Number	:NA	5)Srinivas Gopa
Filing Date	:NA	6)Amit Shende
		7)Rahul Talegaonkar

(57) Abstract :

A circuit breaker having a first contact and a second contact is disclosed. The circuit breaker comprises at least one damper piston that is connected with the second contact and at least one damper cylinder in which the at least one damper piston moves. The circuit breaker also includes at least one opening damper in contact with the at least one damper cylinder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : WATER LEVEL DETECTOR FOR DIESEL FILTERS

(51) International classification	:B01D53/96	(71)Name of Applicant :
(31) Priority Document No	:U201430018	1)ZERTAN, S.A.
(32) Priority Date	:07/01/2014	Address of Applicant :AVDA. DE VILLATUERTA 35 BJ
(33) Name of priority country	:Spain	31132 VILLATUERTA, NAVARRA SPAIN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SERGIO DíEZ GARCÍA
(87) International Publication No	: NA	2)JAVIER GARCÍA IZAGUIRRE
(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 water level detector for diesel filters formed by a body (1) which is coupled in a threaded assembly with respect to a drain opening of a water collecting cup (4) of the filter of application, incorporating a gasket (5) arranged around the threaded coupling in a housing (6) having an outer wall (7) with a height that allows flattening the gasket (5) when tightening the threaded assembly to a degree in which said outer wall (7) abuts with the cup (4), the housing (6) closing thereon, such that it prevents outward expansion of the gasket (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.375/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : IMPROVED METHODS FOR TREATING CANCER WITH REDUCED RENAL TOXICITY

(51) International classification :A61K9/127,A61K33/24,A61K31/337
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/050630
Filing Date :13/08/2012
(87) International Publication No :WO 2014/027996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOULIKAS, Teni
Address of Applicant :c/o Regulon, Inc., 249 Matadero Avenue, Palo Alto, California 94306 U.S.A.
(72)Name of Inventor :
1)BOULIKAS, Teni
2)STATHOPOULOS, GEORGE

(57) Abstract :

A method is provided for inhibiting the growth of a tumor in a cancer patient or treating a cancer patient, wherein the cancer patient has renal insufficiency. The method requires the administration of an effective amount of Lipoplatin. A second chemotherapeutic drug can also be administered to the patient. The second chemotherapy can be administered prior to or after the Lipoplatin therapy or simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4/KOL/2014 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : AIR MOVEMENT APPARATUS WITH IMPROVED AIR BLENDING

(51) International classification	:F24F	(71)Name of Applicant :
	5/00	1)LASKO HOLDINGS INC.
(31) Priority Document No	:NA	Address of Applicant :103 FOULK ROAD, SUITE 200
(32) Priority Date	:NA	WILMINGTON, DE 19803 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)IYER VASANTHI
Filing Date	:NA	2)LEWIS WILLIAM
(87) International Publication No	: NA	3)LEE PHILLIP
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable air movement apparatus with improved air blending is provided, having a housing, an air generator, an air outlet, and an ambient air passageway through the housing of the device. The impeller and other components, such as the heating element, are disassociated from the location of the air outlet, allowing for the ability to use more than one air outlet, which serves to spread the air stream over a greater area. The disassociation of the impeller and other components from the air outlet also minimizes the housing size required near the air outlet, thereby allowing ambient air to be entrained in the air flow produced by the apparatus. As such, the apparatus moves more room air through the apparatus and more rapidly blends the air into the entire area or room.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.329/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUPERKINES AND SYNTHEKINES: REPURPOSED CYTOKINES WITH NEW AND ENHANCED SIGNALING ACTIVITIES

(51) International classification :A61K38/20,C07K14/54,A61P37/02
(31) Priority Document No :61/681,490
(32) Priority Date :09/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054164
Filing Date :08/08/2013
(87) International Publication No :WO 2014/074186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Address of Applicant :1705 El Camino Real, Palo Alto, CA 94306-1106 U.S.A.
(72)Name of Inventor :
1)GARCIA, Christopher, K.
2)BATES,, Darren L.
3)MORAGA, Ignacio

(57) Abstract :

Disclosed herein are IL-4 cytokine compositions with enhanced biological activity having increased selectivity for IL-4 cytokine receptors, and methods for their use. These compositions encompass interleukin-4 (IL-4) muteins. The disclosed methods encompass administering an IL-4 to treat neoplastic diseases, autoimmune diseases, infectious diseases or for expanding a hematopoietic cell population.

No. of Pages : 81 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ERROR CORRECTION IN ANGULAR POSITION SENSORS

(51) International classification :B60W50/02,B60W50/04,G01B21/22
(31) Priority Document No :61/691,482
(32) Priority Date :21/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032064
Filing Date :15/03/2013
(87) International Publication No :WO 2014/031166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALLISON TRANSMISSION, INC.
Address of Applicant :One Allison Way, Indianapolis, IN 46222 U.S.A.
(72)Name of Inventor :
1)WALTERS, James, E.
2)KREFTA, Ronald, J.

(57) Abstract :

A system and method for controlling a rotating E machine and for correcting a rotational position signal output by an angular position sensor operatively connected to the E machine in conjunction with a sensor digital converter is disclosed. For each angular operating speed of interest, a set of signals as a function of position is taken such that the harmonics (or sub-harmonics) related to the position sensor may be determined and isolated from errors due to an associated digital converter. From this information, the magnitude and phase of the position sensor harmonics is determined. The effects of the sensor digital converter (or other signal processing equipment) are then determined and accounted for, allowing the control system to apply the total position error signal to the position sensor output signal to determine a corrected position sensor signal for use in controlling the E machine.

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4925/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING A GROUP OF PHOTOVOLTAIC GENERATORS

(51) International classification :H01L 31/00

(31) Priority Document No :61/177,295

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/IL2010/000371

Filing Date :09/05/2010

(87) International Publication No :WO/2010/131245

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RAMOT AT TEL AVIV UNIVERSITY LTD.

Address of Applicant :POB 39296 61392 Tel Aviv Israel.

(72)Name of Inventor :

1)NIMNI Yigal

2)SHLOMOVITZ Doron

(57) Abstract :

A method for controlling a group of photovoltaic energy generators the method includes providing to a junction that is coupled to a component of a first photovoltaic energy generator (PEG) power generated by at least a second PEG such as to increase the power that is generated from the group of photovoltaic energy generators (PEGs); wherein the group of PEGs comprises the first PEG and the second PEG.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2836/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :06/07/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMPOSITION COMPRISING EGG WHITE-CHALCANTHITE FOR PREVENTING OR TREATING CANCER

(51) International classification :A61K 33/34
(31) Priority Document No :10-2008-0136873
(32) Priority Date :30/12/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/004508
Filing Date :12/08/2009
(87) International Publication No :WO/2010/076937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CHOI Eun A

Address of Applicant :595-50 Yongpyeong-ri Hamyang-eup
Hamyang-gun Gyeongsangnam-do 676-805 Republic of Korea

(72)Name of Inventor :

1)CHOI Eun A

(57) Abstract :

The present invention relates to compositions for preventing and treating cancer containing egg whites combined with blue vitriol. More specifically, the present invention relates to: the compositions which comprise the detoxified egg whites combined with blue vitriol individually, or together with the mixture of bamboo salts and egg whites combined with blue vitriol, wherein the egg whites combined with blue vitriol are produced by mixing egg whites with blue vitriol; and a preparation method thereof. The compositions containing the egg whites combined with blue vitriol have improved anticancer activity, and therefore can be valuably used for a pharmaceutical preparation for preventing and treating cancer and manufacturing functional health food.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.328/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSRECEIVING DOWNLINK SIGNAL BY CONSIDERING ANTENNA PORT RELATIONSHIP IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/26,H04B7/04
(31) Priority Document No :61/709,975
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/008872
Filing Date :04/10/2013
(87) International Publication No :WO 2014/054901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721 Republic of Korea
(72)**Name of Inventor :**
1)PARK, Jonghyun
2)SEO, Inkwon
3)SEO, Hanbyul
4)KIM, Kijun
5)YANG, Suckchel

(57) Abstract :

The present invention relates to a wireless communication system, and more specifically disclosed are a method and an apparatus for transmitting or receiving a downlink signal by considering an antenna port relationship. A method for user equipment decoding an enhanced physical downlink control channel (EPDCCH) in the wireless communication system, according to one embodiment of the present invention comprises the steps of: determining from a downlink subframe a reference element (RE) on which the EPDCCH is mapped; and decoding the EPDCCH based on the RE on which the EPDCCH is mapped. At least one EPDCCH physical resource block (PRB) set for monitoring the EPDCCH can be established for the user equipment, wherein a parameter set for each of the at least one EPDCCH PRB set is indicated by an upper layer and the RE on which the EPDCCH is mapped can be determined based on the parameter set indicated by the upper layer.

No. of Pages : 108 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : MEDICAL PROCEDURE MONITORING SYSTEM

(51) International classification	:A61F5/58,H04R29/00	(71)Name of Applicant :
(31) Priority Document No	:61/671,922	1)SURGICAL SAFETY SOLUTIONS, LLC
(32) Priority Date	:16/07/2012	Address of Applicant :225 Franklin Street 26th Floor, Boston,
(33) Name of priority country	:U.S.A.	MA 02110 U.S.A.
(86) International Application No	:PCT/US2013/050690	(72)Name of Inventor :
Filing Date	:16/07/2013	1)MARON, Jason
(87) International Publication No	:WO 2014/014916	2)ZENATI, Marco
(61) Patent of Addition to Application	:NA	3)WAGNER, David W.
Number	:NA	4)FLAHERTY, R., Maxwell
Filing Date	:NA	5)FLAHERTY, J., Christopher
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for monitoring a medical procedure performed in a clinical environment is provided. An audio recorder is configured to produce a verbal data signal that is representative of a verbal communication occurring in the clinical environment and a data analyzer is configured to detect an adverse condition based upon the verbal data signal. An alert module is configured to alert an operator upon the detection of an adverse condition.

No. of Pages : 74 No. of Claims : 256

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3542/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : ROTATING TOOL

(51) International classification	:B23C5/06
(31) Priority Document No	:0950110-7
(32) Priority Date	:03/03/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050224
Filing Date	:26/02/2010
(87) International Publication No	:WO/2010/101513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SECO TOOLS AB
Address of Applicant :S-737 82 Fagersta Sweden
(72)**Name of Inventor :**
1)DURAND-TERRASSON Alain

(57) Abstract :

A rotating tool includes a plurality of elongated members, and a support for holding the elongated members relative to an axis of rotation of the tool, wherein a guiding pad (57) extends from at least one of the elongated members (23).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3543/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : BATTERY MODULE

(51) International classification	:H01M10/50
(31) Priority Document No	:10 2009 006 465.6
(32) Priority Date	:28/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000355
Filing Date	:21/01/2010
(87) International Publication No	:WO/2010/086119
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LI-TEC BATTERY GMBH

Address of Applicant :Am Wiesengrund 7 01917 Kamenz

Germany

(72)Name of Inventor :

1)LACHENMEIER Walter

2)SCHAEFER Tim

3)GUTSCH Andreas

(57) Abstract :

Battery module (1), comprising an electric cell (6), a module housing (2) which receives the electric cell (6), two or more, in particular four or six contacting units (4) which are attached to the module housing (2), wherein each of the contacting units (4) has at least two connections (5).

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1407/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : AL-MG-MN ALLOY COATED AND COATED STEEL SUBSTRATE WITH EXCELLENT CORROSION PROPERTIES

(51) International classification	:C23C 2/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAMSHEDPUR-831001,,Jharkhand
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEBABRATA PRADHAN
Filing Date	:NA	2)MANINDRA MANNA
(87) International Publication No	: NA	3)MONOJIT DUTTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is related to an Al-Mg-Mn alloy coated steel sheet having excellent corrosion behaviour compared to galvanized (GI)/galvannealed (GA) steel and superior sacrificial corrosion properties in comparison with commercial aluminized steels. The alloy coating as per the current invention comprises, in weight %, 95 to 98 % of Al, 2 to 4 % of Mg, 0.75 to 1.25 % of Mn, and optionally one or more elements selected from the group consisting of Si: 0.05-0.2%, Sn: 0.01-0.1%, Fe: 0.1-0.3%, Ni: 0.01-0.02%, Zn: 0.01-0.2%, with the remainder consisting of unavoidable impurities. The coating consists of broadly two layers: outer Al-Mg-Mn alloy layer and inner finger-like Al-Fe intermetallic layer. The Fe-Al intermetallic layer further consists of two layers: outer FeAl₃ and Al-Mn alloy layers and inner Fe₂Al₅ layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1408/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A HOT-ROLLED HIGH STRENGTH MICRO-ALLOYED STEEL WITH YS/UTS $\leq$ 0.8 FOR AUTOMOTIVE APPLICATIONS

(51) International classification	:C22C 38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JAMSHEDPUR-831001,,Jharkhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)IIT, KHARAGPUR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBRATA MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)SAURABH KUNDU
Filing Date	:NA	3)SUMIT PAUL
(62) Divisional to Application Number	:NA	4)DEBALAY CHAKRABARTI
Filing Date	:NA	

(57) Abstract :

The invention relates to a process of producing hot-rolled high strength steel for automotive application with YS $\leq$ 400 MPa, UTS $>$ 500 MPa, %EI $>$ 40, YS/UTS $\leq$ 0.8. The steel composition as per the current invention comprises, in terms of weight %, Carbon (C) $\leq$ 0.07, Manganese(Mn) $\leq$ 2.5, Sulphur(S) $\leq$ 0.012, Phosphorous(P) $\leq$ 0.12, Silicon(Si) $\leq$ 0.5, Aluminum(Al) $\leq$ 0.1, Nitrogen(N) $\leq$ 0.02, Vanadium(V) $\leq$ 0.1, remainder being iron and unavoidable impurities. The method of manufacturing the hot-rolled steel according to the present invention consists of a steel making by air induction furnace followed by ingot casting. Finally, the ingot was forged, hot rolled and coiling simulation was done using a salt bath furnace. A lower YS/UTS ratio was achieved through relatively larger ferrite grains ($>6 \mu\text{m}$) and pearlite phases (10 -15 %).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3929/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : PAGING METHOD&NBSP; APPARATUS&NBSP; AND SYSTEM FOR MULTI-CARRIER CELL

(51) International classification	:H04W 68/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/070828
Filing Date	:17/03/2009
(87) International Publication No	:WO/2010/105406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO. LTD.

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Bantian Longgang District Shenzhen Guangdong 518129
China

(72)Name of Inventor :

1)WANG Jun;

2)WANG Xuelong;

3)HUANG Ying;

(57) Abstract :

A paging method for multi-carrier frequency cell includes: receiving the paging message transmitted by the core network device, the paging message carries the user device information (101); obtaining the carrier frequency serving the user device according to the user device information, and performing the paging to the user device on the carrier frequency (102). By the method above, the waste of common paging resource is avoided which is caused by paging on all the carrier frequency in the multi-carrier frequency cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3329/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : MOBILE COMMUNICATION MEHOD AND RADIO BASE STATION

(51) International classification :H04W 72/04
(31) Priority Document No :2009-024131
(32) Priority Date :04/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/051359
Filing Date :01/02/2010
(87) International Publication No :WO 2010/090156
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO, INC.
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CHIYODA-KU, TOKYO, 1006150 Japan
(72)Name of Inventor :
1)OKUBO, NAOTO
2)ISHII, HIROYUKI

(57) Abstract :

A mobile communication method according to the present invention, includes the steps of: (A) assigning a radio resource for a PRACH in each cell within a mobile communication system in which cells are synchronized; and (B) performing, at a mobile station (UE), a random access procedure by transmitting an RA preamble via the PRACH using the radio resource assigned in each cell, wherein in the step (A), as the radio resource for a PRACH, a resource block in a different sub-frame is assigned between adjacent cells.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3566/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :26/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : COMMUNICATION CABLE CONNECTION BOX WITH WATERPROOF DEVICE OF ELASTIC RUBBER SHRINKING PIPE

(51) International classification	:H02G 15/18
(31) Priority Document No	:200910126320.0
(32) Priority Date	:26/02/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/000257
Filing Date	:10/03/2009
(87) International Publication No	:WO/2010/096953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHI Yufen

Address of Applicant :3F. No. 9 Alley 27 Lane 67 Minzu St. Yonghe District New Taipei City 234 Taiwan R.O.C.

(72)Name of Inventor :

1)HSING Chihkuang

(57) Abstract :

A waterproof communication cable connection box includes a protective cover (62), a cable pass-through end surface (61), a hollow cylindrical pipe (63,64,65) formed on the cable pass-through end surface, an elastic rubber shrinking pipe (58), and a flexible hard plastic strip (42) provided on the inner wall of the elastic rubber shrinking pipe. The plastic strip will be removed after a cable passes through the cable connection box so that the elastic rubber shrinking pipe closely covers the hollow cylindrical pipe and the cable part exposing outside of the hollow cylindrical pipe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : GAS SHUT-OFF VALVE

(51) International classification	:A62C2/04 F16K1/02 F16K31/53	(71)Name of Applicant : 1)JOHNSON ELECTRIC S.A. Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND
(31) Priority Document No	:10 2013 109 570.4	(72)Name of Inventor :
(32) Priority Date	:02/09/2013	1)STEN WAHRISCH
(33) Name of priority country	:Germany	2)JOERG GASSMANN
(86) International Application No	:NA	3)SEBASTIAN FRAULOB
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 gas shut-off valve for installation in gas meters, has a valve disk that can be moved in the longitudinal direction with respect to its valve seat. The movement is realized by a linear unit held in the longitudinal direction in a valve casing, which is actuated by an electric motor via reduction gearing. The valve seat has a lip seal. The electric motor is a small DC motor. The reduction gearing and the linear unit, are installed in a panel of the valve casing. The linear unit is a rack-and-pinion gearing or a sliding-screw gearing, having an adjusting-nut element and an adjusting rod.

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

(54) Title of the invention : METHOD OF WELDING UPPER RAIL AND ADAPTER BRACKET IN A SEAT TRACK FOR VEHICLE SEAT

(51) International classification :B23K26/20,B23K26/10
 (31) Priority Document No :10-2013-0105356
 (32) Priority Date :03/09/2013
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2014/005943
 Filing Date :03/07/2014
 (87) International Publication No :WO/2015/034171
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)AUSTEM CO., LTD.
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(72)**Name of Inventor :**
1)PAING, HYUN SUNG
2)CHA, SEUNG AM

(57) Abstract :

The present invention relates to a method of welding an upper rail of a seat track for vehicle seat and adapter bracket for supporting a seat frame, the method comprising: contacting surface-to-surface a lower surface of a planar coupling surface part which constitutes a lower end part of the adapter bracket and extends in a longitudinal direction to a predetermined length onto an upper surface of a planar horizontal surface part which constitutes an upper end part of the upper rail and extends in the longitudinal direction; and joining the coupling surface part and the horizontal surface part by welding a lower surface of the horizontal surface part where the horizontal surface part is overlapped with the coupling surface part. Therefore, welding strength between the upper rail of the seat track and the adapter bracket can be reinforced and working hours required to the welding job can be remarkably decreased compared to a conventional art where the welding was performed along an edge of the coupling surface part.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : 'AN IMPROVED CARBONATION REACTOR SYSTEM AND A PROCESS FOR REGENERATING SPENT ALKALI IN AN ALKALI BASED COAL LEACHING PROCESS'

(51) International classification	:B01J 19/00	(71)Name of Applicant : 1)TATA STEEL LTD.
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(33) Name of priority country	:NA	831001, Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAVI KUMAR LINGAM
(87) International Publication No	: NA	2)SANTOSH KUMAR SRIRAMOJU
(61) Patent of Addition to Application Number	:NA	3)A SURESH
Filing Date	:NA	4)PRATIK SWARUP DASH
(62) Divisional to Application Number	:NA	5)PRADIP KUMAR BANERJEE
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved carbonation reactor system for precipitation of impurities present in spent alkali and regenerate the same for recycling for coal leaching process, comprising a shaped metal vessel having at least one inlet for ingress of the spent alkali and carbon dioxide gas, at least one each valve means disposed on each feed line to regulate the rate of ingress of the spent alkali and the carbon dioxide gas into the reactor vessel; a heating jacket provided at an external upper location of the vessel being operably connected to heat or cool the reactants to a reaction temperature, the heating of the reactants allow injecting steam or a thermic fluid into the vessel; an impeller disposed inside the vessel for stirring the reactants to ensure a homogeneous mixing of the reagents; and a pump for discharge of slurry on a filter after completion of reactions and recycling back the condensate inside the vessel through an outlet line.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1450/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR ENRICHMENT OF REACTIVE MATERIALS IN COAL

(51) International classification	:C10L 9/00	(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)DEBJANI NAG
(61) Patent of Addition to Application Number	:NA	2)BIDYUT DAS
Filing Date	:NA	3)DR. RASHMI SINGH
(62) Divisional to Application Number	:NA	4)DR. P. K. BANERJEE
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for enrichment of reactive macerals in coal (both non-coking and coking), comprising the steps of : providing a coal sample having ash-content in a range of 7-16% on dry basis and a crucible swelling number ranging between 0-6; subjecting the coal sample to grinding through a shearing technique; and separating the crusted coal by a 0.5 mm screen and collecting a size fraction of 0.5 mm, wherein hardgrove grindability index(HGI) of the coal sample above 80 exhibits high responsiveness to shearing to generate large volume of reactives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.363/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : SOCKET FUSION JIG

(51) International classification :B25B11/02

(31) Priority Document No :61/680,173

(32) Priority Date :06/08/2012

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

(86) International Application No :PCT/US2013/053432

Filing Date :02/08/2013

(87) International Publication No :WO 2014/025644

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MCELROY MANUFACTURING, INC.

Address of Applicant :833 North Fulton, Tulsa, OK 74115

U.S.A.

(72)Name of Inventor :

1)DONALDSON, Paul, John

2)MEADOWS, Gregory, C.

(57) Abstract :

A socket fusion jig includes a pipe saddle and coupling saddle spaced apart. Rotation of a handle causes the pipe saddle and coupling saddle to move laterally relative to one another so that pipe held in the pipe saddle may be fused to the coupling held in the coupling saddle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : THERAPEUTIC COMPOUNDS

(51) International classification :A61K31/365,A61P35/00,C07D313/08
(31) Priority Document No :61/675,665
(32) Priority Date :25/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052081
Filing Date :25/07/2013
(87) International Publication No :WO 2014/018765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNIVERSITY OF IOWA RESEARCH FOUNDATION
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Iowa City, Iowa 52242-5500 U.S.A.
(72)Name of Inventor :
1)JIN, Zhendong
2)CHEN, Lei

(57) Abstract :

The invention provides compounds useful as anti- cancer agents.

No. of Pages : 55 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/04/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : EXTRUDED COMPONENT WITH ANTIMICROBIAL GLASS PARTICLES

(51) International classification :D02G 3/36
(31) Priority Document No :61/295,403
(32) Priority Date :15/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021268
Filing Date :14/01/2011
(87) International Publication No :WO/2011/088298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :300 Palm Street Scranton
Pennsylvania 18505 U.S.A.
(72)**Name of Inventor :**
1)NAIK Vinesh
2)KEANE Jeffery B.

(57) Abstract :

An extruded component formed from an extruded material having antimicrobial components is disclosed. The extruded material may be formed from polymers and formed into a generally elongated shape. The antibacterial components may be included within at least a portion of the material forming the extruded component. The extruded component may be a filament and may include silver glass particles. In some embodiments, the extruded component may be a single component system, a bi- component system, or a tri-component system.

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

(54) Title of the invention : WATER DROPLET DETECTION DEVICE, AND THREE-DIMENSIONAL OBJECT DETECTION DEVICE USING SAID WATER DROPLET DETECTION DEVICE

(51) International classification :H04N5/225,B60R1/00,B60R21/00
 (31) Priority Document No :2012-166525
 (32) Priority Date :27/07/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/070012
 Filing Date :24/07/2013
 (87) International Publication No :WO 2014/017523
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
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2)Osamu FUKATA
3)Masayuki TAKEMURA
4)Akira UTAGAWA
5)Shoji MURAMATSU
6)Kota IRIE

(57) Abstract :

A three-dimensional object detection device provided with: an image conversion means (31) for converting the point of view of an image obtained by means of an imaging means (10) into a birds-eye view image; a water droplet detection means (40) for detecting water droplets that attached to an imaging optical system; a first three-dimensional object detection means (33) for detecting a three-dimensional object on the basis of a differential image of bird s eye view images captured at different times; a first three- dimensional object determination means (38) for determining whether the three-dimensional object detected by means of the first three dimensional object detection means is another vehicle; and a control means (39) for driving a water droplet removal means in accordance with the attachment state of the water droplets detected by means of the water droplet detection means.

No. of Pages : 117 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.819/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :01/08/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : LOW VOLTAGE ELECTROMAGNETIC INTERFERENCE FILTER OF ELECTRIC VEHICLE

(51) International classification	:H01F17/06	(71)Name of Applicant :
(31) Priority Document No	:10-2013-0158757	1)LSIS CO., LTD.
(32) Priority Date	:18/12/2013	Address of Applicant :127, LS-RO, DONGAN-GU, ANYANG-SI, GYEONGGI-DO, 431-848, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)SUN, JONG IN
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 low voltage electromagnetic interference (EMI) filter of an electric vehicle is provided. In the low voltage EMI filter, a pair of Y capacitor units are respectively installed in input and output ends of the low voltage EMI filter. A normal mode (DM) filter and a common mode (CM) filter are installed between the pair of Y capacitor units. The pair of Y capacitor units, the DM and CM filters discharge CM and DM noises generated in a low voltage battery connection unit to a sash GND (earth) step by step and reduce noises of the low voltage battery connection unit.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1431/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS OF PRODUCING INDUSTRIAL COOLANT BY HYDROXYLATION OF DIESEL SOOT PARTICULATES

(51) International classification	:C07C 13/00	(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, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAYANK GUPTA
(61) Patent of Addition to Application Number	:NA	2)SHYAM KUMAR CHOUDHARY
Filing Date	:NA	3)MANISH KUMAR BHADU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process of producing industrial coolant by hydroxylation of diesel soot particulates, the diesel soot particulate comprising polycyclic aromatic hydrocarbon and their derivatives such as phenanthrene, fluoranthene, pyrene, benzantracene, chryasene, benzopyrene, benzo fluoranthene, perylene, indenopyrene, fluoranthene dibenzopentacene, tribenzopyrene and benzpchrysene.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3766/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING FEEDBACK SIGNAL

(51) International classification :H04L 1/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/070846

Filing Date :17/03/2009

(87) International Publication No :WO/2010/105413

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)FAN Shuju;

2)LI Jing;

3)MA Xueli;

4)WANG Zongjie;

(57) Abstract :

A feedback signal coding method and apparatus. The method includes the following steps: coding feedback signals for three carriers; through HS-DPCCH transmitting the bit series that have been coded and output. The step of coding feedback signals for three carriers includes the following aspects: the feedback signals for the three carriers are mapped to codes of one code block; the codes can be selected from the code block; and the codes in the code block have a certain code distance relationship. Embodiments of the invention provide methods of joint coding of feedback signals for three carriers in the TC mode. Through the methods, signals are transmitted in a single code channel, power overhead is saved and system performance is improved.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : PECTIN-CONTAINING ACIDIC MILK BEVERAGE AND PRODUCTION METHOD THEREOF

(51) International classification :A23C9/137,A23L2/38,A23L2/62
(31) Priority Document No :2012-157098
(32) Priority Date :13/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068968
Filing Date :11/07/2013
(87) International Publication No :WO 2014/010669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CP KELCO APS
3)NITTA GELATIN INC.
(72)Name of Inventor :
1)NAKANO Masatoshi
2)NIHEI Daichi
3)KOBAYASHI Yukiko
4)ROLIN Claus
5)USHIYAMA Soko
6)MAMIYA Hiroyuki

(57) Abstract :

An aim is to provide a refreshing acidic milk beverage in which precipitation or aggregation is not produced and whey syneresis is reduced even in an acidic milk beverage having a low solids-not-fat concentration, and provided is an acidic milk beverage characterized by comprising an acidic milk beverage base and pectin having an intrinsic viscosity of 5.9 to 8.5, an esterification degree of 74 to 80 and a calcium reactivity of 230 or less.

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

(54) Title of the invention : THREE-DIMENSIONAL OBJECT DETECTION DEVICE, AND THREE-DIMENSIONAL OBJECT DETECTION METHOD

(51) International classification :G08G1/16,B60R21/00,B60S1/60
 (31) Priority Document No :2012-166514
 (32) Priority Date :27/07/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/070008
 Filing Date :24/07/2013
 (87) International Publication No :WO 2014/017519
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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 Address of Applicant :2, Takara-cho, Kanagawa-ku
 Yokohama-shi, Kanagawa 221-0023, Japan
 (72)**Name of Inventor :**
1)Yasuhisa HAYAKAWA
2)Osamu FUKATA

(57) Abstract :

The present invention is provided with: a camera (10) for imaging the rear of a vehicle; a three dimensional object detection unit (33) for detecting a three dimensional object at the rear of the vehicle on the basis of the acquired image; a lens cleaning device (100) for cleaning the lens (11) of the camera (10) by using a cleaning solution in accordance with a predetermined lens cleaning process; a lens state determination unit (38) for determining whether the state of the lens (11) is in a predetermined state to be controlled on the basis of the timing at which the cleaning solution is sprayed on the lens in the lens cleaning process; and a control unit (39) for preventing a three dimensional object from becoming detected by suspending the detection immediately before it is determined that the lens state is in the state to be controlled or by retaining the aforementioned determination result for a predetermined time when it was determined that the lens state is in the state to be controlled.

No. of Pages : 121 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.330/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRIC JUNCTION BOX

(51) International classification :H02G3/16
(31) Priority Document No :2012-182963
(32) Priority Date :22/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/072239
Filing Date :21/08/2013
(87) International Publication No :WO 2014/030660
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)YAMAMOTO, Masaki
2)KURACHI, Kazutoshi
3)TOMITA, Kei
4)TOMITA, Taisuke
5)MARUI, Takayoshi

(57) Abstract :

Provided is an electric junction box that can prevent a bonder cap from falling out of a bonder cap accommodating part without using a cable tie. The electric junction box (1) comprises a frame (2), which is provided with a bonder cap accommodating part (6) and a power line accommodating part with a terminal, and a cover (3). An edge constituting an insertion hole (60) of the bonder cap accommodating part (6) is configured from a low profile portion (61) of the same height as the edge of the power line accommodating part with the terminal, and a protruding portion (62) that protrudes farther than the low profile portion (61). When the cover (3) has been attached to the frame (2), a gap (K1) from the low profile portion (61) to the cover (3) is larger than the entire length of a bonder cap (5), and a gap (K2) from the farthest protruding portion of the protruding portion (62) to the cover (3) is smaller than the entire length of the bonder cap (5). A power line bundle (4) positioned outside of the bonder cap accommodating part (6) is curved toward the low profile portion (61).

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3309/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR LOAD BALANCING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W 28/08
(31) Priority Document No	:61/143,620
(32) Priority Date	:09/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2009/050840
Filing Date	:30/06/2009
(87) International Publication No	:WO/2010/080056
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)VIKBERG Jari
2)NYLANDER Tomas
3)RUNE Johan

(57) Abstract :

The present invention relates to methods and arrangements in a wireless communication system that enable a load balancing procedure in a network with HeNB GWs. The problem of the ineffective conventional load balancing procedure when used in a network with HeNB GWs, is addressed by a solution where the HeNB includes (510) an explicit indication of the reason for radio link establishment (load balancing establishment cause) in the S1AP INITIAL UE MESSAGE message (511) used to establish the S1 signaling connection associated with a user equipment to an MME, so that the HeNB GW (550) can perform an accurate MME selection based on the knowledge that the establishment is due to load balancing, i.e. an MME selection that realizes the required inter-MME load balancing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3553/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/08/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : BURST TRANSMISSION METHOD&NBSP; AND RECEIVER RESETTING METHOD AND APPARATUS IN A PASSIVE OPTICAL NETWORK

(51) International classification	:H04J14/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/070441
Filing Date	:16/02/2009
(87) International Publication No	:WO/2010/091556
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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China

(72)Name of Inventor :

1)LI Jing;

2)FENG Dongning;

3)GENG Dongyu;

4)EFFENBERGER Frank;

(57) Abstract :

Disclosed are a method for burst transmission on a passive optical network (PON), and a method and a device for receiver resetting in a PON. An embodiment of said method for burst receiver resetting in a PON includes: receiving a preamble sequence, synchronizing data; after the data synchronization, continuing to receive data, and matching with a burst terminator; resetting the receiver after successfully matching the burst terminator. A device for implementing said method and a corresponding method for transmitting burst data are also provided. Based on the method and the device for resetting the burst receiver in a PON and the corresponding method for burst transmission by an ONU burst transmitter provided by the embodiments of the present invention, the reach extender (RE) does not need to unpack the upstream burst bandwidth allocation information carried by the downstream data, and the RE complexity is decreased. The method is simple and effective.

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

(54) Title of the invention : MULTI-TRACK LASER SURFACE HARDENING OF LOW CARBON COLD ROLLED CLOSELY ANNEALED (CRCA) GRADES OF STEELS

(51) International classification	:C21D 1/00	(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-831001, Jharkhand India
(86) International Application No	:NA	2)CENTER FOR LASER PROCESSING OF MATERIALS
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BADIRUJJAMAN SYED
(61) Patent of Addition to Application Number	:NA	2)DR. SAURABH KUNDU
Filing Date	:NA	3)MR. S.M. SHARIFF
(62) Divisional to Application Number	:NA	4)DR. G. PADMANABHAM
Filing Date	:NA	5)MANISH TAK

(57) Abstract :

The invention relates to a multi-track laser beam process of surface hardening of steel sheet with low-carbon and low manganese steel. The resulting steel shows improved mechanical strength and can be used for manufacturing of automotive components. The process comprises the steps of: providing CRCA steel grades of (low carbon and low manganese) in the form of flat sheet having a chemical composition range by weight percentage, C: 0.03-0.07, Mn: 0.15-0.25 and 1.4, S: 0.005-0.009, P: 0.009-0.014, Si: 0.005-0.02, Al: 0.04, V: 0.001, Nb: 0.001, and Ti:0.002 ; optimizing laser processing variables to reach austenizing temperature capable for phase transformation of the initial microstructure to harder dual phase structure of the steel sheet; selecting a laser track pattern for surface hardening of the steel sheet; applying the selected laser processing variables in the form of laser power (2.5-3.5 KW) and scanning speed (150-250 mm/s) combinations on the surface of the steel sheet; selecting and adapting associated laser optics to operate the laser beam such that an impingement laser spot size on the sheet is of square shape, wherein a 6-axis robot employed to carry the laser through a fiber fixed on 6th axis enabling an movement of the laser beam under the specimen along the axis of the square beam controlling the surface temperature of the specimen to eliminate any possibility of melting the sheet based on on-line surface temperature effect and comparing with pre-stored data representing surface temperature effect; and periodically reviewing the development of desired microstructure of the sample, including measuring hardness level and fraction of different phases.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1414/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : HERBAL COMPOSITION FOR PREVENTION OF LEUCODERMA AND THE PROCESS OF PREPARING THEREOF

(51) International classification	:C07D 493/00	(71)Name of Applicant : 1)PAWAN KUMAR PAREEK
(31) Priority Document No	:NA	Address of Applicant :FLAT NO. F/03/02, 3RD FLOOR,
(32) Priority Date	:NA	36/B, N.K. BANERJEE STREET, RISHRA, HOOGLY, PIN-
(33) Name of priority country	:NA	712248 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAWAN KUMAR PAREEK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a synergistic herbal composition for the treatment of Leucoderma. More particularly, the present invention relates to the herbal composition for treatment of Leucoderma as well as Cancer, Aids, Leprosy etc which is prepared by grinding and mixing of Kutuja, Babchi (Bag chi), Indian gooseberry (Awala), Wood Apple (Bel), Five leaved chest tree (Nirgundi), Garlic (Lehsun) etc which are roasted in sunrays and Rice (Chawal), Mustard seed (Sarson), Black pepper(kali mirch), Cinnamon (dalchini), Dry coconut (gari), Black Cumin seed (kala Jeera), Carom seed (Ajwaine), Black beaten gram (Urad pulse) etc which are roasted in oven. Moreover this invention also relates to the process of preparing the above herbal composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : TONER, DEVELOPER, AND IMAGE FORMING APPARATUS

(51) International classification	:G03G9/087
(31) Priority Document No	:2012-198564
(32) Priority Date	:10/09/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/074008
Filing Date	:30/08/2013
(87) International Publication No	:WO 2014/038645
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SUZUKI, Kazumi
3)SHIBA, Masana
4)MORITA, Tatsuya
5)YAMAUCHI, Yoshitaka

(57) Abstract :

Provided is a toner, including: a crystalline resin; and a colorant, wherein the toner has a sea island structure in which a crystal region containing the crystalline resin is formed as a sea, and a non crystalline region containing the colorant is formed as an island.

No. of Pages : 152 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.13/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED PROCESS OF MOUNTING SKIRTBOARD RUBBER PADS ON A CONVEYOR BELT CARRYING BULK MATERIALS

(51) International classification	:B65G 21/00	(71)Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- 831001, Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHISH SHARMA
(87) International Publication No	: NA	2)MANISH KUMAR PANDEY
(61) Patent of Addition to Application Number	:NA	3)SHAILESH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved belt conveyor assembly with automatically adjustable rubber pads to maintain desired clearance between a Skirtboard and the belt conveyor assembly to prevent spillage of materials transported along the belt conveyor, comprising a conveyor belt supported by a plurality, of troughing idlers moving unidirectional, the troughing idlers being angled in respect of each other to provide a desired troughing angle; a cover housing having vertical walls on a top portion of the housing in which walls, a Skirtboard fixed through at least one clamping bar; at least one rubber pad to be in tight contact with an upper cover of the belt interposed between the vertical wall and the Skirtboard, wherein a plurality of clamping bars provided at regular intervals along the continuous length of the Skirtboard having a corresponding number of slots including each a spring member with predetermined spring constant, the clamping bars exerting a clamping force on the Skirtboard to allow movement of the mounted rubber pads, and wherein one each internally retractable serrated clamp provided on said slots, wherein a bolt provided to attach each rubber pad at backside of the Skirtboard, the bolt resting on the serrated clamp to enable the spring to compress the bolt so as to precisely seal a wear-related gap between the belt and the Skirtboard rubber pads.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5090/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED ANTENNA ARRANGEMENT

(51) International classification	:H01Q1/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/056444
Filing Date	:27/05/2009
(87) International Publication No	:WO/2010/136063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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Address of Applicant :S-164 83 Stockholm Sweden

(72)Name of Inventor :
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2)ASTELY David
3)JOHANNISSON Björn Gunnar

(57) Abstract :

An antenna arrangement (200, 300, 400) with antenna units (220, 230) comprising an input port (201, 202); a power divider (202, 204) for dividing an input signal into a major and a minor part with a ratio 1:1; a network (211, 216) with a sum input port; a difference input port, and first and second output ports; first (215, 217) and second antenna (214, 218) elements of a first and a second polarization. Signals to the sum input port are output with a first relation between them and signals to the difference input port are output with a second phase relation. The antenna units are arranged so that the major part of an input signal is connected to the sum port of a network and the minor part of an input signal is connected to the difference port of another network, and the first and second output ports of a network are connected to first and second adjacent antenna elements of the same polarization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1071/CAL/1998 A

(19) INDIA

(22) Date of filing of Application :16/06/1998

(43) Publication Date : 10/07/2015

(54) Title of the invention : SUPPORTED PHOSPHINIMINE-CP CATALYSTS

(51) International classification	:C08F4/44
(31) Priority Document No	:2,210,131
(32) Priority Date	:09/07/1997
(33) Name of priority country	:Canada
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A catalyst component which is especially useful in so-called slurry or gas phase olefin polymerizations and which comprises an organometallic complex of a group 4 metal (having a cyclopentadienyl-type ligand and a phosphinimine ligand) and a particulate support. The catalyst component forms an excellent catalyst system when combined with an activator such as an aluminosilicate or a so-called substantially non-coordinating anion. In a preferred embodiment the organometallic complex and the activator are both deposited on the particulate support.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A CHARGE MIXTURE AND A CRUCIBLE FOR REDUCTION OF OXIDE ORES IN HIGH TEMPERATURE FURNACES

(51) International classification	:F27B 9/00	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :JAMSHEDPUR-831001, Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)GAJANAN U.KAPURE
Filing Date	:NA	2)ARIJIT BISWAS
(87) International Publication No	: NA	3)TAMAL KANTI GHOSH
(61) Patent of Addition to Application Number	:NA	4)G.P. SAHU
Filing Date	:NA	5)PRADIP KUMAR BANERJEE
(62) Divisional to Application Number	:NA	6)SANJAY CHANDRA
Filing Date	:NA	

(57) Abstract :

This invention provides a charge mixture for making a crucible or a container for use in high temperature heat treatment processes. The crucible or the container can be used for oxide ores reduction process in tunnel kiln or rotary hearth furnace. A high melting point charge mixture comprising of self-oxidizing, self-baking material is developed which transfers heat by conduction and radiation means to the material inside the crucible. The crucible charge mixture is comprised of chrome ore, sintering flux, binders which bake and fuse during heat treatment due to sintering and oxidation of chrome ore and gains strength. The crucible has sufficient strength to sustain severe heat from burner flames and oxidizing atmosphere generated due to fuel combustion. On exposure to typical heat treatment cycle in tunnel kiln, the strength of crucible increases further due to self-baking and oxidizing characteristic of chrome ore in the charge mixture. The crucible or the container, after desired repeated use in tunnel kiln or rotary hearth furnace, can be crushed and used as reactive metallurgical feedstock in high temperature smelting process such as in ferrochrome production.

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

(54) Title of the invention : WAFER LEVEL LIGHT-EMITTING DIODE ARRAY

(51) International classification :H01L33/36,H01L33/62,H01L33/48
 (31) Priority Document No :10-2012-0099263
 (32) Priority Date :07/09/2012
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2013/007105
 Filing Date :06/08/2013
 (87) International Publication No :WO 2014/038794
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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(57) Abstract :

The present invention relates to a wafer level light-emitting diode (LED) array. An LED array according to one embodiment includes: a growth substrate; a plurality of LEDs arranged on the substrate, each of which has a first semiconductor layer, an activation layer, and a second semiconductor layer; a plurality of top electrodes arrayed on the plurality of LEDs formed from the same material, and electrically connected respectively to the first semiconductor layers of the corresponding LEDs; and first and second pads arranged on the top electrodes. One or more of the top electrodes are electrically connected to the second semiconductor layers of adjacent LEDs, wherein the others of the top electrodes are insulated from the second semiconductor layers of the adjacent LEDs, the LEDs are connected in series by the top electrodes, the first pad is electrically connected to an input LED from among the LEDs connected in series and the second pad is electrically connected to an output LED from among the LEDs connected in series. Accordingly, a flip chip type LED array can be provided which can be driven with a high voltage.

No. of Pages : 53 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2819/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/07/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : ANTI-VIRAL PROTECTION WITH VIRUSES CONTAINING DEFECTIVE GENOME SEGMENTS

(51) International classification :A61K 35/76

(31) Priority Document No :0822672.2

(32) Priority Date :12/12/2008

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

(86) International Application No :PCT/GB2009/051666

Filing Date :08/12/2009

(87) International Publication No :WO/2010/067109

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)DIMMOCK Nigel

2)EASTON Andrew

(57) Abstract :

The invention relates to virology and the prevention and/or treatment of viral infection and disease in animals, including birds and humans. The invention relates to the field of antiviral treatments. The invention further relates to methods of stimulating innate immunity and natural interferon production in humans or animals and in component parts of humans or animals, including cells and tissues. The invention also relates to the field of defective interfering (DI) viruses, including cloned DI viruses.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1427/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF LIPOSOMES AND COMPOSITIONS THEREOF

(51) International classification	:A61K 9/00	(71)Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA -
(32) Priority Date	:NA	700071, West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BISWAS, SAMARES CHANDRA
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 process for the preparation of liposomes comprising homogenization of a mixture of water and a preformed solution of (i) at least one phospholipid; and (ii) at least one water soluble solvent; wherein at least one phospholipid is phosphatidylcholine and homogenization is performed at about 3000 rpm to about 20000 rpm and the amount of lipid in the water-soluble solvents ranges from 0.001 to 30% wt/wt percentage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.32/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : AN IMPROVED TOWER TYPE CRICULATING FLUIDIZED BOILER (CFB) WITH OPTIMALLY ORIENTED COMBINATION OF HEAT TRANSFER SECTIONS TO REDUCE SPACE AND ENHANCE FLOW DISTRIBUTION ACROSS THE FURNACE

(51) International classification	:F23C 10/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MUKUNDARAJAN LAKSHMINARASIMHAN 2)MANNAR MUTHUKRISHNAN 3)VIJAY KUMAR VERMA 4)RAMKUMAR SUNDAR RAJAN 5)AYYADEVARA NARAYANA TEJA 6)VENKATESAN VIDYA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a An improved Tower Type circulating Fluidized Boiler (CFB) with optimally oriented combination of heat transfer sections to reduce space and enhance flow distribution across the furnace, the improvement is characterized in that the combustor of the boiler is divided by constructing a series of plate-like heat transfer surfaces, in that each of the heat transfer surfaces acting as one of the pre- heating surface for feed water, surface for generating steam, surface for superheating of steam, and surface for reheating steam, in that each of the plate like heat transfer surfaces is formed of a plurality of tubes routed into the combustor along the fins being perpendicular to gas flow direction, and in that the exit point to the heat transfer surfaces is so disposed that the length of the tubes forming the plate-like structure is oriented parallel to the exit plane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1400/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : AIR REGULATOR DOCKING STATION.

(51) International classification

:F25B21/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)SAGAR PINGALE

(57) Abstract :

A docking station for an air regulator for a self-inflating tire includes a frame having a mounting face to attach to the tire and a connector face opposite the mounting face. A first cylindrical connector, a second cylindrical connector and a third cylindrical connector each project from the connector face. The first cylindrical connector defines a first pump port for connection to a first pump tube. The second cylindrical connector defines a second pump port for connection to a second pump tube. The third cylindrical connector defines an inlet port for connection to an intake of the regulator. At least one lug is disposed at an end of the frame to be an attachment point for the regulator. The docking station is to be fixedly attached to the tire and removably attachable to the regulator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2794/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :31/07/2009

(43) Publication Date : 10/07/2015

(54) Title of the invention : ELECTRICAL CONNECTOR

(51) International classification	:H01F 38/14
(31) Priority Document No	:0700976.4
(32) Priority Date	:18/01/2007
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2008/000165
Filing Date	:17/01/2008
(87) International Publication No	:WO 2008/087423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDUCTRONICS TECHNOLOGY LTD
Address of Applicant :1101-3 11TH FLOOR, HONG KONG CLUB BUILDING, 3A CHARTER ROAD CENTRAL Hongkong(China)
(72)**Name of Inventor :**
1)ROZENBERG, SIMON, GRANT
2)LIMPKIN, GEORGE, ALAN

(57) Abstract :

A two-part inductive connector comprises a primary part having a primary half core and a secondary part having a secondary half core, the primary part including first locking means which are engageable with second locking means on the secondary part, one of the primary or secondary parts further comprising a pin which is receivable in a recess formed in the other of the primary or secondary parts, the connector having an unlocked position in which the primary and secondary half cores are not aligned and in which the first and second locking means are not engaged, and a locked position in which the primary and secondary half cores are aligned and the first and second locking means engaged, the connector moving between the unlocked and locked positions by relative rotation of the primary and secondary parts about the pin.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.28/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 10/07/2015

(54) Title of the invention : A PROCESS FOR PRODUCTION OF LOW SILICA CONCENTRATE FROM THE LOW GRADE DOLOMITE ORE OR FINES

(51) International classification	:C22B 1/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(33) Name of priority country	:NA	831001,Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNIL KUMAR TRIPATHY
(87) International Publication No	: NA	2)Y. RAMA MURTHY
(61) Patent of Addition to Application Number	:NA	3)VEERENDRA SINGH
Filing Date	:NA	4)LOPAMUDRA PANDA
(62) Divisional to Application Number	:NA	5)A. K. BHATNAGAR
Filing Date	:NA	

(57) Abstract :

The present invention is related to a process for the production of low silica concentrate from the low grade dolomite ore or fines. Further, invention also provides an agglomeration process for the utilisation of such fines. The process of the current invention comprises of selective dry classification, flotation, and briquetting of dolomite fines by minimizing the silica level to <4% from low grade fines containing 8-15% silica. The low silica containing product obtained from the current process can be agglomerated by mixing with binders such as: lime or molasses. The briquettes were prepared with different particle size range, binder concentration, compaction load, and at different firing temperature. A good quality briquette of CCS> greater than 350 kgf can be produced with particle size of 3-10 mm, binder combination of molasses of 3-7% (by wt.) and lime of 2-3% (by wt.) along with compaction pressure in the range of 3 to 3.5 ton and firing temperature of 650-750 °C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4778/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : RECEPTION MEANS FOR RECEIVING MEDICAL FLUIDS&NBSP; AS WELL AS EXTERNAL FUNCTIONAL MEANS AND MEDICAL TREATMENT APPARATUS

(51) International classification	:B65B3/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009 018 664.6	1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(32) Priority Date	:23/04/2009	Address of Applicant :Else-Kröner-Strasse 1 61352 Bad
(33) Name of priority country	:Germany	Homburg Germany
(86) International Application No	:PCT/EP2010/002294	(72)Name of Inventor :
Filing Date	:14/04/2010	1)LAUER Martin
(87) International Publication No	:WO/2010/121740	2)GÜNTHER Götz
(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 receiving apparatus (100) for receiving fluids, comprising a fluid surge diverting element comprising at least one circulating body (1) designed and provided for dividing the fluid surge of the inflowing fluid into at least two partial fluid surges. The invention further relates to an external functional apparatus and a treatment device having a receiving apparatus according to the invention.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PIPERAZINE COMPOUNDS AND HYDROCHLORIDE SALTS THEREOF

(51) International classification :C07D 295/135
(31) Priority Document No :P08 00765
(32) Priority Date :18/12/2008
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2009/000109
Filing Date :18/12/2009
(87) International Publication No :WO/2010/070370
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RICHTER GEDEON NYRT.
Address of Applicant :H-1103 Budapest Gyömrői út 19-21
Hungary
(72)Name of Inventor :
1)CZIBULA László
2)JUHÁSZ Bálint
3)ÁGAINÉ CSONGOR Éva
4)SEBOK Ferenc
5)GALAMBOS János
6)NÓGRÁDI Katalin

(57) Abstract :

The invention relates to a new process for the preparation of compounds of general formula (I) and hydrochloric acid salts and/or hydrates and/or solvates thereof, by dissolving suspending trans 4-[2-[4-(2,3-dichlorophenyl)-piperazine-1-yl]-cyclohexylamine of formula (III) or a salt or a hydrate or a solvate thereof in an inert solvent in the presence base then adding a carbonic acid derivative of general formula (VI) wherein R is alkyl with C1-6 straight or branched chain or C1-2 fully halogenated alkyl, Z is -O-R or -X, wherein R is as described above, X is halogen, and reacting the compound of general formula (IV) obtained wherein R is as described above, in situ or, optionally in isolated state with an amine of general formula (V) wherein R1 and R2 are as described above to obtain the compound of general formula (I) and then optionally forming the hydrochloride salts and/or hydrates and/or solvates thereof.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4355/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/12/2009

(43) Publication Date : 10/07/2015

(54) Title of the invention : LINEAR EXPRESSION CONSTRUCTS FOR PRODUCTION OF INFLUENZA VIRUS PARTICLES •

(51) International classification	:A61K39/39 C07K14/11 C12N15/09
(31) Priority Document No	:60/946,651
(32) Priority Date	:27/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/058182
Filing Date	:26/06/2008
(87) International Publication No	: WO/2009/000891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AVIR GREEN HILLS BIOTECHNOLOGY RESEARCH DEVELOPMENT TRADE AG
Address of Applicant :Gersthofer Strasse 29-31 A-1180
Vienna Austria
(72)**Name of Inventor :**
1)WOLSCHEK Markus
2)EGOROV Andrej
3)BERGMANN Michael
4)MUSTER Thomas
5)KITTEL Christian

(57) Abstract :

The present invention provides a linear expression construct free of any conventional amplification and/or selection sequences comprising an RNA polymerase I (poll) promoter and a poll termination signal, inserted between a RNA polymerase II (polll) promoter and a polyadenylation signal useful for the expression of segments of viral RNA, preferably influenza viruses. The inventive construct is useful for efficient and fast production of viral particles, especially for producing vaccine formulations for the treatment of epidemic and/or pandemic diseases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1399/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 10/07/2015

(54) Title of the invention : TIRE AIR INTAKE FILTER

(51) International classification	:B60C23/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EATON CORPORATION,
Address of Applicant :1000 EATON BOULEVARD,
CLEVELAND OHIO 44122, U.S.A.
(72)**Name of Inventor :**
1)RAMAKRISHNA BHOGA
2)SAGAR PINGALE

(57) Abstract :

A tire air intake filter includes a housing to be attached to a sidewall of an Air Maintenance Technology (AMT) pneumatic tire. The housing has a cavity to be in fluid communication with an atmospheric air inlet of a regulator for the AMT tire. A filtration media is to block contaminants from entering the cavity while allowing atmospheric air to be drawn through the filtration media into the cavity by a pump of the AMT tire. The filter has an elliptical profile having a minor axis and a major axis. The minor axis is to be aligned with a radius of the tire. An AMT tire having the air intake filter is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/KOL/2004 A

(19) INDIA

(22) Date of filing of Application :12/05/2004

(43) Publication Date : 10/07/2015

(54) Title of the invention : ARECA NUT PEELING MACHINE.

(51) International classification	:A23N5/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UDDHAB KUMAR BHARALI
(32) Priority Date	:NA	Address of Applicant :UDDHAB KUMAR BHARALI
(33) Name of priority country	:NA	BHAIRAB BHARALI PATH K.B ROAD NORTH
(86) International Application No	:NA	LAKHIMPUR ASSAM-787001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)N/A
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The areca nut peeling machine is being design to mechanized the highly profitable areca nut Superi sector with view to enhance the rate of production & to eliminate the risk of labors hand being cut while peeling. In this machine the peeling is achieved with the help of reciprocating cutter and twisting cutter whose motion is synchronized in such a way that when reciprocating cutter push forward twisting cutter remains still and while twisting cutter gives the twist the reciprocating push cutter remains still. This motion is achieve through an especial design relay crank mechanism by the innovator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1452/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : A METHOD TO MEASURE THE RINSABILITY OF CLEANSING FORMULATIONS

(51) International classification	:A61K 8/00	(71)Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-
(32) Priority Date	:NA	700071, West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GASPAR, JOSEPH, MILTON
Filing Date	:NA	2)PRAJITH, SARINA
(87) International Publication No	: NA	3)ODEDRA, ASHWIN, HAJABHAI
(61) Patent of Addition to Application Number	:NA	4)MANI, SUDHIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A quantitative method of measuring rinsability of a formulation is provided by measuring the conductivity of the post wash water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1453/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : HOUSEHOLD ELECTROTHERMAL VAPORIZATION HEATER

(51) International classification	:A47J27/04, F22B1/28,	(71) Name of Applicant : 1)KAO, YAO-TSUNG
(31) Priority Document No	:NA	Address of Applicant :NO.9, LN.37, SEC.2, ANZHONG RD.,
(32) Priority Date	:NA	ANNAN DIST., TAINAN CITY 709, TAIWAN, R.O.C.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KAO, YAO TSUNG
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 household electrothermal vaporization heater contains a heating body and a cover. The heating body includes a heat tube precast therein and made of thermal conductivity material and a heating channel corresponding to the heat tube and formed in a U shape. The heating channel has an inlet defined on a first end thereof so as to pour liquid water, such that the liquid water flows in the heating channel and is heated by the heat tube quickly so as to convert into superheated steams, and the cover covers and screws with the heating channel by using a plurality of screw elements, thus preventing steams from leakage. The cover includes a plurality of vapor orifices formed on end edges thereof and corresponding to a second end of the heating channel so as to spray the superheated steams.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1454/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 10/07/2015

(54) Title of the invention : PROCESS FOR PRETREATMENT OF COAL AND MINERALS TO IMPROVE THE COMMUNUTION CHARASTERISTICS

(51) International classification	:B02C 19/00	(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, Jharkhand India
Filing Date	:NA	2)INDIAN INSTITUTE OF SCIENCE BANGALORE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VEERENDRA SINGH
Filing Date	:NA	2)PRADIP KUMAR BANERJEE
(62) Divisional to Application Number	:NA	3)DR. G. JAGADEESH
Filing Date	:NA	

(57) Abstract :

A process for pretreatment of coal and minerals to improve the comminution characteristics comprising collecting the materials (coal, iron ore and manganese ore) in lumps to undergo pretreatment method; crushing and beneficiating the lumps; selecting either air or water media to perform shock loading; charging the material in vertical chambers (A, B, C) for continuous treatment of the materials; wherein shock waves are generated by compression of gas in a small chamber (1) and releasing it through electronic valves when shock waves are exposed continuously to the material kept in the said chamber to weaken the materials and widen the pre existing fractures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.350/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/02/2015

(43) Publication Date : 10/07/2015

(54) Title of the invention : RSPO3 BINDING AGENTS AND USES THEREOF

(51) International classification :A61K39/395

(31) Priority Document No :61/671,421

(32) Priority Date :13/07/2012

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

(86) International Application No :PCT/US2013/050300

Filing Date :12/07/2013

(87) International Publication No :WO 2014/012007

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ONCOMED PHARMACEUTICALS, INC.

Address of Applicant :800 Chesapeake Drive, Redwood City,
California 94063 U.S.A.

(72)Name of Inventor :

1)GURNEY, Austin L.

2)BOND, Christopher J.

(57) Abstract :

The present invention relates to RSPO-binding agents, particularly RSPO3-binding agents and methods of using the agents for treating diseases such as cancer. The present invention provides antibodies that specifically bind human RSPO3 proteins and modulate β -catenin activity. The present invention further provides methods of using agents that modulate the activity of RSPO3 proteins and inhibit tumor growth. Also described are methods of treating cancer comprising administering a therapeutically effect amount of an agent or antibody of the present invention to a patient having a tumor or cancer.

No. of Pages : 161 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4251/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : FORMULATION FOR STABILIZING PROTEINS&NBSP; WHICH IS FREE OF MAMMALIAN EXCIPIENTS

(51) International classification	:A61K 9/19
(31) Priority Document No	:09 005 470.1
(32) Priority Date	:17/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002360
Filing Date	:16/04/2010
(87) International Publication No	:WO/2010/118888
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERZ PHARMA GMBH & CO. KGAA
Address of Applicant :Eckenheimer Landstrasse 100 D-60318
Frankfurt am Main Germany
(72)**Name of Inventor :**
1)TAYLOR Harold
2)BURGER Markus
3)MANDER Gerd J.

(57) Abstract :

The present invention pertains to a formulation comprising a hydrophilic polymer, a mixture of a polyalcohol and a sugar, wherein the weight ratio of polyalcohol to sugar is between 2:1 to 5:1 (wt-%), a detergent, wherein said formulation is free of stabilising proteins.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3877/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : DEVICE FOR LASIK

(51) International classification :A61F 9/01

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/002123

Filing Date :23/03/2009

(87) International Publication No :WO/2010/108501

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)WAVELIGHT GMBH

Address of Applicant :Am Wolfsmantel 5 91058 Erlangen Germany.

(72)Name of Inventor :

1)WÜLLNER Christian

2)VOGLER Klaus

3)DONITZKY Christof

(57) Abstract :

The invention relates to a device for LASIK having the following: a first laser radiation source (12) for generating first laser radiation pulses (14) having a power density for bringing about disruption of the corneal tissue; first means (24, 44, K) for guiding and shaping the first laser radiation pulses into the corneal tissue; a second laser radiation source (46) for generating second laser radiation pulses (48) having a power density for bringing about ablation of corneal tissues; second means (40, 42, 44, 24) for guiding and shaping the second laser radiation pulses relative to the cornea; a controller (50) having a first processing program (56a) for controlling the first means and the first laser radiation pulses for generating a cut (72) in the cornea (60; and having a second processing program (56b) for controlling the second means and the second laser radiation pulses for reshaping and modified the imaging properties of the cornea, wherein the first processing program generates regular corneal surface structures causing a rainbow effect in the imaging properties of the cornea; and a third processing program (56c) controlling the second means and the second laser radiation pulses for removing the indicated regular structures (68).

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4799/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 10/07/2015

(54) Title of the invention : METHOD&NBSP; SYSTEM&NBSP; NETWORK ELEMENT&NBSP; AND GATEWAY FOR PROCESSING ACCESS POINT NAME RESTRICTION INFORMATION

(51) International classification	:H04W 36/24
(31) Priority Document No	:200910084419.9
(32) Priority Date	:14/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072700
Filing Date	:13/05/2010
(87) International Publication No	:WO/2010/130207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)QI Caixia;
2)YIN Yu;

(57) Abstract :

A method, a system, a network element, and a gateway for processing access point name restriction information are disclosed. The method includes: a second mobility management element receives first access point name restriction information from a first mobility management element; the second mobility management element obtains maximum access point name restriction information according to the first access point name restriction information, so that a packet data network gateway determines to or refuses to establish a new packet data network gateway connection. With the present invention, the second mobility management element may receive the access point name restriction information sent by the first mobility management element or pre-stored access point name restriction information sent by a serving gateway, and then obtain the maximum access point name restriction information according to the received access point name restriction information. In this way, the packet data network gateway can determine to or refuse to establish a new packet data network gateway connection, therefore improving the security of private packet data network gateways.

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

AMENDMENT UNDER SEC.57, KOLKATA

(1)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service in respect of Patent No. 221094 (170/KOLNP/2006) has been amended as follows:

L. S. DAVAR & CO.,
MONALISA, FLATS 1B & 1C
CAMAC STREET,
KOLKATA-700 017

to

L.S. DAVAR & CO.
32, Radha Madhav Dutta Garden Lane,
Kolkata

(2)

An application for change in address for service from KSHITIJ SAXENA C/O AMARCHAND & MANGALDAS & SURESH A. SHROFF & CO., ANAND LOK 227, A.J.C BOSE ROAD LOWER CIRCULAR ROAD KOLKATA 700020 to AMARCHAND & MANGALDAS & SURESH A. SHROFF & CO. Advocates & Solicitors, Amarchand Towers, 216, Okhla Industrial Estate, Phase III, New Delhi – 110020, India in respect of Patent No. 249812 (1908/KOLNP/2006) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(3)

An application for change in name of the applicant/patentee from DORMA GMBH + CO. KG to Dorma Deutschland GmbH in respect of Patent No. 226772 (473/KOLNP/2003) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS(MUMBAI)**

**NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE
FOLLOWING APPLICATION FOR RESTORATION OF PATENT UNDER SECTION 60 OF
THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF
PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS
AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85
OF THE PATENTS (AMENDMENT) RULES, 2006.**

Sl. No.	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	208216	Bachate Girish Manoharrad	Prepaid-Postpaid Electricity Supply Machine	13/05/2014	Mumbai

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 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)	Appropri ate Office
1	267221	3029/DELNP/2007	19/10/2005	25/10/2004	SYSTEM WITH CAPSULE HAVING SEALING MEANS	NESTEC S.A	17/08/2007	DELHI
2	267235	1136/DELNP/2008	18/08/2006	22/08/2005	POLYMERIZATION CATALYSTS AND PROCESS FOR PRODUCING BIMODAL POLYMERS IN A SINGLE REACTOR	CHEVRON PHILLIPS CHEMICAL COMPANY LP.	04/07/2008	DELHI
3	267240	25/DELNP/2007	15/06/2005	09/07/2004	CONDUCTIVE MATERIAL COMPRISING AN ME- DLC HARD MATERIAL COATING	OC OERLIKON BALZERS AG (FORMERLY KNOWN AS UNAXIS BALZERS AG),WIELAND-WERKE AG	27/04/2007	DELHI
4	267243	929/DELNP/2004	24/10/2002	30/10/2001	A FLEXIBLE FLUID CONTAINMENT VESSEL	ALBANY INTERNATIONAL CORP.	08/08/2008	DELHI
5	267263	1904/DELNP/2006	22/10/2004	23/10/2003	BOTTLE, IN PARTICULAR A BABY BOTTLE	BAMED AG	15/06/2007	DELHI
6	267272	2177/DELNP/2004	29/01/2003	30/01/2002	A METHOD OF CONTROLLING A GAS DISTRIBUTION SYSTEM	PRAXAIR TECHNOLOGY, INC.	18/12/2009	DELHI
7	267273	3381/DELNP/2004	24/03/2003	17/05/2002	COOLING APPARATUS FOR A MOLDED PLASTIC PART AND A METHOD THEREOF	HUSKY INJECTION MOLDING SYSTEMS LTD	09/10/2009	DELHI
8	267274	11/DELNP/2004	01/07/2002	02/07/2001	PROCESS FOR TRANSFERRING A COATING ONTO A SURFACE OF A LENS BLANK	ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE	24/02/2006	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	267216	1927/MUM/2009	20/08/2009 15:30:33	08/10/2008	METHOD FOR PRODUCING EXHAUST GAS PURIFYING CATALYST	mitsui mining & smelting co., ltd.	25/06/2010	MUMBAI
2	267217	1055/MUMNP/2008	19/11/2004	21/11/2003	A METHOD FOR OPERATING AN ACCESS TERMINAL	QUALCOMM INCORPORATED	08/08/2008	MUMBAI
3	267222	2734/MUMNP/2008	02/06/2006	02/06/2006	COMPOSITIONS CONTAINING ZINC SALTS FOR COATING MEDICAL ARTICLES	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK,VSP TECHNOLOGIES, INC.,VSP TECHNOLOGIES INC.	20/02/2009	MUMBAI
4	267223	1619/MUMNP/2008	15/01/2007	03/02/2006	CATHODE FOR ELECTROCHEMICAL REACTOR, ELECTROCHEMICAL REACTOR INCORPORATING SUCH CATHODES AND METHOD FOR MAKING SAID CATHODE	COMMISSARIAT A LENERGIE ATOMIQUE	19/12/2008	MUMBAI
5	267225	328/MUMNP/2009	12/07/2006	13/07/2006	A PROCESS FOR COMBINING THE CATALYTIC CONVERSION OF ORGANIC OXYGENATES AND THE CATALYTIC CONVERSION OF HYDROCARBONS	CHINA PETROLEUM & CHEMICAL CORPORATION,RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	08/05/2009	MUMBAI
6	267226	1808/MUMNP/2010	09/03/2009	10/03/2008	METHOD FOR AVOIDING DEGRADATED SPHEROIDIZATION AND POURING TEMPERATURE DROP OF LIQUID SPHEROIDAL GRAPHITE CAST IRON	WANG, YUXIN,LIU, JUREN	14/01/2011	MUMBAI

7	267228	719/MUM/2008	31/03/2008		IMPROVED PROCESS FOR HEAT STABLE CHLORINATED PARAFFIN WAX	ADITYA BIRLA SCIENCE & TECHNOLOGY COMPANY LTD.	30/10/2009	MUMBAI
8	267234	826/MUMNP/2010	29/10/2008	29/10/2007	EMULSION- DERIVED PARTICLES	CSIR	27/08/2010	MUMBAI
9	267237	1006/MUM/2007	30/05/2007 14:29:15		BILAYERED TABLET DOSAGE FORM OF DICLOFENAC AND MISOPROSTOL	WOCKHARDT LTD	20/03/2009	MUMBAI
10	267246	607/MUM/2011	04/03/2011 12:43:58		DIFFERENT STAINLESS STEEL CHEMICAL TREATMENT PICKLING COMPOUNDS & PROCESSES FOR THE PREPARATION THEREOF	MR. VINAY GOLWALA	20/05/2011	MUMBAI
11	267255	456/MUM/2011	18/02/2011 15:03:57		IMPROVED DENTAL LUTING CEMENTS	ARCHANA A. GUPTA	24/08/2012	MUMBAI
12	267259	1911/MUMNP/2007	11/05/2005	12/11/2007	SYNCHRONIZATION OF VODSL FOR DSLAM CONNECTED ONLY TO ETHERNET	TELEFONAKTIEBOL AGET L M ERICSSON (PUBL)	21/12/2007	MUMBAI
13	267266	2083/MUM/2006	20/12/2006 12:23:44		HIGHLY PURE POLYSIALIC ACID AND PROCESS FOR PREPARATION THEREOF	SERUM INSTITUTE OF INDIA LTD	25/07/2008	MUMBAI
14	267268	1520/MUMNP/2011	04/03/2010	11/03/2009	SUPERTRANSPAREN T HIGH IMPACT STRENGTH RANDOM BLOCK COPOLYMER	LUMMUS NOVOLEN TECHNOLOGY GMBH	09/03/2012	MUMBAI
15	267277	1057/MUMNP/2008	20/12/2006	22/12/2005	COMMUNICATIONS METHODS AND APPARATUS FOR USING A SINGLE LINK WITH MULTIPLE PHYSICAL LAYER CONNECTIONS	QUALCOMM INCORPORATED	03/10/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	207236	812/CHENP/2003	19/08/1999	21/08/1998	NEW ORAL FORMULATION	NOVARTIS AG		CHENNAI
2	267213	810/CHENP/2009	05/09/2007	08/09/2006	A METHOD AND APPARATUS FOR RESOURCE MANAGEMENT	QUALCOMM INCORPORATED	21/08/2009	CHENNAI
3	267214	5325/CHENP/2009	11/02/2008	12/02/2007	POLYMERIC COMPOSITE OF HIGH SOFTNESS AND HIGH LOFT FOR WIPES	DOW GLOBAL TECHNOLOGIES LLC	11/11/2011	CHENNAI
4	267220	1680/CHENP/2008	27/09/2006	06/10/2005	OXAZINE DISULFIDE DYES	BASF SE	26/12/2008	CHENNAI
5	267227	925/CHENP/2008	24/08/2006	26/08/2005	PIPERIDINE DERIVATIVE HAVING PPAR AGONISTIC ACTIVITY	SHIONOGI & CO., LTD, INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC	28/11/2008	CHENNAI
6	267229	6362/CHENP/2008	30/05/2007	30/05/2006	MIRRORING OF ACTIVITY BETWEEN ELECTRONIC DEVICES	Dell Products L.P.	21/08/2009	CHENNAI
7	267230	638/CHENP/2008	26/06/2006	07/07/2005	DEVICE FOR TRANSPORTING CHAINS	I.P. Huse AS	28/11/2008	CHENNAI
8	267231	3943/CHENP/2008	29/12/2006	29/12/2005	AN ELONGATE SELF-CURLING SLEEVE FOR PROTECTING ELONGATED MEMBERS AND A METHOD OF FABRICATING THE SAME	FEDERAL-MOGUL CORPORATION	13/03/2009	CHENNAI
9	267232	180/CHE/2009	28/01/2009		SYSTEM FOR DUAL COMPRESSION OF DATA OVER A DUAL COMMUNICATION CHANNEL	SOORYA K.N	06/08/2010	CHENNAI
10	267233	427/CHE/2007	02/03/2007	02/02/2006	A COMBING DEVICE FOR A COMBING MACHINE	GRAF + CIE AG	28/11/2008	CHENNAI
11	267236	446/CHE/2005	18/04/2005	19/04/2004	ELECTRONIC PROTECTION DEVICES FOR AUTOMATIC CIRCUIT-BREAKERS	ABB S.p.A	27/07/2007	CHENNAI

12	267238	126/CHENP/2008	07/07/2006	08/07/2005	LAYERED FILM COMPOSITIONS AND PACKAGES PREPARED THEREFROM	DOW GLOBAL TECHNOLOGIES,LLC	19/09/2008	CHENNAI
13	267239	4145/CHENP/2007	21/04/2006	22/04/2005	INSULATED CONDUCTOR TEMPERATURE LIMITED HEATER FOR SUBSURFACE HEATING COUPLED IN A THREE-PHASE WYE CONFIGURATION	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	16/11/2007	CHENNAI
14	267241	1696/CHENP/2009	23/10/2007	26/10/2006	PROGRESSIVE INFORMATION BEACON SYMBOLS	QUALCOMM INCORPORATED	26/06/2009	CHENNAI
15	267242	2135/CHENP/2009	10/01/2003	11/01/2002	START-UP METHOD FOR SHELL TUBE TYPE REACTOR	MITSUBISHI CHEMICAL CORPORATION	26/03/2010	CHENNAI
16	267244	2964/CHE/2007	11/12/2007		A PEDAL OPERATED COMPOSITE COCOON HARVESTER	CENTRAL SERICULTURE RESEARCH AND TRAINING INSTITUTE	16/10/2009	CHENNAI
17	267245	2714/CHE/2007	21/11/2007		A MOUNTAGES USED FOR PRODUCTION OF COCOONS	CENTRAL SERICULTURE RESEARCH AND TRAINING INSTITUTE	02/04/2010	CHENNAI
18	267247	1083/CHE/2006	26/06/2006 14:59:47		A NEW IMPROVED PROCESS FOR THE PREPARATION OF TRANDOLAPRIL FORM II	AUROBINDO PHARMA LIMITED	28/11/2008	CHENNAI
19	267250	2929/CHENP/2007	30/11/2004	30/11/2004	METHOD AND APPARATUS FOR DETERMINING FLOW PRESSURE USING DENSITY INFORMATION	MICRO MOTION ,INC	07/09/2007	CHENNAI
20	267251	579/CHE/2009	13/03/2009	04/07/2008	A DRIVER'S SEAT OF A WORK VEHICLE	KUBOTA CORPORATION	08/01/2010	CHENNAI
21	267254	418/CHE/2006	09/03/2006		QUANTIFICATION OF CAMOUFLAGE IN NEAR INFRA RED AND COLOUR MATCHING IN VISIBLE RANGE	RAMESH DATLA	28/12/2007	CHENNAI
22	267260	3820/CHENP/2007	03/03/2005	03/03/2005	PROCESS FOR PRODUCING NON WOVEN FABRICS	AHLSTROM CORPORATION	21/12/2007	CHENNAI
23	267261	164/CHENP/2008	13/06/2006	13/06/2005	FIRE SUPPRESSION SYSTEM USING HIGH VELOCITY LOW PRESSURE EMITTERS	VICTAULIC COMPANY	19/09/2008	CHENNAI
24	267262	951/CHENP/2009	13/09/2007	10/03/2006	BEACON ASSISTED CELL SEARCH IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM Incorporated	05/06/2009	CHENNAI

25	267264	1729/CHE/2006	20/09/2006	20/09/2005	SUCTION-EXTRACTION DEVICE FOR A DRAWFRAME	MASCHINENFABRIK RIETER AG	07/12/2007	CHENNAI
26	267265	5804/CHENP/200 8	19/04/2007	28/04/2006	CARBON FIBER	TOHO TENAX EUROPE GmbH	27/03/2009	CHENNAI
27	267269	3679/CHENP/200 7	23/02/2006	23/02/2005	SUPERCONDUCTIVE ARTICLES HAVING DENSITY CHARACTERISTICS	SUPERPOWER, INC.	16/11/2007	CHENNAI
28	267270	4988/CHENP/200 8	21/02/2007	21/02/2006	A PROCESS FOR THE PREPARATION OF BARIUM SULFATE HAVING AN ORGANICALLY MODIFIED SURFACE	SACHTLEBEN CHEMIE GMBH	13/03/2009	CHENNAI
29	267276	4711/CHENP/200 9	12/02/2008	12/02/2007	SMALL SPOT X-RAY FLUORESCENCE (XRF) ANALYZER	Thermo NITTON Analyzers LLC	06/11/2009	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	267212	330/KOLNP/2009	13/07/2007	26/07/2006	CAMPTOTHECIN DERIVATIVES WITH ANTITUMOR ACTIVITY	INDENA S.P.A.	08/05/2009	KOLKATA
2	267215	1300/KOL/2008	30/07/2008	30/07/2007	A POWER SWITCH APPARATUS AND AN AUTOMATED DRIVE SYSTEM WITH INTEGRATED GATE DRIVE CIRCUITRY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
3	267218	IN/PCT/2002/423/KOL	26/07/2001	31/07/2000	AN ELECTRONIC ASSEMBLY FOR A DATA PROCESSING SYSTEM, A SUBSTRATE TO PACKAGE A DIE, USED IN SAID ELECTRONIC ASSEMBLY, AND METHOD OF MAKING THE SAME	INTEL CORPORATION	05/12/2014	KOLKATA
4	267219	2463/KOLNP/2006	30/03/2005	01/04/2004	SYNERGISTICALLY ACTING HERBICIDAL MIXTURES.	BASF SE	25/05/2007	KOLKATA
5	267224	2441/KOLNP/2005	11/06/2004	16/06/2003	EXTRACTION PROCESS FOR REACTIVE METAL OXIDES	THE UNIVERSITY OF LEEDS	13/10/2006	KOLKATA
6	267248	979/KOL/2006	26/09/2006	21/11/2006	A FILTER APPARATUS FOR A VEHICLE AND A METHOD FOR PROVIDING FILTERED FUEL TO A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	18/07/2008	KOLKATA
7	267249	979/KOLNP/2007	30/09/2004	30/09/2004	SURGICAL STAPLING INSTRUMENT	ETHICON ENDO-SURGERY, INC	13/07/2007	KOLKATA
8	267252	1394/KOL/2006	22/12/2006 15:55:13		ON-LINE LED OPACITY MONITOR FOR A DUCT, CHIMNEY OR STACK	MECON LIMITED	11/07/2008	KOLKATA
9	267253	3128/KOLNP/2008	29/12/2006	30/12/2005	A SURGICAL SCALPEL HAVING ARRANGEMENT OF HANDLE WITH REMOVABLE DISPOSABLE BLADE	PETERSEN, THOMAS, D.	06/02/2009	KOLKATA
10	267256	267/CAL/2000	04/05/2000	24/05/1999	PROCESS FOR PRODUCING 3-METHYLTETRAHYDRO FURAN AND PROCESS FOR PRODUCING AN INTERMEDIATE THEREOF	KURARAY CO., LTD.	28/11/2014	KOLKATA

11	267257	1052/KOL/2006	12/10/2006	21/10/2005	ELECTRICALLY VARIABLE TRANSMISSION WITH CONTINUOUSLY VARIABLE RANGE OF SPEED RATIOS	GM GLOBAL TECHNOLOGY OPERATIONS INC	29/06/2007	KOLKATA
12	267258	2616/KOLNP/2007	12/01/2006	12/01/2005	METHODS AND APPARATUS FOR MANAGING DELETION OF DATA	EMC CORPORATION	31/08/2007	KOLKATA
13	267267	1022/KOLNP/2008	21/09/2006	30/09/2005	AN IMPROVED INTAKE UNIT FOR FUEL TANKS	VDO AUTOMOTIVE AG	19/12/2008	KOLKATA
14	267271	2489/KOLNP/2009	06/12/2007	07/12/2006	PURIFICATION DEVICE FOR GASES	BEKO TECHNOLOGIES GMBH,KAYSER, MARTIN (A LEGAL REPRESENTATIVE OF DECEASED INVENTOR)	23/10/2009	KOLKATA
15	267275	4797/KOLNP/2007	28/06/2006	30/06/2005	A ROTOR FOR AN ELECTRICAL MACHINE	SPAL AUTOMOTIVE S.R.L.	15/02/2008	KOLKATA
16	267278	2201/KOLNP/2009	10/12/2007	14/12/2006	PROCESS FOR THE PREPARATION OF PIPERAZINYL AND DIAZEPANYL BENZAMIDE DERIVATIVES	JANSSEN PHARMACEUTICA N.V.	03/07/2009	KOLKATA

CONTINUED TO PART-3

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000
(SECTION 30)
DESIGN ASSIGNMENT

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
237472 237473 237475	14-01 237475 (10-01)	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000

“The Asstt. Controller of Patents & Designs by his order dated 6/7/2015 in respect of petition for cancellation (Petition No. Can/055/2011) filed by Princeware International Private Limited, a company incorporated under the Indian Companies Act, at Omkar Esquare, 7th Floor, Opp. Sion-Chunabhatti Signal, Eastern Express Highway, Sion (E), Mumbai 400 022, Maharashtra, India on 29/8/2011 cancelled the registration of registered Design No. 199650 dated 26/5/2005 under Class 07-07 titled as ‘Ice Box/Ice Chest’ in the name of Tokyo Plast International Ltd., Tokyo House, 9/49, Marol Co-op Industrial Estate, M.V. Road, Saki Naka, Andheri (E), Mumbai 400059, State of Maharashtra, India, a limited company incorporated under Indian Companies Act, of above address.”

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	199290	19.05.2015
2.	199462	19.05.2015
3.	201112	19.05.2015
4.	198236	20.05.2015
5.	198257	20.05.2015
6.	198780	20.05.2015
7.	200548	20.05.2015
8.	201792	20.05.2015
9.	199135	20.05.2015
10.	199289	20.05.2015
11.	191086	23.06.2015

REGISTRATION OF DESIGNS

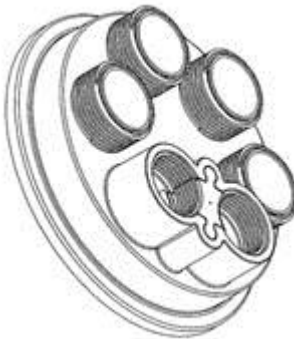
The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	265045	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	205599	
CLASS	13-03	
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF. MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI :-400093, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	03/07/2006	
TITLE	MODULAR PLATE WITH INDICATOR	
PRIORITY NA		
DESIGN NUMBER	220574	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	200324	
CLASS	11-01	
1)MRS. PUNITA TRRIKHA OF S-69, GREATER KAILASH I, NEW DELHI 110048, INDIA, AN INDIAN NATIONAL.		
DATE OF REGISTRATION	11/07/2005	
TITLE	EARRINGS	
PRIORITY NA		

DESIGN NUMBER	265051	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	220577	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

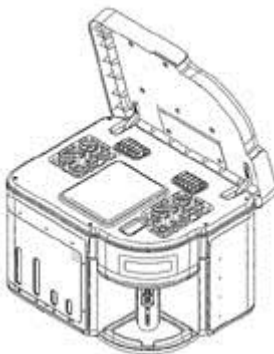
DESIGN NUMBER	263552		
CLASS	13-03		
1)ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123 KARLSKRONA, SWEDEN			
DATE OF REGISTRATION	20/06/2014		
TITLE	LID OF A SPLICE BOX		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002376459	23/12/2013	OHIM	
DESIGN NUMBER	260737		
CLASS	09-03		
1)MR. KHIMJI MADAN GINDRA IS A PARTNER-AN INDIA RESIDENT TRADING AS RIGHT INDUSTRIES WHOSE ADDRESS A-141, GHATKOPAR INDUSTRIES ESTATE, AMRUT NAGAR ROAD, BEHIND R-CITY MALL, GHATKOPAR (W) MUMBAI-400086 MAHARASHTRA, INDIA			
DATE OF REGISTRATION	03/03/2014		
TITLE	CONTAINER		
PRIORITY NA			
DESIGN NUMBER	265886		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	24/09/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	265056		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	25/08/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	266159		
CLASS	23-04		
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY			
DATE OF REGISTRATION	29/09/2014		
TITLE	COOLING FAN FOR TRANSFORMER		
PRIORITY NA			

DESIGN NUMBER	220582		
CLASS	06-11		
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA)			
DATE OF REGISTRATION	30/12/2008		
TITLE	CARPET		
PRIORITY NA			

DESIGN NUMBER	199770		
CLASS	28-02		
1)ITC LIMITED, AN INDIAN COMPANY, OF VIRGINIA HOUSE, 37, J.L. NEHRU ROAD, KOLKATA-700071, STATE OF WEST BENGAL, INDIA			
DATE OF REGISTRATION	10/06/2005		
TITLE	SOAP		
PRIORITY NA			

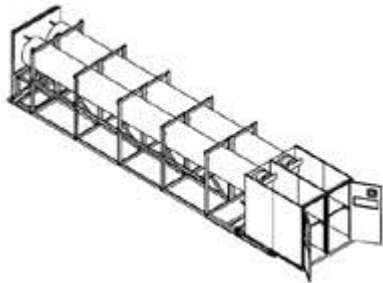
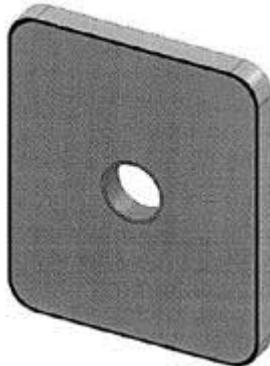
DESIGN NUMBER	264103		
CLASS	24-02		
1)LIFE TECHNOLOGIES CORPORATION, A CORPORATION OF THE SATE OF DELAWARE HAVING A PLACE OF BUSINESS AT 5791 VAN ALLEN WAY, CARLSBAD, CALIFORNIA 92008, USA			
DATE OF REGISTRATION	17/07/2014		
TITLE	FLOW CYTOMETER HOUSING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/481,232	03/02/2014	U.S.A.	

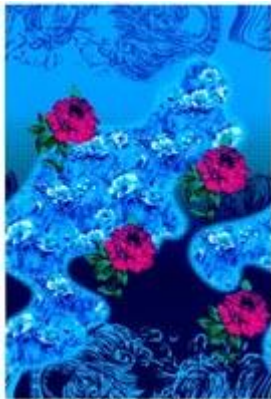
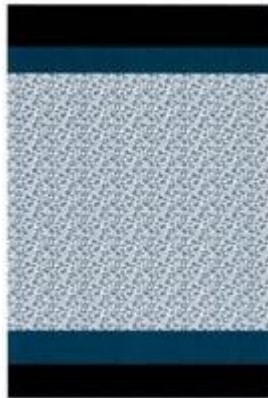
DESIGN NUMBER	262310		
CLASS	25-01		
1)SHIVA INDUSTRIES, AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS RAKESH JHINGAN, HAVING OFFICE ADDRESS AT SHED NO. 33, D.S.I.D.C., SCHEME-1, OKHLA INDUSTRIAL AREA, PHASE-II, NEW DELHI-110020, INDIA			
DATE OF REGISTRATION	02/05/2014		
TITLE	FALSE CEILING TILE		
PRIORITY NA			

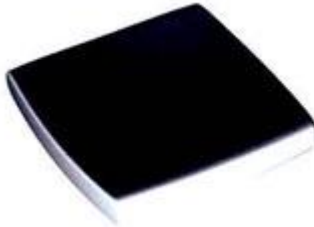
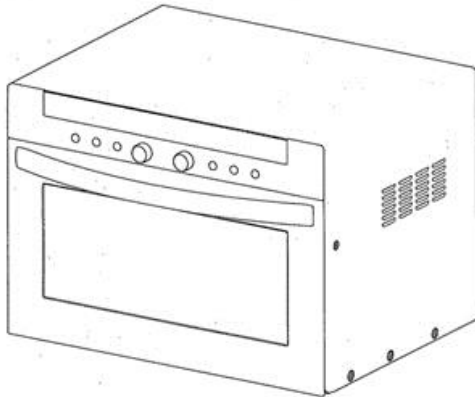
DESIGN NUMBER	265889			
CLASS	05-05			
1. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	24/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

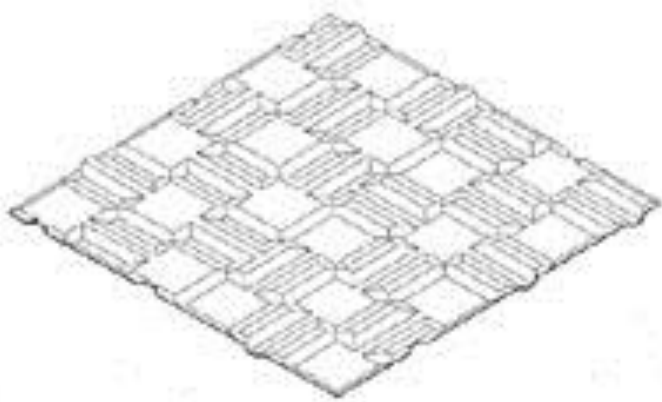
DESIGN NUMBER	265060			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	266032			
CLASS	06-01			
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY				
DATE OF REGISTRATION	25/09/2014			
TITLE	SEATING MEMBER OF A VEHICLE SEAT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002434571	27/03/2014	OHIM		

DESIGN NUMBER	266164			
CLASS	22-04			
1)ZEN TECHNOLOGIES LIMITED, WHOSE ADDRESS IS B-42, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERABAD-500018, TELANGANA AND WHOSE NATIONALITY IS INDIA				
DATE OF REGISTRATION	29/09/2014			
TITLE	CONTAINERIZED TARGET ASSEMBLY FOR SHOOTING PRACTICE			
PRIORITY NA				
DESIGN NUMBER	266416			
CLASS	13-03			
1)M & I MATERIALS LIMITED, A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING IN UNITED KINGDOM HAVING REGISTERED OFFICE AT HIBERNIA WAY, TRAFFORD PARK, MANCHESTER, M32 0ZD, UNITED KINGDOM				
DATE OF REGISTRATION	07/10/2014			
TITLE	VARISTOR DISC			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2436774	02/04/2014	OHIM		
DESIGN NUMBER	266636			
CLASS	28-03			
1)UDIT AGARWAL, AN INDIAN CITIZEN, C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA				
DATE OF REGISTRATION	10/10/2014			
TITLE	BATH SET			
PRIORITY NA				

DESIGN NUMBER	199867	
CLASS	12-16	
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI-110 028, INDIA.		
DATE OF REGISTRATION	14/06/2005	
TITLE	GEAR LOCK BRACKET	
PRIORITY NA		
DESIGN NUMBER	265062	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265895	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266034		
CLASS	06-13		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY			
DATE OF REGISTRATION	25/09/2014		
TITLE	VEHICLE SEAT COVER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002434571	27/03/2014	OHIM	
DESIGN NUMBER	267831		
CLASS	07-02		
1)LG ELECTRONICS INC. 128 YEOUNI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA			
DATE OF REGISTRATION	28/11/2014		
TITLE	MICROWAVE OVEN		
PRIORITY NA			
DESIGN NUMBER	199869		
CLASS	12-16		
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI-110 028, INDIA.			
DATE OF REGISTRATION	14/06/2005		
TITLE	GEAR LOCK BRACKET		
PRIORITY NA			

DESIGN NUMBER	264027		
CLASS	12-16		
1)NIPPON STEEL & SUMITOMO METAL CORPORATION, INCORPORATED UNDER THE LAWS OF JAPAN, OF 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071 JAPAN			
DATE OF REGISTRATION	15/07/2014		
TITLE	PANEL FOR TRANSPORT SYSTEMS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-000616	15/01/2014	JAPAN	

DESIGN NUMBER	265031		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	25/08/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

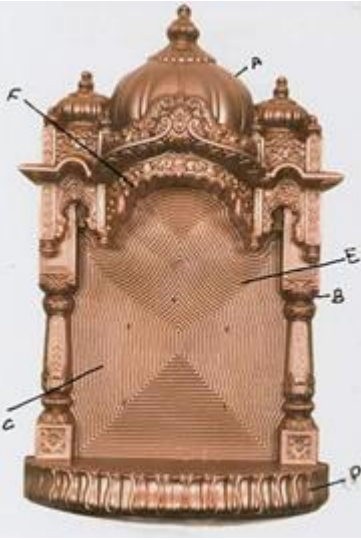
DESIGN NUMBER	266276		
CLASS	15-03		
1)MILLTEC MACHINERY PRIVATE LIMITED OF NO. 51-A, 1ST PHASE KIADB INDL AREA, BOMMASANDRA, BANGALORE-560099, STATE OF KARNATAKA, INDIA, AN INDIAN COMPANY			
DATE OF REGISTRATION	29/09/2014		
TITLE	RICE WHITENER		
PRIORITY NA			

DESIGN NUMBER	265908	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	220563	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, (INDIA) (RAJASTHAN), INDIA & INDIAN NATIONALITY.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265035	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265953	
CLASS	05-05	
1.SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266581	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	220567	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

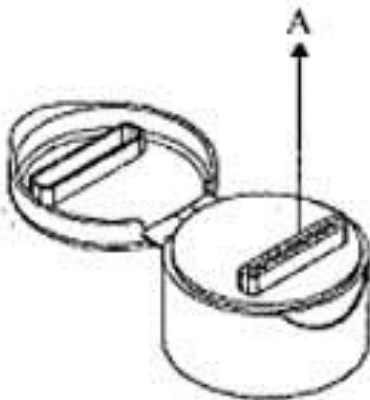
DESIGN NUMBER	265034	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265911	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266580	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	266878	
CLASS	26-04	
1) VIJAY K. BHANDANI; 2) RAHUL N. BHANDANI; 3) VIJAY A. MANGUKIYA & 4) HIREN P. KATHROTIYA ALL INDIAN NATIONALS AND PARTNERS OF CHARLSTON LIGHTS OF 219 MARUTI PLAZA, OPP. VIJAY PARK BRTS BUS STAND, SARDAR CHOWK, 100TH ROAD, N.H.NO.8, KRISHNA NAGAR, AHMEDABAD 382345, GUJARAT, INDIA		
DATE OF REGISTRATION	22/10/2014	
TITLE	LED BULB	
PRIORITY NA		

DESIGN NUMBER	263062	
CLASS	09-03	
1)NAYASA POLYPLAST OF G-9 UDYOG NAGAR O.I.D.C., RINGANVADA NANI DAMAN, DAMAN-396210, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE DINESH LAXMINARAYAN MALIK & MANASI SACHDEV, ALL INDIAN NATIONALS		
DATE OF REGISTRATION	03/06/2014	
TITLE	CONTAINER WITH LID	
PRIORITY NA		

DESIGN NUMBER	260434	
CLASS	09-07	
1)ZYDUS WELLNESS LTD. SIGMA COMMERCE ZONE, NEAR ISCON CROSS ROAD, B/H GALLOPS MALL, AMBLI-BOPAL ROAD, AHMEDABAD 380 015,INDIAN		
DATE OF REGISTRATION	18/02/2014	
TITLE	DISPENSING CLOSURE	
PRIORITY NA		

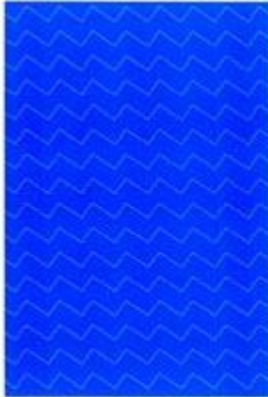
DESIGN NUMBER	220566	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265954	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	220568	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002 RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

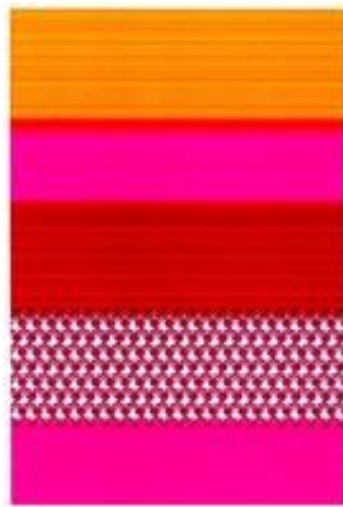
DESIGN NUMBER	265033	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	220565	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265040	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265955			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.				
DATE OF REGISTRATION	24/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	266106			
CLASS	06-01			
1)A3NP INDÚSTRIA E COMÉRCIO DE MÓVEIS S/A, A BRAZILIAN COMPANY OF RUA IGUAATEMI, 192, CONJUNTO 174 B, ITAIM BIBI, SÃO PAULO-SP, ZIP CODE: 01451-010 BRAZIL				
DATE OF REGISTRATION	29/09/2014			
TITLE	CHAIR			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
BR302014001491-9	04/04/2014	BRAZIL		
DESIGN NUMBER	267796			
CLASS	07-01			
1)MR. RAJESH ASRANI (INDIVIDUAL) WHOSE ADDRESS IS BUILDING NO. 8/B, FLAT NO. 132, SEVA SAMITI CO-OPERATIVE HOUSING SOCIETY LTD., MUMBAI-400 037, MAHARASHTRA, INDIA.				
DATE OF REGISTRATION	28/11/2014			
TITLE	CUP			
PRIORITY NA				

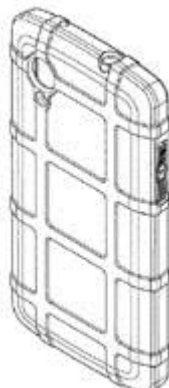
DESIGN NUMBER	220569	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, (RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265047	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267814	
CLASS	15-05	
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1913, OF APPLIANCE DIVISION, PLANT 11, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA		
DATE OF REGISTRATION	28/11/2014	
TITLE	WASHING MACHINE WITH DETACHABLE LAUNDRY BAG	
PRIORITY NA		

DESIGN NUMBER	263550			
CLASS	13-03			
1)ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123 KARLSKRONA, SWEDEN				
DATE OF REGISTRATION	20/06/2014			
TITLE	LID OF A SPLICE BOX			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002376459	23/12/2013	OHIM		

DESIGN NUMBER	200329			
CLASS	11-01			
1)MRS. PUNITA TRRIKHA OF S-69, GREATER KAILASH I, NEW DELHI 110048, INDIA, AN INDIAN NATIONAL.				
DATE OF REGISTRATION	11/07/2005			
TITLE	CHOKER AND EARRINGS SET			
PRIORITY NA				
DESIGN NUMBER	265043			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

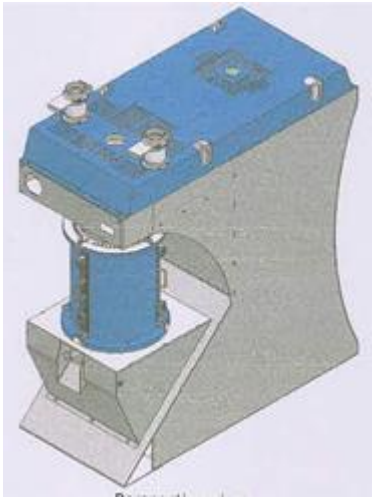
DESIGN NUMBER	265962			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.				
DATE OF REGISTRATION	24/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	266123			
CLASS	03-01			
1)MAGPUL INDUSTRIES CORPORATION 400 YOUNG COURT, UNIT 1 ERIE, COLORADO 80516 UNITED STATES OF AMERICA A COLORADO CORPORATION				
DATE OF REGISTRATION	26/09/2014			
TITLE	CASE FOR A SMART PHONE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/486,199	27/03/2014	U.S.A.		
DESIGN NUMBER	267805			
CLASS	07-01			
1)RAVISSANT PRIVATE LIMITED, AN INDIAN COMPANY, OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA				
DATE OF REGISTRATION	28/11/2014			
TITLE	BOWL			
PRIORITY NA				

DESIGN NUMBER	220572	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	200607	
CLASS	26-02	
1)THE ENERGY AND RESOURCES INSTITUTE, DARBARI SETH BLOCK, IHC COMPLEX, LODHI ROAD, NEW DELHI 110003, INDIA, AN INDIAN INSTITUTE.		
DATE OF REGISTRATION	01/08/2005	
TITLE	TORCH	
PRIORITY NA		

DESIGN NUMBER	265032	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265909	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266277	
CLASS	15-03	
1)MILLTEC MACHINERY PRIVATE LIMITED OF NO. 51-A, 1ST PHASE KIADB INDL AREA, BOMMASANDRA, BANGALORE-560 099, STATE OF KARNATAKA, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	RICE WHITENER	
PRIORITY NA		

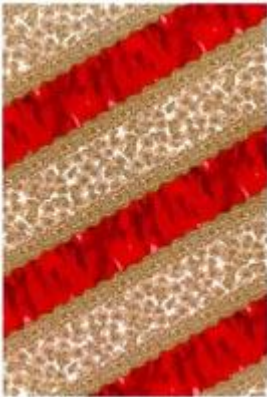
DESIGN NUMBER	220564	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265041	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

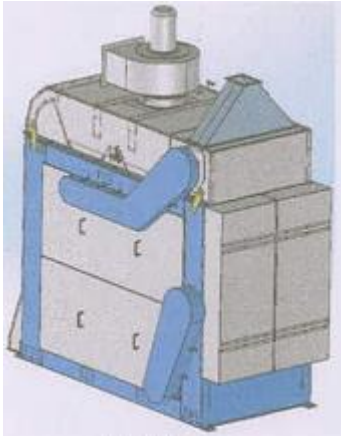
DESIGN NUMBER	265960	
CLASS	05-05	
1.SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267797	
CLASS	07-01	
1)MR. RAJESH ASRANI (INDIVIDUAL) WHOSE ADDRESS IS BUILDING NO. 8/B, FLAT NO. 132, SEVA SAMITI CO-OPERATIVE HOUSING SOCIETY LTD., MUMBAI-400 037, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	28/11/2014	
TITLE	CUP	
PRIORITY NA		

DESIGN NUMBER	267232		
CLASS	15-07		
1)AHT COOLING SYSTEMS GMBH, A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING IN AUSTRIA HAVING REGISTERED OFFICE AT WERKSGASSE 57, A-8786 ROTTENMANN, AUSTRIA,			
DATE OF REGISTRATION	07/11/2014		
TITLE	REFRIGERATING APPARATUS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
CD 002464354-0002	14/05/2014	OHIM	
DESIGN NUMBER	220570		
CLASS	06-11		
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.			
DATE OF REGISTRATION	30/12/2008		
TITLE	CARPET		
PRIORITY NA			
DESIGN NUMBER	265030		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	25/08/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	265070	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

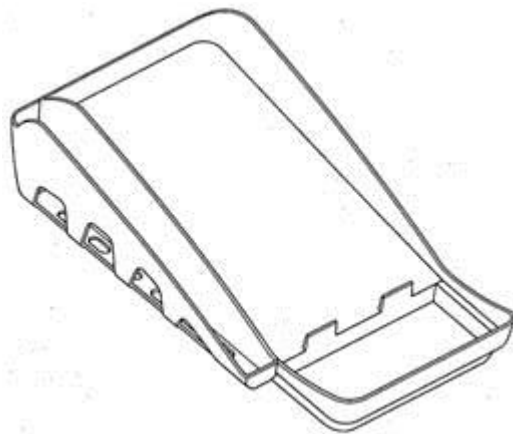
DESIGN NUMBER	265907	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266275	
CLASS	15-03	
1)MILLTEC MACHINERY PRIVATE LIMITED OF NO. 51-A, 1ST PHASE KIADB INDL AREA, BOMMASANDRA, BANGALORE-560 099, STATE OF KARNATAKA, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	GRAIN FINE CLEANER	
PRIORITY NA		

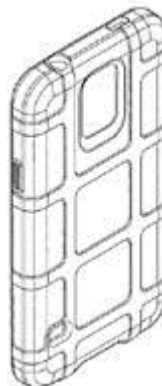
DESIGN NUMBER	266576	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	263774	
CLASS	21-01	
1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT, A GERMAN COMPANY OF PORSCHEPLATZ 1, 70435 STUTTGART, GERMANY		
DATE OF REGISTRATION	01/07/2014	
TITLE	TOY CAR	
PRIORITY NA		

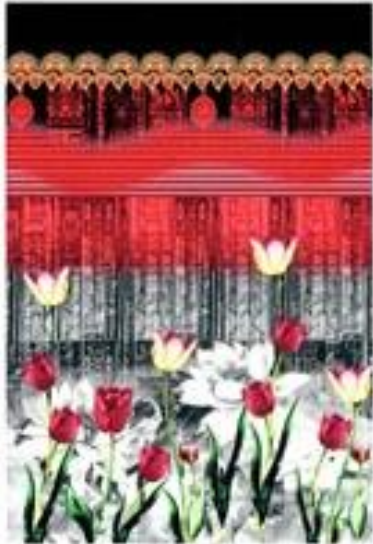
DESIGN NUMBER	265068	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266212	
CLASS	07-02	
1)RAVI RAY, OF SITARAM PATH, NEAR KAMLA VIDEO HALL, CHAKRADHARPUR, WEST SINGHBHUM, BIHAR-833102, INDIA, AN INDIAN NATIONAL.		
DATE OF REGISTRATION	29/09/2014	
TITLE	BIOMASS OVEN	
PRIORITY NA		
DESIGN NUMBER	265903	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266574	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	266668		
CLASS	14-03		
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014 UNITED STATES OF AMERICA A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA			
DATE OF REGISTRATION	10/10/2014		
TITLE	MOBILE PHONE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/489,981	05/05/2014	U.S.A.	
DESIGN NUMBER			
266858			
CLASS			
02-02			
1)HEMANT HINGARH (INDIAN NATIONAL) OF A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA.			
DATE OF REGISTRATION			
21/10/2014			
TITLE			
RAINSUIT			
PRIORITY NA			
DESIGN NUMBER			
262160			
CLASS			
05-06			
1)NAYASA POLYPLAST OF G-9 UDYOG NAGAR O.I.D.C., RINGANVADA NANI DAMAN, DAMAN-396210, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE DINESH LAXMINARAYAN MALIK & MANASI SACHDEV, ALL INDIAN NATIONALS			
DATE OF REGISTRATION			
30/04/2014			
TITLE			
FOIL FOR PLASTIC DISH			
PRIORITY NA			
			

DESIGN NUMBER	265044			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	266124			
CLASS	03-01			
1)MAGPUL INDUSTRIES CORPORATION 400 YOUNG COURT, UNIT 1 ERIE, COLORADO 80516 UNITED STATES OF AMERICA A COLORADO CORPORATION				
DATE OF REGISTRATION	26/09/2014			
TITLE	CASE FOR A SMART PHONE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/491, 411	21/05/2014	U.S.A.		
DESIGN NUMBER	220573			
CLASS	06-11			
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.				
DATE OF REGISTRATION	30/12/2008			
TITLE	CARPET			
PRIORITY NA				

DESIGN NUMBER	200304		
CLASS	23-02		
1) KOHLER FRANCE SAS, A FRENCH COMPANY OF 60 RUE DE TURENNE, CEDEX 03, 75139, PARIS, FRANCE			
DATE OF REGISTRATION	07/01/2005		
TITLE	TUB FOR BATHING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/220,851	07/01/2005	U.S.A.	

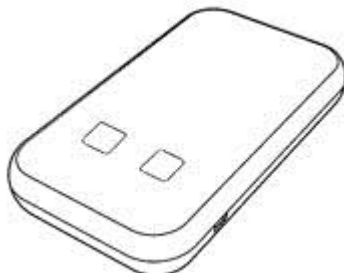
DESIGN NUMBER	265042		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	25/08/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	265961		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J.J. A/C. MARKET, RING ROAD, SURAT-395002 (GURAJAT) INDIA.			
DATE OF REGISTRATION	24/09/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

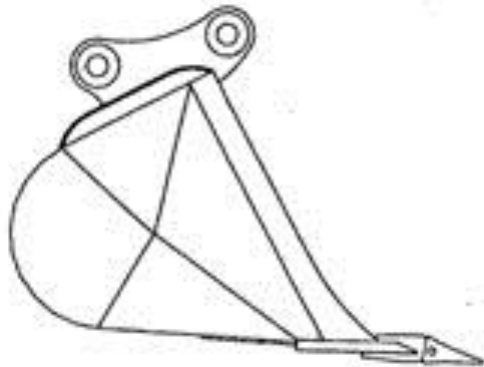
DESIGN NUMBER	267804	
CLASS	07-01	
1)RAVISSANT PRIVATE LIMITED, AN INDIAN COMPANY, OF 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA		
DATE OF REGISTRATION	28/11/2014	
TITLE	TEA POT	
PRIORITY NA		
DESIGN NUMBER	220571	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		
DESIGN NUMBER	265058	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265891			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	24/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	266030			
CLASS	06-01			
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY				
DATE OF REGISTRATION	25/09/2014			
TITLE	LEG FOR VEHICLE SEAT			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002434571		27/03/2014	OHIM	

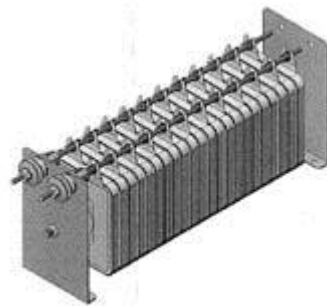
DESIGN NUMBER	266161			
CLASS	24-01			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	29/09/2014			
TITLE	ELECTROCARDIOGRAPHY DEVICE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002438366-0001		02/04/2014	OHIM	

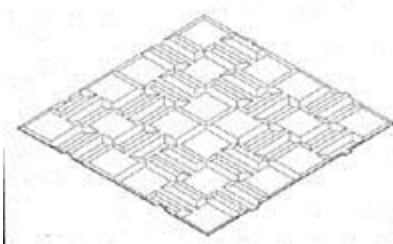
DESIGN NUMBER	199865	
CLASS	12-16	
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI-110028, INDIA.		
DATE OF REGISTRATION	14/06/2005	
TITLE	GEAR LOCK BRACKET	
PRIORITY NA		
DESIGN NUMBER	265890	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265061	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	216619		
CLASS	15-04		
1)SWIFT ASSETS PTY LTD., AN AUSTRALIAN COMPANY, OF C/-15 PATRICK STREET, AITKENVALE, TOWNSVILLE, QLD 4814, AUSTRALIA.			
DATE OF REGISTRATION	12/12/2007		
TITLE	EXCAVATOR BUCKET		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
21210/2007	12/12/2007	AUSTRALIA	

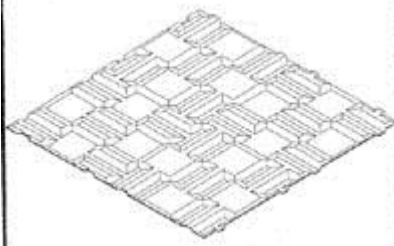
DESIGN NUMBER	265894		
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.			
DATE OF REGISTRATION	24/09/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

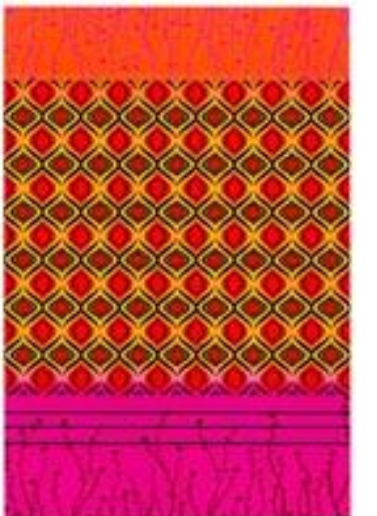
DESIGN NUMBER	266033		
CLASS	06-01		
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY			
DATE OF REGISTRATION	25/09/2014		
TITLE	BACKREST OF A VEHICLE SEAT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002434571	27/03/2014	OHIM	

DESIGN NUMBER	266417			
CLASS	13-03			
1)M & I MATERIALS LIMITED, A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING IN UNITED KINGDOM HAVING REGISTERED OFFICE AT HIBERNIA WAY, TRAFFORD PARK, MANCHESTER, M32 0ZD, UNITED KINGDOM				
DATE OF REGISTRATION	07/10/2014			
TITLE	VARISTOR UNIT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2436774	02/04/2014	OHIM		

DESIGN NUMBER	199868			
CLASS	12-16			
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI- 110028, INDIA.				
DATE OF REGISTRATION	14/06/2005			
TITLE	GEAR LOCK BRACKET			
PRIORITY NA				
DESIGN NUMBER	264026			
CLASS	12-16			
1)NIPPON STEEL & SUMITOMO METAL CORPORATION, INCORPORATED UNDER THE LAWS OF JAPAN, OF 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071 JAPAN				
DATE OF REGISTRATION	15/07/2014			
TITLE	PANEL FOR TRANSPORT SYSTEMS			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2014-000617	15/01/2014	JAPAN		

DESIGN NUMBER	265024	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265064	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265899	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266042				
CLASS	06-01				
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY					
DATE OF REGISTRATION	25/09/2014				
TITLE	VEHICLE SEAT				
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
002434571		27/03/2014	OHIM		
DESIGN NUMBER	199870				
CLASS	12-16				
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI-110028, INDIA.					
DATE OF REGISTRATION	14/06/2005				
TITLE	GEAR LOCK BRACKET				
PRIORITY NA					
DESIGN NUMBER	264028				
CLASS	12-16				
1)NIPPON STEEL & SUMITOMO METAL CORPORATION, INCORPORATED UNDER THE LAWS OF JAPAN, OF 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071 JAPAN					
DATE OF REGISTRATION	15/07/2014				
TITLE	PANEL FOR TRANSPORT SYSTEMS				
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
2014-000618		15/01/2014	JAPAN		

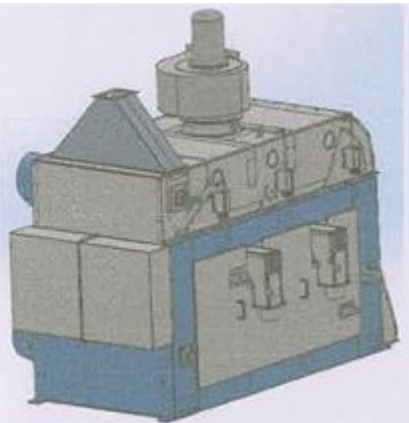
DESIGN NUMBER	265026	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., LTD. OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265066	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265901	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266572	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	268428	
CLASS	02-02	
1)M/S THE SAFFRON TREE, PARTNERSHIP FIRM, ADDRESS- 230 UDYOG VIHAR PHASE 4, GURGAON HARYANA INDIA, OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	26/12/2014	
TITLE	GARMENT	
PRIORITY NA		

DESIGN NUMBER	265029	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

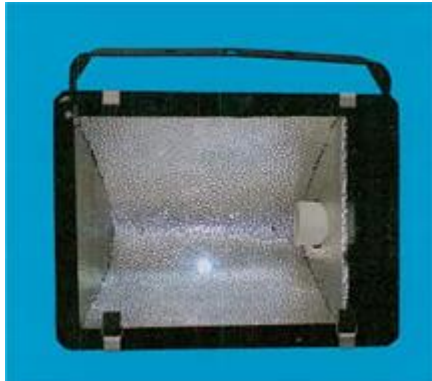
DESIGN NUMBER	265069	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266274	
CLASS	15-03	
1)MILLTEC MACHINERY PRIVATE LIMITED OF NO. 51-A, 1ST PHASE KIADB INDL AREA, BOMMASANDRA, BANGALORE-560099, STATE OF KARNATAKA, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	GRAIN FINE CLEANER	
PRIORITY NA		

DESIGN NUMBER	265906	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266575	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	266785	
CLASS	09-01	
1)AQUA PLUS ENTERPRISE (INDIA) PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS ADDRESS AT, 704/C, PHASE-IV, GIDC ESTATE, NARODA, AHMEDABAD-382330, GUJARAT STATE, INDIA		
DATE OF REGISTRATION	17/10/2014	
TITLE	BOTTLE	
PRIORITY NA		

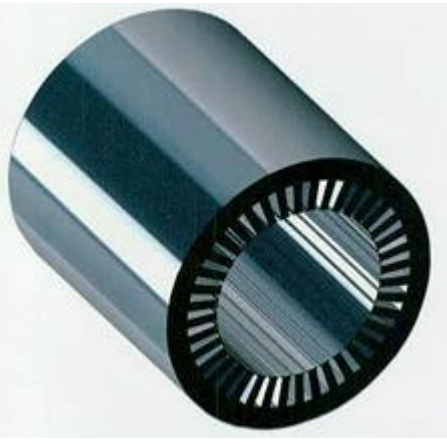
DESIGN NUMBER	266859	
CLASS	26-03	
1)FUTURAA LIGHTING COMPANY (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT OFFICE NO. 5, BLOCK NO. 8, 2ND FLOOR, 79, DEVKARAN MANSION, BUILDING NO. 1, PRINCESS STREET, MUMBAI- 400002 MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS DEEPAK CHOUHAN (INDIAN NATIONAL) OF ABOVE ADDRESS.		
DATE OF REGISTRATION	21/10/2014	
TITLE	FLOODLIGHT	
PRIORITY NA		

DESIGN NUMBER	263293	
CLASS	14-99	
1)MR. LALIT SHARMA (INDIAN NATIONAL) AT C-1ST/4, RAJU PARK, KHANPUR, NEW DELHI-110062 (INDIA)		
DATE OF REGISTRATION	12/06/2014	
TITLE	LAPTOP STAND	
PRIORITY NA		

DESIGN NUMBER	265586	
CLASS	09-03	
1)GODFREY PHILLIPS INDIA LIMITED, AN INDIAN COMPANY OF GODFREY PHILLIPS HOUSE, 49, COMMUNITY CENTRE, FRIENDS COLONY, NEW DELHI 100025, INDIA		
DATE OF REGISTRATION	10/09/2014	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	265884	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265054			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	266157			
CLASS	13-99			
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY				
DATE OF REGISTRATION	29/09/2014			
TITLE	STAMPING FOR STATOR			
PRIORITY NA				

DESIGN NUMBER	208161			
CLASS	12-08			
1)DAIMLERCHRYSLER CORPORATION, OF 1000, CHRYSLER DRIVE, AUBURN HILLS, MICHIGAN 48326-2766, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	03/08/2006			
TITLE	MOTOR CAR BODY			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/248,213	03/08/2006	U.S.A.		

DESIGN NUMBER	220580	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	265027	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265067	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266211	
CLASS	07-02	
1)RAVI RAY, OF SITARAM PATH, NEAR KAMLA VIDEO HALL, CHAKRADHARPUR, WEST SINGHBHUM, BIHAR-833102, INDIA, AN INDIAN NATIONAL.		
DATE OF REGISTRATION	29/09/2014	
TITLE	FIREBRICK FOR OVEN	
PRIORITY NA		

DESIGN NUMBER	265902	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266857	
CLASS	02-02	
1)HEMANT HINGARH (INDIAN NATIONAL) OF A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400 069, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	21/10/2014	
TITLE	RAINSUIT	
PRIORITY NA		

DESIGN NUMBER	210827			
CLASS	09-07			
1)DIAGEO BRANDS B.V., A COMPANY INCORPORATED UNDER THE LAWS OF THE NETHERLANDS, OF THE ADDRESS MOLENWERF 10-12, 1014 BG AMSTERDAM, THE NETHERLANDS				
DATE OF REGISTRATION	18/01/2007			
TITLE	SEALING CAP			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
000654413-0001		18/01/2007	OHIM	

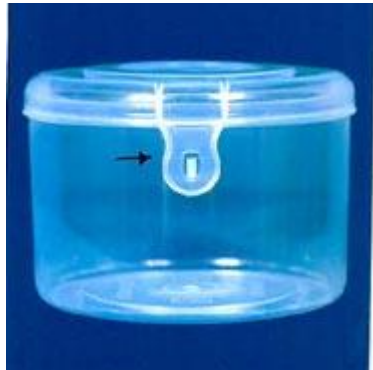
DESIGN NUMBER	263225			
CLASS	20-03			
1)BEHR PROCESS CORPORATION, A CALIFORNIA CORPORATION, OF THE ADDRESS 3400 W. SEGERSTROM AVENUE, SANTA ANA, CALIFORNIA 92704				
DATE OF REGISTRATION	10/06/2014			
TITLE	COLOR CARDS DISPLAY DEVICE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/476,931		18/12/2013	U.S.A.	

DESIGN NUMBER	268429			
CLASS	02-02			
1)M/S THE SAFFRON TREE, PARTNERSHIP FIRM, ADDRESS- 230 UDYOG VIHAR PHASE 4, GURGAON HARYANA INDIA, OF THE ABOVE ADDRESS				
DATE OF REGISTRATION	26/12/2014			
TITLE	GARMENT			
PRIORITY NA				

DESIGN NUMBER	262159	
CLASS	05-06	
1)NAYASA POLYPLAST OF G-9 UDYOG NAGAR O.I.D.C., RINGANVADA NANI DAMAN, DAMAN-396210, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE DINESH LAXMINARAYAN MALIK & MANASI SACHDEV, ALL INDIAN NATIONALS		
DATE OF REGISTRATION	30/04/2014	
TITLE	FOIL FOR PLASTIC DISH	
PRIORITY NA		
DESIGN NUMBER	265053	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266156	
CLASS	31-00	
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	BODY OF MIXER GRINDER	
PRIORITY NA		

DESIGN NUMBER	220579	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	199656	
CLASS	09-05	
1)SMC FOODS LIMITED, OF 4/654, BOMANJI ROAD, SAHARANPUR, UP-247001, INDIA, AN INDIAN COMPANY.		
DATE OF REGISTRATION	30/05/2005	
TITLE	POUCH	
PRIORITY NA		

DESIGN NUMBER	260739	
CLASS	09-03	
1)MR. KHIMJI MADAN GINDRA IS A PARTNER-AN INDIA RESIDENT TRADING AS RIGHT INDUSTRIES WHOSE ADDRESS A-105, GHATKOPAR INDUSTRIES ESTATE, AMRUT NAGAR ROAD, BEHIND R- CITY MALL, GHATKOPAR (W) MUMBAI-400086 MAHARASHTRA, INDIA		
DATE OF REGISTRATION	03/03/2014	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	199378	
CLASS	06-04	
1)HIGHLAND HOUSE PVT. LTD., AN INDIAN PRIVATE LIMITED COMPANY, OF ADDRESS AT WARD NO. 16, P.O.-MANDAWA, DISTRICT-JHUNJHUNU, RAJASTHAN-333704		
DATE OF REGISTRATION	27/04/2005	
TITLE	WARDROBE	
PRIORITY NA		

DESIGN NUMBER	265885	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	24/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

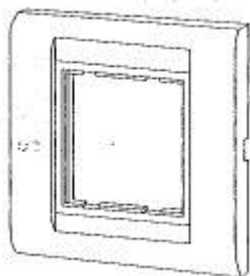
DESIGN NUMBER	265055	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266028	
CLASS	09-01	
1)M/S. G. R. INDUSTRIES, H-1316, D.S.I.D.C. INDUSTRIAL AREA, DELHI-110040, (INDIA) AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. RAJEEV SHARMA AN INDIAN NATIONAL OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	25/09/2014	
TITLE	BOTTLE	
PRIORITY NA		

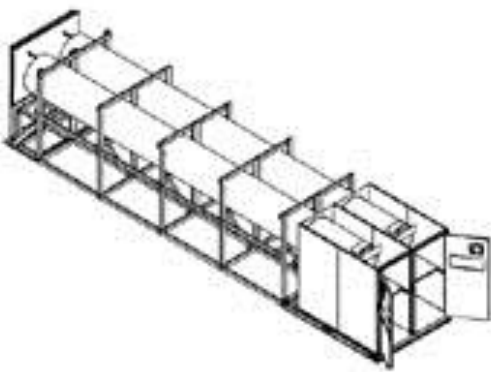
DESIGN NUMBER	266158	
CLASS	13-99	
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	STAMPING FOR ROTOR	
PRIORITY NA		

DESIGN NUMBER	220581	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	199768	
CLASS	28-02	
1)ITC LIMITED, AN INDIAN COMPANY, OF VIRGINIA HOUSE, 37, J.L. NEHRU ROAD, KOLKATA-700071, STATE OF WEST BENGAL, INDIA		
DATE OF REGISTRATION	10/06/2005	
TITLE	SOAP	
PRIORITY NA		
DESIGN NUMBER	265046	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266137	
CLASS	15-05	
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1913, APPLIANCE DIVISION, PLANT 11, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA		
DATE OF REGISTRATION	29/09/2014	
TITLE	WASHING MACHINE	
PRIORITY NA		

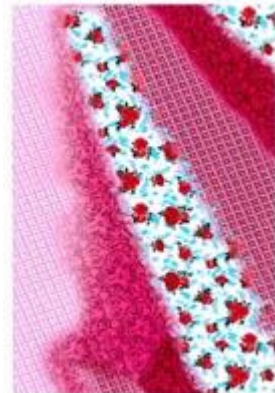
DESIGN NUMBER	205601	
CLASS	13-03	
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF. MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI :-400093, MAHARASHTRA, INDIA,		
DATE OF REGISTRATION	27/06/2006	
TITLE	MODULAR PLATE	
PRIORITY NA		
DESIGN NUMBER	220575	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA) WHOSE PARTNERS ARE SURINDER NATH KAPOOR AND VIKRAM KAPOOR, BOTH ARE INDIAN OF ABOVE ADDRESS.		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		
DESIGN NUMBER	200328	
CLASS	11-01	
1)MRS. PUNITA TRRIKHA OF S-69, GREATER KAILASH I, NEW DELHI 110048, INDIA, AN INDIAN NATIONAL.		
DATE OF REGISTRATION	11/07/2005	
TITLE	EARRINGS	
PRIORITY NA		

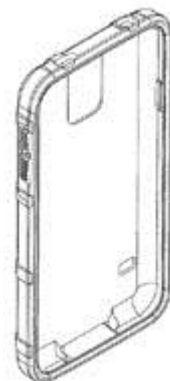
DESIGN NUMBER	265020			
CLASS	05-05			
1. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	265059			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	25/08/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	266031			
CLASS	06-01			
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY				
DATE OF REGISTRATION	25/09/2014			
TITLE	FRAME FOR VEHICLE SEAT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002434571	27/03/2014	OHIM		

DESIGN NUMBER	266163	
CLASS	22-04	
1)ZEN TECHNOLOGIES LIMITED, WHOSE ADDRESS IS B-42, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERABAD-500018, TELANGANA AND WHOSE NATIONALITY IS INDIA		
DATE OF REGISTRATION	29/09/2014	
TITLE	CONTAINERIZED TARGET ASSEMBLY FOR SHOOTING PRACTICE	
PRIORITY NA		

DESIGN NUMBER	266551	
CLASS	11-01	
1)JAIPUR GEMS., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 2, DHARAM PALACE, 100/103, N.S. PATKAR MARG, HUGHES ROAD, MUMBAI-400007, MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) PADAMCHAND SACHETI (INDIAN NATIONAL), (2) AJMER TRADING PVT. LTD., (A PRIVATE LIMITED COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) & (3) SACHETI SONS TRADING PVT. LTD., (A PRIVATE LIMITED COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) ALL ARE HAVING ABOVE ADDRESS		
DATE OF REGISTRATION	09/10/2014	
TITLE	BANGLE	
PRIORITY NA		

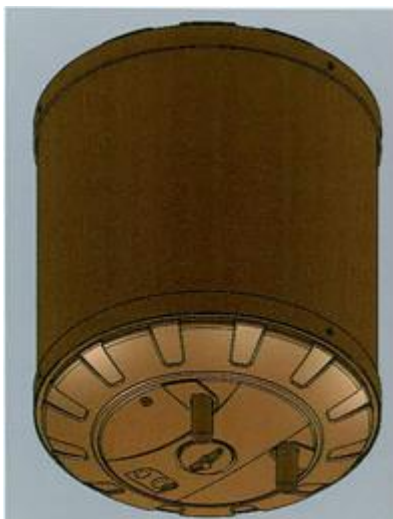
DESIGN NUMBER	266635	
CLASS	28-03	
1)UDIT AGARWAL, AN INDIAN CITIZEN, C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA		
DATE OF REGISTRATION	10/10/2014	
TITLE	BATH SET	
PRIORITY NA		

DESIGN NUMBER	199866	
CLASS	12-16	
1)ROTELLA AUTO COMPONENTS P. LTD., CB-202A, GURU HARKISHAN PLAZA, RING ROAD, NARAINA, NEW DELHI-110028, INDIA.		
DATE OF REGISTRATION	14/06/2005	
TITLE	GEAR LOCK BRACKET	
PRIORITY NA		
DESIGN NUMBER	265025	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	265065	
CLASS	05-05	
1. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	265900			
CLASS	05-05			
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.				
DATE OF REGISTRATION	24/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	266571			
CLASS	06-07			
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN				
DATE OF REGISTRATION	09/10/2014			
TITLE	PHOTO FRAME			
PRIORITY NA				
DESIGN NUMBER	266665			
CLASS	03-01			
1)MAGPUL INDUSTRIES CORPORATION 400 YOUNG COURT, UNIT 1 ERIE, COLORADO 80516 UNITED STATES OF AMERICA A COLORADO CORPORATION				
DATE OF REGISTRATION	10/10/2014			
TITLE	CASE FOR A SMART PHONE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/494,820	24/06/2014	U.S.A.		

DESIGN NUMBER	199887			
CLASS	12-16			
1)BAJAJ AUTO LIMITED, OF AKURDI, PUNE 411 035, MAHARASHTRA, INDIA, AN INDIAN COMPANY				
DATE OF REGISTRATION	15/06/2005			
TITLE	HANDLE BAR FOR THREE WHEELER			
PRIORITY NA				
DESIGN NUMBER	262111			
CLASS	14-03			
1)RAHUL ASHOK SAWANT (INDIAN), 1/12, SHARDHA NIWAS, RAMNAGAR, BANDRA KARLADI, JOGESHWARI (EAST), MUMBAI-400060				
DATE OF REGISTRATION	28/04/2014			
TITLE	MOBILE PHONE DEVICE			
PRIORITY NA				
DESIGN NUMBER	265820			
CLASS	12-11			
1)SANYANG INDUSTRY CO., LTD., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF TAIWAN, REPUBLIC OF CHINA WHO ARE TAIWANESE BY NATIONALITY AND WHOSE ADDRESS IS NO. 184, KENG TZU KOU, SHANG KENG VILLAGE, HSIN FONG SHIANG, HSINCHU, COUNTY 304, TAIWAN, REPUBLIC OF CHINA				
DATE OF REGISTRATION	22/09/2014			
TITLE	MOTORCYCLE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
103304817	15/08/2014	CHINA		

DESIGN NUMBER	265052	
CLASS	05-05	
1) SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD., OF 4103, 4TH FLOOR, J. J. A/C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.		
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	266153	
CLASS	23-03	
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY		
DATE OF REGISTRATION	29/09/2014	
TITLE	WATER HEATER	
PRIORITY NA		

DESIGN NUMBER	220578	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN(INDIA)		
DATE OF REGISTRATION	30/12/2008	
TITLE	CARPET	
PRIORITY NA		

DESIGN NUMBER	199651	
CLASS	09-03	
1)IFTEX OIL & CHEMICALS LIMITED, AT SANGEET PLAZA, 5TH FLOOR, MAROL MAROSHI ROAD, ANDHERI(EAST), MUMBAI 400059, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	26/05/2005	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	260738	
CLASS	09-03	
1)MR. KHIMJI MADAN GINDRA IS A PARTNER-AN INDIA RESIDENT TRADING AS RIGHT INDUSTRIES WHOSE ADDRESS A-141, GHATKOPAR INDUSTRIES ESTATE, AMRUT NAGAR ROAD, BEHIND R- CITY MALL, GHATKOPAR (W) MUMBAI-400086 MAHARASHTRA, INDIA		
DATE OF REGISTRATION	03/03/2014	
TITLE	CONTAINER	
PRIORITY NA		