पेटेंट कार्यालय का शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

14th FEBRUARY, 2014

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THE PATENT OFFICE KOLKATA, 14/02/2014

Address of the Patent Offices/Jurisdictions

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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
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.		* Rest of India

Website: <u>www.ipindia.nic.in</u> www.patentoffice.nic.in

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पेटेंट कार्यालय कोलकाता, दिनांक 14/02/2014 कार्यालयों के क्षेत्राधिकार के पते

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

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3	पेटेंट कार्यालय दिल्ली, 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 ❖ हिरयाणा, 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, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद 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 हैं।

SPECIAL NOTICE

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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.

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

SPECIAL NOTICE

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

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(12) PATENT APPLICATION PUBLICATION (21) Application No.2189/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SENTENCE POWER

(
(51) International classification	:A63F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAHUL KUNGWANI
(32) Priority Date	:NA	Address of Applicant :HIRANAND KESHWANI 1347, GALI
(33) Name of priority country	:NA	AMBEY WALI FRASH KHANA LAL KOUN DELHI-6 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAHUL KUNGWANI
(87) 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:

SENTENCE POWER is a unique educational card game invented by Mr. RAhul Kungwani S/o shri Prakash Chand Kungwani. Today English language is the need of everyone. There are lots of coaching classes available for English teaching. But everyone cant attain these coaching classes. This invention fulfill all the needs of those who want to improve their English language without attaining any class. There are lots of game presented in the market, but this is the first game which improve word power, Pronunciation, Meaning, word category, sentence creation ability, tense identification, memory improvement, logical improvement and improves brain functioning to develop the personality of any student or person of any field. Because learning English language not only improves our logistic power but its also helpful to understand our environment better. This is the specialty of this invention that any person of any age or any field can use this by very easy manner (Fun & Learn).

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

(19) INDIA

(21) Application No.106/DEL/2014 A

(22) Date of filing of Application :15/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: SMART ELECTRICITY POLE

(51) International classification	:E04H	(71)Name of Applicant :
(31) Priority Document No	:NA	1) SHRI SIDDHI VINAYAK INSTITUTE OF ENG. &
(32) Priority Date	:NA	TECH.
(33) Name of priority country	:NA	Address of Applicant :10 K.M. MILESTONE, DOHNA,
(86) International Application No	:NA	PEETAMRA NAINITAL ROAD, BAREILLY Uttar Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)TANVEER ALI KHAN
Filing Date	:NA	2)SAGAR AGARWAL
(62) Divisional to Application Number	:NA	3)ATIF RASHID
Filing Date	:NA	

(57) Abstract:

This pole is an innovative step in the field of protection at the pole level. It can provide a better solution to save the lives of the human being and animals from the electric shocks. The insulator material between the structure of the pole and internal support creates the combination of the safety and the strength in the smart pole.

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

(21) Application No.3503/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: RAM-ANAND ROTATING CYLINDER ENGINE

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SONPAL SINGH TOMAR
(32) Priority Date	:NA	Address of Applicant :SURAT NAGAR, PHASE-2,
(33) Name of priority country	:NA	DHANAKPUR PHATAK, GALI NO. 28(A), HOUSE NO. 2326
(86) International Application No	:NA	GURGAON PIN CODE-122001 Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SONPAL SINGH TOMAR
(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:

In existing 4-stroke engine the power of fuel is not fully used because only power is used during the piston travel from T.D.C to B.D.C (Fuel is burnt fully, partially, not burnt or fuel is igniting and the power is developed fully, partially or generating by the fuel during the piston travel from T.D.C to B.D.C and no other or extra time for the full ignition of charge and for the full generation of power). But in the revolving cylinder engine the fuel is fully ignited and the power is fully developed because the helix like groove combustion chamber is made in which the time of these processes is increased

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

(21) Application No.3768/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: FIXED DOSE LIQUID DISPENSER

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. YOGESH GUPTA
(32) Priority Date	:NA	Address of Applicant :1404, MILLANIA EMERALD
(33) Name of priority country	:NA	HEIGHT, RAMPRASTHA GREEN, SECTOR 7, VAISHALI
(86) International Application No	:NA	GHAZIABAD, Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. YOGESH GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for dispensing fixed or pre-determined dosage(s) of a liquid. The present invention also provides a cheaper and more convenient and error-free mechanism for measuring a fixed dose of a liquid. An embodiment comprises of a measuring cup and a dip tube and uses an orifice both as a mechanism for extraction of liquid as well as later retraction of the same after filling the capacity of the measuring cup below the orifice One of the embodiments is designed in such a way that it comes fitted on the mouth of the product container for which normally a standard dosing is required. Using this apparatus, one can easily dispense a predetermined amount of medicine for consumption. The advantage of the device is that there is no limitation of skill, good eyesight or language.

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

(21) Application No.1694/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ECO SILENCER (SMOKE LESS)

(51) International classification	:F01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAM BHAROSE SETH
(32) Priority Date	:NA	Address of Applicant :VILLAGE & POST LOHTA, DISTT.
(33) Name of priority country	:NA	VARANASI-221107, Uttar Pradesh India
(86) International Application No	:NA	2)BABITA SETH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAM BHAROSE SETH
(61) Patent of Addition to Application Number	:NA	2)BABITA SETH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Eco-friendly automobiles exhaust systein having a silencer cylinder with a single inlet from the colnbustion engine, and wood packing inside. The silencer cylinder is devoid of gas exhaust pipe. There is an extended cylinder attached to the silencer cylinder that acts as a collector for waste liquid. The exhaust gases released from the combustion engine enters in to silencer cylinder through inlet and in the presence of wood gets converted into liquid waste which finally get deposit into extended cylinder

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

(21) Application No.6869/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOBILE SOLAR POWER-GENERATING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L31/045 :RM2010U000015 :04/02/2010 :Italy :PCT/IT2011/000028 :03/02/2011 :WO 2011/096007 :NA :NA :NA	(71)Name of Applicant: 1)PRO D3 s.r.l. Address of Applicant: Via Fabio Numerio 46 I 00187 Roma(IT) Italy (72)Name of Inventor: 1)Sentinelli Sergio 2)DUffizi Marco 3)Sbardella Andrea
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(57) Abstract:

A mobile solar power generating system comprises a prismatic container (1) having a top wall (10) a bottom wall (11) and side walls. A central photovoltaic panel (6) is supported in a tiltable manner on the top wall (10) by supporting means on each of the sides of the central photovoltaic (6) being hinged a correspondent transversal photovoltaic panel (61 62 63 64) hanging downward in a rest position and being able to rotate 90 degrees upward. On a side of each transversal photovoltaic panel (61 62 63 64) is hinged a side photovoltaic panel (610 620 630 640) that is designed to fold down with respect to the relevant transversal photovoltaic panel (61 62 63 64) and the side photovoltaic panels (61 62 63 640) to the central photovoltaic panel (6) when the power generating system is in an operating position.

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

(22) Date of filing of Application :04/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : AN IMPROVED VEHICLE CAPABLE OF MOVING IN BOTH PERPENDICULAR DIRECTIONS AND ON/OFF TRACKING ON RAIL TRACK

(51) International classification(31) Priority Document No(32) Priority Date	:B61L :NA :NA	(71)Name of Applicant: 1)SH AMIT BANSAL Address of Applicant:147/91A, OLD BAIRAHANA,
(33) Name of priority country	:NA	ALLAHABAD -211003 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SH. AMIT BANSAL
(87) 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 field of Automobile Engineering. One embodiment of the invention proves particularly useful in the Railway industry. It illustrates an apparatus for enabling a vehicle to be able to move in either of the perpendicular directions of movement. Thus, it enables a vehicle to alternatively move in the direction perpendicular to its conventional direction of movement. This is achieved through an additional wheel system apparatus fixed inside the vehicle along with a jack system for facilitating switching from one wheel system to another. The present invention highly reduces this loading and unloading time for the repairing machine on the railway track. This loading on to track is referred to as On Tracking and unloading off track is referred to as Off Tracking.

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

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: A SYSTEM FOR RECOVERING UNPRINTED PORTION OF PAPER FOR RECYCLING

:D21H	(71)Name of Applicant :
:NA	1)GOYAL NEERAJ
:NA	Address of Applicant :82 OLD DALANWALA DEHRADUN
:NA	248001, UTTARKHAND, INDIA.
:NA	(72)Name of Inventor:
:NA	1)GOYAL NEERAJ
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The paper production process generates lot of waste even at the finishing stage. These trims or slab-offs are used as input to the paper making process with less processing than what is followed for the normal recycling process where deinking etc is carried out. The invention describes a system for recovering the unused portion of sheets (office waste, notebooks or exercise books etc.) in which the used surface area is generally small. This extraction is carried out using principle of photocopying and laser burning and thus a combined automatic machine can be used at the offices or colleges or at palces where similar paper is generated. Decentralizing the separation will aid in reducing diversion of used paper to other area than for recycling use.

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

(21) Application No.705/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: A 15% INSECTICIDAL COMPOSITION OF COMBINATION OF EMAMECTIN BENZOATE (0.5-3.0%) AND THIAMETHOXAM (10-14%) IN WETTABLE GRANULE FORM.

(51) International classification(31) Priority Document No(32) Priority Date	:A01N :NA :NA	(71)Name of Applicant: 1)INSECTICIDE INDIA LIMITED Address of Applicant: 401-402, LUSA TOWER, AZADPUR,
(33) Name of priority country	:NA	COMMERCIAL COMPLEX, AZADPUR, NEW DELHI -
(86) International Application No	:NA	110033 India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. MUKESH 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 ainsecticidal composition of emamectin benzoate amount ranging from 0.5 to 3% by weight and thiamethoxam amount ranging from 10-15% by weight of the composition. The invention further relates to a process of preparing the water dispersible granular composition

No. of Pages: 16 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: DESIGN YOUR ACCOMMODATION

(51) International classification	:e04h	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKHTAR JUNALD
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. 407 SEC-16
(33) Name of priority country	:NA	FARIDABAD, HARYANA-121002 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AKHTAR JUNALD
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.66/DEL/2014 A

(57) Abstract:

The patent will help customers to design their own accommodation accordingly to their own needs & preferences. Thus may can design their accommodation as they were designing their own house. Therefore the customer will get the benefit of a flats apartments, villas along with the benefits of designing your own house.

No. of Pages: 5 No. of Claims: 4

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: HOT ROLLED LOW CARBON STEEL SHEETS FOR DIRECT DRAWING APPLICATION.

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JSW CENTRE, BANDRA KURLA
(33) Name of priority country	:NA	COMPLEX, BANDRA(EAST), MUMBAI-400051
(86) International Application No	:NA	MAHARASHTRA India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHANDRA, Ashish
(61) Patent of Addition to Application Number	:NA	2)MANJINI, Sambandam
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to hot rolled low carbon steel grade for direct drawing application with reduced yield point elongation and increased formability and a process for production of such steel grade. Importantly, the invention provides a hot rolled steel having selective composition comprising low carbon and low manganese in combination with boron addition and processed through controlled rolling parameters to produce sheet coils with desired properties including low yield point elongation. Advantageously, selective boron addition reduces soluble nitrogen content in steel by nitride formation and precipitation, favouring its use in direct drawing applications, free of stretcher strain marks/coil break defects, without the need of additional process such as tempered rolling or stretch leveling, thus favouring wide application and use of such steel grade in automobile components, compressor shells etc.

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

(22) Date of filing of Application :15/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING 2-[3-CYANO4-(2-METHYLPROPOXY) PHENYL]-4-METHYLTHIAZOLE-5-CARBOXYLIC ACID AND ITS CRYSTALLINE FORM-G

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/426, C07D277/56 :NA :NA :NA :NA	(71)Name of Applicant: 1)HARMAN FINOCHEM LIMITED Address of Applicant:107, VINAY BHAVYA COMPLEX, 159-A, C.S.T. ROAD, KALINA, MUMBAI - 400098, MAHARASHTRA India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)KADAM, VIJAY TRIMBAK 2)BUDDHALA, RAJASEKHAR RAO 3)CHAVAN, SANTOSH UTTAM RAO 4)MINHAS, HARPREET SINGH 5)MINHAS, GURPREET SINGH

⁽⁵⁷⁾ Abstract:

The present invention discloses an improved process for preparing 2-[3-cyano4-(2-methylpropoxy) phenyl]-4-methylthiazole-5-carboxylic acid of formula-I and its crystalline form-G.

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

(22) Date of filing of Application :22/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: HERBAL COMPOSITION FOR DETOXIFICATION OF THE HUMAN BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RAJA SHUKLA Address of Applicant: C/O RAMAKANTJI, 9 CIVIL LINES, PROFESSORS COLONY, OPP. AADIVASI GIRLS HOSTEL BHOPAL, MADHYA PRADESH, INDIA (72)Name of Inventor: 1)RAJA SHUKLA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to an herbal composition for detoxification of the human body consisting of extracts of dried fruits of amla (phyllanthus emblica), harad (terrninalia chebula), bahera (belleric myrobalan), methi (fenugreek), shivjata (caryota urens) and kesar (crocus sativus) herb. Extracts of the dried fruits may be obtained by treating the plant material with pharmaceutically acceptable solvents or followed by membrane filtration of the extract. The compositions of the invention are useful for the treatment of whole body as it acts as detoxification solution.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: A PROCESS FOR PREPARATION OF SYSTEM USEFUL IN CHECKING MULTIPLE CHOICE QUESTION TYPE ANSWER SHEETS USING TEMPERATURE CONTROLLED INKS

(51) International classification		(71)Name of Applicant :
(61) mvemvionii viussinvuion	G09G5/00	1)BHALCHANDRA PARAG UPENDRA
(31) Priority Document No	:NA	Address of Applicant : C/O DR. BHALCHANDRA U.L.
(32) Priority Date	:NA	NEAR GANESH PAR, BHATT GALLI, AMBAJOGAI DIST
(33) Name of priority country	:NA	BEED -431517 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHALCHANDRA PARAG UPENDRA
(87) International Publication No	: NA	2)YEMUL OMPRAKASH SHRINIVAS
(61) Patent of Addition to Application Number	:NA	3)KHAMITKAR SANTOSH DHONDOPANT
Filing Date	:NA	4)DESHMUKH NILESH KAILAS
(62) Divisional to Application Number	:NA	5)LOKHANDE SAKHARAM NARAYAN
Filing Date	:NA	6)MEKEWAD SATISH RAGHAV

(57) Abstract:

A Novel System for checking Multiple Choice Question (MCQ) type answer sheets using temperature controlled inks has been described. The master / key answer key sheet is placed on illuminated surface and the answer sheet attempted by student is placed over it. Porous master/ key answer key sheet allows light to pass through the correct slots so as to change the color of correct answers on the answer sheets of student due to use of Thermochromic ink. The color changed marks stand for correct answer where as wrong answers will be colorless or transparent. Counting the color changed marks correct one will give results. The system is portable, economic and has good accuracy .

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

(19) INDIA

(22) Date of filing of Application :29/01/2014

(21) Application No.304/MUM/2014 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: CAR COVERING UNIT

(51) International classification)Name of Applicant :)AVINASH DNYANESHWAR THORAT
(31) international classification		Address of Applicant :S.NO. 46, DHARMANAGAR, 5TH ILE, PUNE NAGAR ROAD BEHIND ADARSH PETROL
(31) Priority Document No	:NA PU	JMP, PUNE 411014, MAHARASHTRA India
(32) Priority Date	:NA 2	2)DNYANESHWAR POPATRAO THORAT
(33) Name of priority country	:NA (72	2)Name of Inventor :
(86) International Application No	:NA 1)AVINASH DNYANESHWAR THORAT
Filing Date	:NA 2	2)DNYANESHWAR POPATRAO THORAT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a car covering unit for speedy and convenient covering and uncovering of a car. The car covering unit is removably secured to a trunk of the car and comprises an enclosure, a cover, a roller assembly, a shaft assembly and a ratchet assembly. The car covering unit is easily removed from the trunk when required and facilitates easy cleaning of the cover.

No. of Pages: 18 No. of Claims: 9

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

(54) Title of the invention : FLICKER LOAD GENERATOR FOR ASCERTAINING THE PERFORMANCE OF FLICKER MITIGATION TECHNIQUES

	:H02J (71)Name of Applicant :
(51) International classification	3/38, H03B Address of Applicant :Department of Electrical Engineering,
	21/00 Govt. College of Engineering, Kathora Naka, Amravati-444 604
(31) Priority Document No	:NA Maharashtra India
(32) Priority Date	:NA (72)Name of Inventor :
(33) Name of priority country	:NA 1)Dr. Vasudeo B. Virulkar
(86) International Application No	:NA 2)Dr. Mohan V. Aware
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(55) 11	

(57) Abstract:

The invention relates to a device that emulates the performance of loads which causes the voltage fluctuation in the distribution system. The invented device includes a series of resistive and inductive circuit whose impedance is timely varied with phase angle control of triacs which are connected in series with inductors. This flicker emulator has flexibility to adjust the R/X ratio by selecting the different tapings provided on the resistance and inductors. This range can be extended for elevating the different power rating of the flicker load. This device is useful to test and validate the performance of different flicker mitigation solutions in the laboratory. This flexible emulator covers the major flicker load characteristics which are required for studying the performance of flicker mitigation solutions.

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

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: Process of extraction of active compound from Careya arborea Roxb. for antiasthamatic and bronchodilator potential

(51) International classification	:A61K 36/185, A61P 29/00	(71)Name of Applicant: 1)Dr. Rita D. Chakole Address of Applicant: Department of Pharmacy, Government
(31) Priority Document No	:NA	Polytechnic, Gadge Nagar, Amravati 444603, MAHARASHTRA
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)Dr. Manoj S. Charde
(86) International Application No	:PCT//	3)Dr. Madhukar R. Tajne
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Rita D. Chakole
(61) Patent of Addition to Application Number	:NA	2)Dr. Manoj S. Charde
Filing Date	:NA	3)Dr. Madhukar R. Tajne
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention discloses pharmaceutical composition and process of methanolic extract of the active compound from bark of Careya arborea Roxb which is capable of exhibiting potent activity with Antiasthamatic and Bronchodilator potential. The bronchodilator and anti-histaminic activity of the isolated compounds (C1, C2, C3, C4, C5) from methanolic extract were carried out by using guinea pigs where compound C1 having EC50 of 125.46 mg and onset of convulsion 677±10.9, C2 having EC50 of 32.34 mg and no convulsions were observed during the in-vivo evaluation, C3 having lower percent inhibition with higher EC50 102.45 mg and convulsions started at 890±7.6 seconds, C4 having EC50 of 67.98 mg and onset of convulsion was 1232±6.5 whereas C5 having EC50 of 60.45 and onset of convulsions from 1365±12.8 seconds. From the trails conducted on various fractionates the compound code C2 shows maximum activity with minimum dose and no convulsive attacks.

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: 'CONVERTIBLE DEBENTURE WITH REDEMPTION OPTION TO THE HOLDER.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G07F17/42, G06Q40/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DAHANUKAR DILIP S. Address of Applicant: SHREE SADAN, 4A, M.L. DAHANUKAR MARG, MUMBAI-400 026, MAHARASHTRA India (72)Name of Inventor:
Filing Date	:NA	1)DAHANUKAR DILIP S.
(87) 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 consists of convertible debenture with an option to the holder to stop the conversion of debt into shares and redeem it in cash with interest The debt instrument in the invention shall stand converted in equity shares automatically if the holder does not exercise his embedded option in time. The invention will be of use for large listed companies to raise large sums of money by making it attractive for the primary debt market to subscribe and the secondary equity market to help the holder to exit at a profit

No. of Pages: 7 No. of Claims: 8

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ENERGY EFFICIENT PROCESS FOR VEGETABLE DEHYDRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23B7/02, A23B7/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ABHYANKAR MORESHWAR NARAYAN Address of Applicant:FLAT NO. 5, KALYANI GRADEN, JYOTINAGAR, AURANGABAD-431005, Maharashtra India (72)Name of Inventor: 1)ABHYANKAR MORESHWAR NARAYAN
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(57) Abstract:

The invention provides an energy efficient process for manufacture of dehydrated vegetables that has a short processing time, results in good quality dehydrated vegetables with a good shelf life, and does not involve the usage of chemicals and exposure to solar or open drying. On rehydration of the dehydrated vegetables, they can be restored to a form very close to the original form in terms of colour, texture, flavor and taste. The process is economical, easy to operate and results in higher throughput for the farmer. Said invention is also applicable for drying of various vegetables such as fenugreek, peas, curry leaves, onion, fenugreek, coriander, spinach, garlic, ginger, spring onion, mushroom, carrot, beans, safed musali etc.

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

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

(54) Title of the invention: ASSISTIVE DEVICE FOR NAVIGATION IN THE DARK OR NO-VISIBILITY AMBIENCE

	:G01C	(71)Name of Applicant:
(51) International classification	21/20,	1)Dr. Kishor M. Bhurchandi
(31) International classification	G01C	Address of Applicant :Professor, Electronics and
	21/00	communication Department, VNIT. Nagpur. Maharashtra India
(31) Priority Document No	:NA	2)Rohan A. Thakker
(32) Priority Date	:NA	3)Sachin V. Bharambe
(33) Name of priority country	:NA	4)Ajinkya R. Kamat
(86) International Application No	:NA	5)Harsharanga R. Patil
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Kishor M. Bhurchandi
(61) Patent of Addition to Application Number	:NA	2)Rohan A. Thakker
Filing Date	:NA	3)Sachin V. Bharambe
(62) Divisional to Application Number	:NA	4)Ajinkya R. Kamat
Filing Date	:NA	5)Harsharanga R. Patil
		•

(57) Abstract:

The present invention relates to portable, cost effective, easy to use, novel ergonomically designed Assistive device for navigation in the dark or no-visibility ambience using five non-contact sensors and an electronic computer based monitor locating obstacles and hurdles in the close proximity of a person. The device is ergonomic, simple to use, operates at low power and can be made available at a very low cost for public utility. The device can be simply held in hand as specified and gently moved to provide the touch based haptic feedback information in the five directions (front, left, right, up and down) proportional to the distance of obstacles in the respective directions. Following invention is described in detail with the help of Figure 1 of sheet 1 showing Figure 1 of sheet 1 shows light weight knuckle punch frame, Figure 2 of sheet 2 shows sensing modules, Figure 3 of sheet 3 shows sensing module (S4) that is fitted on the upper face of the device at a specific angle, Figure 4 of sheet 4 shows sensor and FIG. 5 of sheet 5 shows interface circuit consists of a PCB board.

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

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: LYOPHILIZED IXABEPILONE AND A PROCESS THEREOF

(51) International classification(31) Priority Document No	:A61K31/426, A61K31/517 :NA	(71)Name of Applicant: 1)BDR PHARMACEUTICALS INTERNATIONAL PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :407-408, SHARDA CHAMBERS,
(33) Name of priority country	:NA	NEW MARINE LINES, MUMBAI 400020, MAHARASHTRA
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BADIGER, ARVIND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stable lyophilized composition of Ixabepilone in amorphous form ready for reconstitution and administration through an infusion is disclosed. A process for preparation of lyophilized composition of Ixabepilone using citrate buffer along with the organic solvent in the range of 70:30 to 50:50 using commercially available lyophilizers wherein the primary and secondary drying have been undertaken.

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

(21) Application No.98/MUM/2014 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : A STABLE COMPOSITION OF NAVAYASA CHURNA COMPRISING MICROENCAPSULATED EMBELIN AND PROCESS FOR PRAPARATION THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number SNA Filing Date (88) International Publication Number Filing Date (89) International Publication Number Filing Date (10) International Publication Number Filing Date (11) International Classification Number Filing Date (12) International Classification Number Filing Date (13) International Classification Number Filing Date (14) International Classification Number Filing Date (15) International Classification Number Filing Date (16) International Classification Number Filing Date (17) International Classification Number Filing Date (18) International Classification Number Filing Date	(71)Name of Applicant: 1)PARAMESWARAN, SANDHYA Address of Applicant:604, 605, ROYAL, ASHAR RESIDENCY, GILADAYS ALWARE ROAD, THANE (WEST)- 400610, MAHARASHTRA India 2)SAWANT, PRADNYA JAYPRAKASH (72)Name of Inventor: 1)PARAMESWARAN, SANDHYA 2)SAWANT, PRADNYA JAYPRAKASH
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(57) Abstract:

Disclosed herein is a stable herbal composition of Navayasa Churna comprising microencapsulated embelin, other eight herbal ingredients and loha bhasma, usefiil in the treatment of anemia, skin disease, heart diseases, liver conditions, piles and jaundice. The invention also discloses a process for preparation of microencapsulation of Embelin.

No. of Pages: 30 No. of Claims: 4

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: SILICON, FLEXIBLE, LENGTH ADJUSTABLE ARTHROSCOPIC CANULAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61B17/34, A61B 1/317 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. MILIND VASANT PIMP RIKAR Address of Applicant: PIMPRIKAR HOSPITAL, BEHIND PRAKASH GOVIND NAGER- CHOWK NO.5, MUMBAI AGRA ROAD, NASIK-422 009, MAHARASHTRA India 2)AASHAY LAXMIKANT KEKATPURE
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA :NA :NA	(72)Name of Inventor: 1)DR. MILIND VASANT PIMP RIKAR 2)AASHAY LAXMIKANT KEKATPURE

(57) Abstract:

Silicon, Flexible, and Length Adjustable Arthroscopic Canulas which comes in Medical equipment, there are many other types of cannulas available in market having Plastic Cannula for maintaining surgical portals, with fluid inflow and pressure valve to avoid backflow. Flexible Silicon cannula for shoulder arthroscopy with adjustable length with threads and self-retaining disc with a inflow for fluids and for attachment of suction with a backflow prevention valve. Silicon used in our products provides the flexibility for the maneuverability of the arthroscopic and the instruments while retaining and maintaining the portals, which is a big hurdle in case of the rigid plastic cannulas, the disc which is eccentric retracts the soft tissue from falling in the field of vision, the back flow prevention valve maintains the joint inflated with fluid, the threads in the cannula maintain the tract of the cannula preventing it from shifting in position.

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

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM BIOACTIVE EXTRACT MANGROVE PLANT AND ITS FREE RADICAL SCAVENGING ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K33/38, A61K 9/14 :NA :NA :NA :NA	(71)Name of Applicant: 1)POONAM GAWALI Address of Applicant: DEPARTMENT OF LIFE SCIENCE, UNIVERSITY OF MUMBAI, KALINA CAMPUS, MUMBAI- 98. MAHARASHTRA India 2)B. L. JADHAV
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)POONAM GAWALI
(61) Patent of Addition to Application Number	:NA :NA	2)B. L. JADHAV
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one of the aspect of the invention it is provided that a method for green synthesis of silver nanoparticles from the active extract obtained from mangrove plant, the mangrove plant is selected from species Derris trifoliata and Sonneratia alba, the stem of the mangrove plant is cleaned dried at $40-50\,^{\circ}\text{C}$ cut down into pieces and finally grinded to fine powder; The fine powder is soaked in water for about 10 minutes, further boiled for 10 minutes filtered and 5 % of the extract is further used as bio-reductant; The silver nanoparticles are prepared by the reaction of the standard silver salt solution and aqueous bio-reducing solution extracted from the mangrove plant, the reaction progress is monitored by analytical techniques and further nanoparticles obtained characterized by the XRD, TEM. In an another aspect of the invention the nanoparticles obtained further applied for antioxidant activity of the free radicals , the free radical scavenging capacity further determined by the DPPH (200uM) negative control. Different concentrations of Ag NPs (25-100 μ g/ml) in water were prepared. Ascorbic acid was used as positive control. Reaction mixture was prepared and incubated for half an hour at R.T. Absorbance was measured at 517nm. Change in absorbance with respect to control is calculated as % scavenging activity.

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

(21) Application No.320/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: NTAT (NITIN TRACTOR AND TROLLEY)

		· · · · · · · · · · · · · · · · · · ·
(51) International classification	:A01B 59/00, A01F 29/01	(71)Name of Applicant: 1)AKSHAY NITIN GAVSANE Address of Applicant :OPP. TO SAIMANDIR SANGRAMNAGAR AKLUJ DIS- SOLAPUR 413101
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)AKSHAY NITIN GAVSANE
(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	
(F7) A1		-

(57) Abstract:

This invention is relates to the field of mechanical assemblies. Particularly this invention relates to the harvesting of sugarcane and separates its top from stem and show the total weight of sugarcane instantly. This is the NTAT tractor which is improved and its cost is less than present harvester and its work on 22 or more than 2 hp suitably.

No. of Pages: 18 No. of Claims: 9

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: AUTOMATED MOTORIZED WHITEBOARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B43L1/00, B43L 1/04 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PUNEET MATHUR Address of Applicant:202/223, SHUBHAM APPARTMENT GOYAL NAGAR-452018 INDORE, MADHYA PRADESH, INDIA 2)CHOUGULE BHUSHAN TUKARAM (72)Name of Inventor: 1)PUNEET MATHUR
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)CHOUGULE BHUSHAN TUKARAM

(57) Abstract:

The Working of the system is based on the rotation of whiteboard surface material (7) and automatically rubbing it by arrangemet of dusters (5) which are fixed behind the board. The rotation of sheet is done with the help of rollers (3) which are connected to the shaft of the motors (1). The motors works on DC supply obtained from AC to DC converter (6) and are mounted on the duster holders (4). When the current is supplied to the motors sheet start rotating and moves from front to the back side of the wooden block (2) and get rubbed due to the friction between sheet and dusters. PARTS SPECIFICATIONS/ DIMENSIONS 1. DC Gear motor Speed-IOORPM Voltage-4Vtol2V Stall torque-42.51Kg-cm Stall current-6.9Amp Gear assembly-Spur Shaft length-25 to 30mm Shaft diameter-8mm 2. Wooden block (Made of plywood and covered with sunmica sheet) Length-50cm Height-40cm Breadth-5cm 3. Rollers (PVC Plastic) Diameter-5cm Height-40cm 4. Duster holders (Plywood) C Shaped Height-44cm Breadth-10cm Width-10cm Thickness-2cm 5. Dusters (Sponge) 1st patter n patter n 3rt patter n Length Breadth 28cm 3 cm 14cm 3cm 40cm 3 cm 6. AC to DC Coverter Voltage-12V Current-3A 7. White board surface Length-13 Breadth-4 2cm 0cm

No. of Pages: 7 No. of Claims: 4

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ENERGY EFFICIENT PROCESS FOR RAISIN MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	7/00, A23B 7/157 J :NA :NA :NA :NA :NA :NA	71)Name of Applicant: 1)ABHYANKAR MORESHWAR NARAYAN Address of Applicant: FLAT NO. 5, KALYANI GRADEN, YOTINAGAR, AURANGABAD-431005, Maharashtra India 72)Name of Inventor: 1)ABHYANKAR MORESHWAR NARAYAN
(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 an energy efficient process for manufacture of raisins that has a short processing time, results in good quality raisins and does not involve the usage of chemicals and exposure to solar or open drying. The process is economical, easy to operate and results in higher throughput for the grape cultivator. Said invention is also applicable for drying of fruits such as figs, guava, apricot etc.

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

(21) Application No.190/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :16/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPLANT ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61C8/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SANGOLIKAR Deepak Address of Applicant:s/o Dr. M. S. Sangolikar, h.no 1-1295/1, vijay vidyalaya road, opp nisty heart centre, gullabowdi, gulbarga-585102 Karnataka India 2)CHOWDHARY Ramesh (72)Name of Inventor: 1)SANGOLIKAR Deepak 2)CHOWDHARY Ramesh
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(57) Abstract:

Implant assembly includes an implant (100), an abutment (300) and an impression analog (400). The implant (100) defines an internal threaded bore (106), and a part of the outer surface of the implant defines threading (108). The implant (100) also includes an abutment engagement section (110). The abutment (300) includes an implant engagement section (308) engaging with the abutment engagement section (110), an aperture (302) aligning with the internal threaded bore (106), and a crown receiving body (306). The impression analog (400) defines, a bonding portion (402) resembling contour of a portion of the crown receiving body (306) accommodated in the bonding portion (402), and an aperture (406) aligning with the aperture (302) and internal threaded bore (106). The impression analog (400) further includes an abutment joining section (404) engaging with the implant engagement section (308).

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

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS AND SYSTEMS FOR ESTIMATING CUSTOMER EXPERIENCE

(-1) - 1		
(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIJAY RAO PEREPA
(87) International Publication No	: NA	2)VENKATAKRISHNAN RAJARAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates to methods and systems for estimating customer experience, the method comprising: receiving one or more interaction parameters associated with an interaction between the utility providing entity and a customer entity; determining, by a hardware processor in communication with the utility providing entity, a first interaction score based on the received one or more interaction parameters; determining a second interaction score based on the first interaction score and a feedback rating, provided by the customer entity, associated with the interaction; determining a third interaction score based on the second interaction score and a time interval between the interaction and a previous interaction between the utility providing entity and the customer entity; determining a customer experience score associated with the interaction based on the third interaction score and a stored customer experience score associated with the previous interaction; and providing the customer experience score.

No. of Pages: 33 No. of Claims: 12

(21) Application No.319/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: A HERBAL TOOTH POWDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)DR. SRIMUSHNAM GOPALKRISHNA ANAND RAO Address of Applicant: NO: 117, VENKATESHPURA, NEAR SAMPIGE HALLI, JAKKUR POST, BANGALORE - 560 064 Karnataka India (72)Name of Inventor: 1)DR. SRIMUSHNAM GOPALKRISHNA ANAND RAO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A Herbal Tooth powder obtained by mixing 10 Grams of Green Tea Extracts, 25 Grams of Cinnamon bark powder, obtained by roasting it to 120°C for 5 minutes and subsequent cooling to room conditions. Further, 10 Grams of Cloves powder obtained by heating it to 120°C for 5 minutes and cooling to 18 to 20 degrees Centigrade and powdering it to a size of sub-micron sized particles is added. 10 Grams of Sodium Chloride (Salt), 30 Grams of Precipitated AR grade Calcium Carbonate, 10 Grams of food grade Gum Acacia powder, obtained by roasting it to brittleness and subsequently grinding it to sub-micron sized particles in an electrical grinder. 500 Milligrams of food grade Camphor and 4.5 grams of finely powdered activated vegetable charcoal are further added to this mixture. All put together are finely ground and sieved to result in 100 grams of fine herbal tooth powder.

(21) Application No.10372/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/12/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTI-HBV POLYPEPTIDE PHARMACEUTICAL COMPOSITION AND USE THEREOF

(51) International classification :C07K14/01,A61K38/16,A61P1/16 (31) Priority Document No :201010174788.X

(32) Priority Date :14/05/2010
(33) Name of priority country :China

(86) International Application :PCT/CN2011/073963

No :PO

Filing Date :12/05/2011

(87) International Publication No : NA

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

Filing Date
(62) Divisional to Application
Number
Filing Date

INA
:NA
:NA

(71)Name of Applicant :

1)SHANGHAI HEP BIOTECH CO. LTD.

Address of Applicant :Room 208 Building 1 720 Cailun

Road Shanghai 201203 China

(72)Name of Inventor:

1)LIU Hongli

(57) Abstract:

The present invention relates to a blocking agent for prevention and treatment of viral infections. Altering modification of the N terminus and C terminus of the blocking agent can significantly affect the stability and the effectiveness in blocking viral infection. The present invention also relates to the application of the blocking agent for prevention and treatment of viral infections.

(22) Date of filing of Application :22/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS FOR OPTIMIZING DATA FOR TRANSMISSION AND DEVICES THEREOF

(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHAVENDRA HOSABETTU
(87) International Publication No	: NA	2)MALLIRAJAN SELVARAJAN
(61) Patent of Addition to Application Number	:NA	3)SANDEEP SUDARSHAN DAVENGERE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method, non-transitory computer readable medium and data optimizing computing device for optimizing data for transmission obtaining data set for transmission. One or more configuration rules associated with the obtained data set are obtained. The obtained data set is optimized based on the obtained one or more configuration rules for transmission. A client code and a server code associated with the optimized data set are generated. At least one of the generated client code is transmitted to a client computing device or the server code is transmitted to a server computing device.

(21) Application No.245/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: INTEGRATED LIGHTING CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H05B37/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Sekhar Nori Address of Applicant: 6-3-1216/141, Methodist colony, Kundan Bagh, Begumpet, Hyderabad-500016 Andhra Pradesh India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)Sekhar Nori

(57) Abstract:

Integrated lighting control system includes a day lighting means, an electrical lighting means, a sensor, a communicator and a controller. The sensor measures the ambient daylight available and provides feedback to the controller for switching ON/OFF the electric lights in steps. The energy consumed by the electric lights are measured by the controller and displayed in the communicator. The communicator is used for providing input to the controller during commissioning of the system and other performance parameters of the system. The system provides day lighting in addition to control of electrical lighting means.

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS AND SYSTEMS FOR DETERMINING USER ATTRIBUTES

(51) International classification	:G06F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANIL KUMAR LENKA
(87) International Publication No	: NA	2)RAGHAVENDRA HOSABETTU
(61) Patent of Addition to Application Number	:NA	3)RAJA SEKHAR REDDY SUDIDHALA
Filing Date	:NA	4)KIRAN KUMAR CHANNARAYAPATNA
(62) Divisional to Application Number	:NA	SATHYANARAYANA
Filing Date	:NA	

(57) Abstract:

This disclosure relates to methods and systems for determining user attributes. In one embodiment, a method performed by an electronic device for determining user attributes receiving a touch input is disclosed, the method comprising: determining one or more sets of touch parameters based on the touch input, each set associated with a user attribute; identifying, for each of the one or more sets of touch parameters, an associated set of stored touch parameters from amongst a plurality of stored touch parameters based on a predefined criterion of match between the set of touch parameters and the plurality of stored touch parameters; determining, for each of the one or more sets of touch parameters, the associated user attribute based on the associated set of stored touch parameters; and providing the determined user attribute associated with each of the one or more sets of touch parameters.

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: CLOSED LOOP STIMULATION OF THE DORSAL NUCLEUS OF THE VAGUS NERVE

(51) International classification	:A61N1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd AMB 3.64-
(33) Name of priority country	:NA	66, South Phase, II Main road, Ambattur Industrial estate, Chennai-
(86) International Application No	:NA	58 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Shyam Thangaraju
(61) Patent of Addition to Application Number	:NA	2)Siva Sakthivel S
Filing Date	:NA	3)Vishal Chaudhary
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Closed loop stimulation of the dorsal nucleus of the vagus nerve. This invention relates to medical devices, and more particularly to a method and systems for closed loop stimulation of the dorsal nucleus of the vagus nerve at the floor of the fourth ventricle. The principal object of this invention is to suggest a system and method to stimulate the dorsal nucleus of the vagus nerve to treat a variety of disease conditions/disorders related to motility of the gut.

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: A METHOD AND SYSTEM FOR DIAGNOSING A MEDICAL EVENT

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SATISH PRASAD RATH
(87) 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 disclosure relates generally to patient monitoring, and more particularly to a method and system for diagnosing a medical event. In one embodiment, a method of diagnosing a medical event is disclosed. The method comprises: monitoring at least one clinical parameter associated with a patient; detecting an occurrence of a medical event based on one or more of the at least one clinical parameter deviating from one or more predefined thresholds; identifying a region of interest around the medical event, wherein the region of interest comprises one or more values of the at least one clinical parameters along a time series within a predefined time window and having a predefined pattern; and diagnosing the medical event by looking up the one or more values of the region of interest in a database including a predefined mapping between values of one or more clinical parameters and one or more potential medical conditions.

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: SIDE WALL SOLAR LIGHT TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G02B26/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Sekhar Nori Address of Applicant: 6-3-1216/141, Methodist colony, Kundan Bagh, Begumpet, Hyderabad-500016 Andhra Pradesh India (72)Name of Inventor: 1)Sekhar Nori
S .	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

Accordingly a light tube for side walls is provided. The light tube includes a housing, a cover, a plurality of light deflecting panel for deflecting the light entering the cover, a first stepped reflector for reflecting any residual undeflected light inside the cover, a reflective pipe for receiving the light collected by the light deflecting panel and the first stepped reflector; a plane reflector for guiding the light deflected from light deflecting panel and the first stepped reflector into the reflective pipe; and a light diffuser for scattering the collected light into a building thereby, providing illumination. The light deflecting panel and the first stepped reflector deflects and reflects the light entering from cover into the reflective pipe and the light diffuser scatters the light from the reflective pipe into the building providing illumination using the daylight collected from the surroundings through side walls of the building.

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWER NEGOTIATOR SYSTEM AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date	:H04L29/00 :NA :NA	(71)Name of Applicant : 1)IGNITARIUM TECHNOLOGY SOLUTIONS PRIVATE LTD
(33) Name of priority country	:NA	Address of Applicant :# 24, GREENWOOD REGENCY,
(86) International Application No	:NA	SARJAPUR ROAD, DODDAKANEHALLI, BANGALORE
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JOHN DAVID
Filing Date	:NA	2)NAIR SAJU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Power negotiator system and method for optimizing power consumption in an electrical power system comprising of multiple sinks and power sources is disclosed. The power negotiator system is configured to request and aggregate power from multiple power sources to drive multiple sinks in an electric power system wherein said system is further configured to negotiate between currently active sinks and power sources to arrive at an optimal power distribution solution across loads for a given power profile. Method of power negotiation between power sources and sinks is also disclosed herein.

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR PORT PERFORMANCE RANKING IN MULTI-PROTOCOL SWITCH

(51) International classification	·H04L12/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MADHUKAR GUNJAN CHAKHAIYAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates generally to multi-protocol switching, and more particularly to a method and a system for port performance ranking in a multi-protocol switching device. In one embodiment, a plurality of first parameters associated with operating condition of one or more ports of the multi-protocol switch are monitored. Each of the first parameters is compared with a predefined criterion to determine deviation. Then determine one or more eligible ports out of the one or more ports based on non-deviation of each of the eligible one or more ports from an associated predefined criterion. For each of the eligible one or more ports, each of one or more second parameters is compared with an associated predefined threshold, the one or more second parameters associated with port traffic statistics. Then based on comparing each of the one or more second parameters with an associated predefined threshold, best performing port is determined through which the traffic is routed. Then the next best performing port is determined and the process of ranking the ports may continue. This reduces congestion on the multi-protocol switching device.

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

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSPORTING ISIS LLC-MAC FRAMES OVER PBT ETHERNET TUNNELS USING 802.1QAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L12/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Ltd. Address of Applicant: HCL Technologies Ltd. 50-53 Greams Road, Chennai 600006, Tamil Nadu, India (72)Name of Inventor: 1)Vijayanand C
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

⁽⁵⁷⁾ Abstract:

This invention relates to communication networks, and more particularly to using Provider Backbone Transport (PBT) Ethernet tunnels to carry LLC-SNAP (Logical Link Control Sub Network Access Protocol) headers comprising ISIS control packets.

(21) Application No.30/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTRIC LIGHTING FIXTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)Sekhar Nori Address of Applicant:6-3-1216/141, Methodist colony, Kundan Bagh, Begumpet, Hyderabad-500016 Andhra Pradesh India (72)Name of Inventor: 1)Sekhar Nori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)Sekilai Nori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A lighting fixture 100 and a method 150 for mounting the fixture 100 are provided. The lighting fixture 100 includes a rectangular supporting frame 101 at its bottom. A diffuser 102 is disposed upon the frame 101. The lighting fixture 100 further includes a luminarie assembly 103 along with first bracket 114 and a plurality of ballast 104, which are disposed above said diffuser 102. The luminarie assembly 103 includes a reflector 112 defining a plurality of channels, plurality of side walls and a plurality of sockets/ second brackets means 115 for mounting a plurality of lamps. Further the lighting fixture 100 is provided with a hanging bracket 116 at multiple location of the ballast 104. Furthermore a plurality of hinge members 106 are provided between said frame 101 and said luminarie assembly 103 to open and close the lighting fixture 100.

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPLICATION PLATFORM, SYSTEM AND METHOD FOR FETCHING DATA FROM ONLINE/OFFLINE SERVICE PROVIDING PLATFORMS

(71) I	G0(F0/00	(71)N
(51) International classification	:G06F9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RANJITH PRADEEP KUMAR REGULLA
(32) Priority Date	:NA	Address of Applicant :PLOT NO.16, F-5, GARDEN VIEW
(33) Name of priority country	:NA	ENCLAVE, WHITE FIELDS, KONDAPUR - 500 032 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)RAJESH YARRAMASU
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)RANJITH PRADEEP KUMAR REGULLA
Filing Date	:NA	2)RAJESH YARRAMASU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiment of the present disclosure is directed towards to an application platform configured to fetch data from service providing platforms. The application platform includes a status fetching unit configured to fetch current status and user customized credentials from the plurality of service providing platforms using an user authenticated unique identification code, a platform identification unit configured to identify the plurality of service providing platforms and process the data obtained from the status fetching unit and the platform identification unit for analyzing a corresponding status fetched from a respective service providing platform by a processing unit and further dynamically provide notifications and alerts to the respective users based on the data collected from the processing unit by a notification and alerting unit.

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention : MODIFIED CONVERTIBLE DUAL BRUSH/SINGLE BRUSH ELECTRO-MECHANMICAL APPLIANCE FOR CLEANING OF UPPER AND LOWER SURFACES OF CEILING FAN BLADE

		(71)Name of Applicant:
(51) International classification	:A46B13/00	_ / - · · · · · · · · · · · · · · · · · ·
(31) Priority Document No	:NA	Address of Applicant :PROP: SRI BHADRAKALI
(32) Priority Date	:NA	ENTERPRISES, 16-10-48/1, OPP:WARANGAL RLY STATION
(33) Name of priority country	:NA	(FORT SIDE), SHIVANAGAR, WARANGAL - 506 002 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)LOLLA BALA SUBRAMANYAM
(87) International Publication No	: NA	3)LOLLA SREEDEVI
(61) Patent of Addition to Application Number	:NA	4)LOLLA SUDHEER
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)LOLLA VISHNU VARDHAN
Filing Date	:NA	2)LOLLA SUDHEER
		3)LOLLA BALA SUBRAMANYAM

(57) Abstract:

Modified Convertible Dual brush / single Brush Electro-Mechanical appliance for cleaning of upper and lower surfaces of ceiling fan blade is here by invented to facilitate avoiding the hardships in replacing the worn out parts of the appliance . The Plummer type construction of the frame will allow sequential assembly and ease in dismantling of motor unit, brush units for maintenance. Plummer type construction also facilitate conversion of the appliance from single brush unit to dual brush unit & vise-versa without any difficulty This type of construction will also allow use of the appliance even in case of non-availability of second motor or second brush in any eventuality. Compensating Plummer will ensure conserving the partially worn out upper brush in case of dual brush unit. Bearing mounted shafts will ensure smooth rotation of the drive motor shaft, brush shafts of appliance.

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

(54) Title of the invention : METHOD AND SYSTEM FOR INTER-CELL INTERFERENCE COORDINATION IN WIRELESS NETWORKS

(51) International classification(31) Priority Document No(32) Priority Date	:H04W72/00 :NA :NA	(71)Name of Applicant: 1)WIPRO LIMITED Address of Applicant: Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAPTARSHI CHAUDHURI
(87) International Publication No	: NA	2)IRFAN BAIG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method, system, and non-transitory computer-readable storage medium for managing inter-cell interference in a wireless network is provided. The method may be executed by at least one processor at a small cell gateway and may include receiving, uplink interference power corresponding to a first small cell base station (SCBS). The method may further include receiving neighboring cell information of the first SCBS, the neighboring cell information including information on a first plurality of SCBSs neighboring the first SCBS. The method may further include determining based on the received uplink interference power, that the first SCBS is experiencing inter-cell interference and determining a second plurality of SCBSs from among the first plurality of SCBSs that are interfering with the first SCBS. The method may further include adjusting uplink power allocation corresponding to a second SCBS from among the second plurality of SCBSs.

(21) Application No.411/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: A NEW METHOD OF JOINING / INTERLOCKING CYLINDRICAL STEEL PIPE WITH PIECES OF WOOD, WHICH RESULTS IN STRONG JOINTS AND ATTRACTIVENESS, PARTICULARLY USEFUL IN FURNITURE INDUSTRY

(51) International classification	· A 47C7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THALHATH T
(32) Priority Date	:NA	Address of Applicant :2/319, KHADEEJA MANZIL, PO
(33) Name of priority country	:NA	NALLALAM, KOZHIKODE DISTRICT - 673 027 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THALHATH T
(87) 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 new method of joining/interlocking cylindrical steel pipe with pieces of wood, which results in strong joints and attractiveness. A methode where in steel pipes are joined with wooden pieces using steel rodes of proportional sizes. The steel rode is welded with proportional square rodes. Thus the square steel rode interlocks the wood and the steel pipe. The new method is particularly useful in furniture industry for manufacturing chairs, coats, tables, teapoys, among others. It is also useful for making stair case handles, handrails and other like products. In this method there will be no protruded joints and resultant unattractiveness. The wooden and the metallic parts stand jointly and the joints would not be visible. In the present invention wooden part and the iron pipe runs continuously and the joints would never be visible from outside.

(21) Application No.489/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: SMART-GAS STOVE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)MIDHUN RAJU. T Address of Applicant: THALIYAPARAMBIL HOUSE, P.O. VARANDARAPILLY, PIN - 680 303, THRISSUR Kerala India
(86) International Application No	:NA	2)ARJUN RAJ. K
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MIDHUN RAJU. T
(61) Patent of Addition to Application Number	:NA	2)ARJUN RAJ. K
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The main features of the Smart-Gas stove are; LPG leakage detection, timer setting facility and display of residual gas in the cylinder. To detect gas leakage LPG sensors are used. The timer setting facility enables the user to set a desired cooking time on the LCD screen provided, with the help of push buttons. To know the residual LPG in the cylinder, weight measuring sensors are used and its amount is displayed on the LCD screen in terms of percentage. For greater security all possible ways through which LPG leakage can occur are tapped. The burner gets ignited only if a utensil is placed on it and the burner will switch off too, when the utensil is taken off.

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : NOVEL SYNTHETIC PREPARATION OF NEW 2-CHLOROQUINOLINE-3-CARBALDEHYDE PHENYL HYDRAZONES AND MEDICINAL USE THEREOF

(51) International classification :C07D215/ (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)DR. GOPALPUR NAGENDRAPPA Address of Applicant: PROFESSOR & HEAD (CHEMISTRY DEPARTMENT), JAIN UNIVERSITY, GENOHELIX BUILDING, #127/3, BULL TEMPLE ROAD, CHAMARAJPET DISTT., BANGALORE - 560 019 Karnataka India (72)Name of Inventor: 1)NANJAPPA CHANDRIKA 2)HALIVANA BANAKAR VIJAYAKUMAR SOWMYA 3)NARASIMHA MURTHY PREVEENA 4)AMIT KUMAR TIWARI 5)THOLAPPANAVARA HANUMANTHAPPA SURESHA KUMARA 6)DR. GOPALPUR NAGENDRAPPA
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(57) Abstract:

The present invention relates to novel compounds of the general formula (3), their derivatives, their analogs, their tautomeric forms, their stereo isomers, their polymorphs, their hydrates, their solvates, their pharmaceutically acceptable salts and pharmaceutically acceptable compositions containing them. The present invention more particularly provides novel 2-chloroquinoline-3-carbaldehyde phenyl hydrazones of the general formula (3), and their novel solid phase syntheses by reacting a compound of general formula (1) with a compound of general formula (2) in presence or absence of solvent(s) at room temperature in higher chemical purity, greater yield, mild conditions and in shorter reaction time in an efficient eco friendly manner. Wherein, R1 = Hydrogen, Alkyl Group, Alkoxy Group and the like R2 = Hydrogen, Halogen, Nitro Group and the like R3 = Hydrogen, Alkyl Group and the like R4 = Hydrogen, Halogen and the like.

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWERING A MEMORY DATA MODULE USING ELECTRICAL ACTIVITY OF MUSCLES

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No SNA SNA (87) International Publication No SNA	Name of Applicant: ICL Technologies Limited Address of Applicant: HCL Technologies Ltd AMB 3.64- buth Phase, II Main road, Ambattur Industrial estate, Chennai- amil Nadu India Name of Inventor: Chyam Thangaraju
Filing Date :NA (72)Na (87) International Publication No : NA 1)Shy	Shyam Thangaraju
(61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	ishal Chaudhary

(57) Abstract:

Powering a memory data module using electrical activity of muscles. This invention relates to medical devices, and more particularly to a self-powered device for monitoring muscle activity. The principal object of this invention is to propose a self-powered sensor which extracts its energy from the electrical activity of the muscles.

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR SMART REQUEST PROCESSING

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHIJIT S. RANJEKAR
(87) 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 disclosure relates generally to compensating for the impact of fluctuations in network communications and, more particularly, to systems and methods for optimizing transmission of web content. In one embodiment, a web content transmission optimization method is disclosed that includes receiving a request to transmit web content. The method may also include identifying, based on the request, a response that includes one or more response objects corresponding to the web content. The method may further include restructuring, by one or more processors, the response based on one or more configuration parameters. The method also comprises scheduling the restructured response and transmitting the requested web content according to the scheduled restructured response.

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : A DATA PROCESSING METHOD AND AN INTERFACE FOR PROCESSING ONLINE TRANSACTIONS

(51) I	G0.60 2 0.100	(71)
(51) International classification	:G06Q20/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AVINASH SHANKAR GOWDA REDDY
(32) Priority Date	:NA	Address of Applicant :M.I.G -79, K.H.B Colony, O.P.D Ext,
(33) Name of priority country	:NA	Netaji Nagar, Bellary. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AVINASH SHANKAR GOWDA REDDY
(87) International Publication No	: NA	2)MULLANGI SUHAS CHOWDARY
(61) Patent of Addition to Application Number	:NA	3)MADHU SUDHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A data processing method and an interface based on an online transaction platform is disclosed. An interface for pooling credit or debit balances of one or more accounts of a user to enable him to transact online with a merchant. A user registration system enabling user to create an account with unique registration ID, in which the user is asked to give multiple debit/credit/net banking account details and a security system that authorizes the payment gateway server to purchase a product by combining the credit and/or debit card account details of the purchaser. By combining multiple credit/debit card accounts, the processing system and method herein disclosed helps the user to transact securely with the merchants in a single interface (account).

(22) Date of filing of Application :31/12/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF METHYL 2-[2-(6-CHLOROPYRIMIDIN-4-YLOXY) PHENYL]-3, 3-DIMETHOXYPROPIONATE

(51) International classification	:C07D239/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bhagiradha Chemicals & Industries Limited
(32) Priority Date	:NA	Address of Applicant :Plotno:3, Sagar Society, Road no-2,
(33) Name of priority country	:NA	Banjara Hills, Hyderbad-500 034, Andhra Pradesh, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vinay Durgam
(87) International Publication No	: NA	2)Sailakshmi Bikkini
(61) Patent of Addition to Application Number	:NA	3)Komali Botla
Filing Date	:NA	4)Sivaramireddy Bonthu
(62) Divisional to Application Number	:NA	·
Filing Date	:NA	

(57) Abstract:

The present invention relates to the process for preparation of Methyl 2-[2-(6-chloropyrimidin-4-yloxy)phenyl]-3,3-dimethoxypropionate and (E) Methyl 2-[2-(6-chloropyrimidine-4-yloxy) phenyl]-3-methoxypropenoate, which are important intermediates in the preparation of Azoxystrobin, a fungicide widely used world over in the protection of food and fruit crops.

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR RAPID ISOLATION OF GENOMIC DNA (DEOXYRIBONUCLEIC ACID)

(51) International classification	·C12N15/10	(71)Name of Applicant :
	:NA	1)DSR GENOME TECHNOLOGIES PRIVATE LIMITED
(31) Priority Document No	*	
(32) Priority Date	:NA	Address of Applicant :AQ-13/1,SECTOR-V,SALT LAKE
(33) Name of priority country	:NA	CITY, KOLKATA-700091, West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.SUBRATA KUMAR DEY
(87) International Publication No	: NA	2)MR.SHARAMAGATA MAITI
(61) Patent of Addition to Application Number	:NA	3)MS.SHRESTHA CHAKRABORTI
Filing Date	:NA	4)MR.MANDAR BHATTACHARYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method that has been designed in a rapid kit form for rapid isolation of nucleic acids, preferably genomic DNA from biological samples like blood, buccal cells and tissue samples, comprising the steps of lysing the samples using lysis buffer that acts as a source of anionic surfactant ions, optionally disintegrating the RNA present in the lysate, precipitating the surfactants ions from the lysate and separating the deoxyribonucleic acid(DNA) from the precipitate by protein precipitation. As per the invention, the simple lysis of cells with proteinase K without the need for any mechanical lysis has been done. Further processing using convenient silica spin column procedure enables very quick purifications of high quality and ready to use DNA within a time of less than one hour.

(19) INDIA

(22) Date of filing of Application :02/11/2012

(21) Application No.1267/KOL/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: TISSUE EXPANDER

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7.7

(57) Abstract:

The system, containing the sealing valve is fixed inside the injecting tube and there is no extra chamber to inflate the tissue expander with normal saline. The system, tissue expander is inflated through the valve only by injecting saline water with a needle and syringe. This was sealed in such a way that contamination from outside bacteria is ruled out.

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention : A COMPOSITION USING CALCIUM CARBIDE BASED REAGENTS FOR EXTERNAL DESULPHURIZATION OF HOT METAL

(51) International classification(31) Priority Document No(32) Priority Date	:C01B31/32 :NA :NA	(71)Name of Applicant: 1)JAMIPOL LIMITED Address of Applicant :NAMDIH ROAD, BURMAMINES,
(33) Name of priority country	:NA	JAMSHEDPUR-831007, JHARKHAND, INDIA.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)MR.ADARSH KUMAR AGRAWAL
(87) International Publication No	: NA	2)MR. JAYANTA ROY.
(61) Patent of Addition to Application Number	:NA	3)MR. SUSANTA KUMAR SINHA
Filing Date	:NA	4)MR. MADAN MOHAN MAHATO
(62) Divisional to Application Number Filing Date	:NA :NA	5)MS.SAMIKSHA SAXENA

(57) Abstract:

The present invention relates to a composition for external desulphurization of hot metal for producing low sulphur steel. More particularly, the present invention relates to the desulphurizing composition which comprises CaC2, CaF2,SiO2, Al2O3, CaO, Fe2O3, Fixed carbon, volatile matter etc in particular ratio. Moreover this invention relates to the desulphurizing composition which reduces the sulphur of hot metal in Ladle before steel making process in an integrated steel plant. Moreover this invention relates to the process for producing low sulphur steel by using desulphurizing composition.

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention : COMPOSITION USING CALCIUM CARBIDE AND MAGNESIUM BASED REAGENTS FOR EXTERNAL DESULPHURIZATION OF HOT METAL

(51) International classification	:C01B31/32	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAMIPOL LIMITED
(32) Priority Date	:NA	Address of Applicant :NAMDIH ROAD, BURMAMINES,
(33) Name of priority country	:NA	JAMSHEDPUR-831007, JHARKHAND, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR.ADARSH KUMAR AGRAWAL
(87) International Publication No	: NA	2)MR. JAYANTA ROY
(61) Patent of Addition to Application Number	:NA	3)MR. SUSANTA KUMAR SINHA
Filing Date	:NA	4)MR. MADAN MOHAN MAHATO
(62) Divisional to Application Number	:NA	5)MS.SAMIKSHA SAXENA
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved compound for desulphurization of hot metal. More particularly, the present invention relates to the improved method of desulphurization of hot metal by using carbide based compound (composition) and magnesium in optimum -ratio to avoid the demerits of using magnesium alone as a desulphuriser. Moreover this invention also relates to the improved method of desulphurization of hot metal by using carbide based compound (composition) and magnesium in definite ratio to increase the efficiency of present CAD compound.

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention : PREVENTION OF BIOFILM FORMATION BY ALTERATION OF DEVICE SURFACE WITH A PREFORMED STERILE BIOFILM

(51) Intermedianal alassification	·C07D207/20	(71)Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAITI, PRASANTA KUMAR
(32) Priority Date	:NA	Address of Applicant :DUILYA, HOWRAH-711302, West
(33) Name of priority country	:NA	Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAITI, PRASANTA 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:

Proposed simpler and cheaper technique for prevention of biofilm formation on surfaces of medical or industrial devices will provide an optimum hydrophobicity and wavy nature of surface in the form of biological coating with a sterilized preformed biofilm. After a mature biofilm formation on device with a known strong biofilm producer organism, it will be fixed and then sterilized by either moist heat or plasma sterilizer. The devices for long term use will be further treated with nano-silver solution for laying a uniform coat on pre-formed biofilm.

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 14/02/2014

(54) Title of the invention: A COMPOSITION/PRODUCT FOR FLUIDIZING HOT METAL SLAG IN IRON & STEEL MAKING

(51) International classification	:C21C5/52	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAMIPOL LIMITED
(32) Priority Date	:NA	Address of Applicant :NAMDIH ROAD, BURMAMINES,
(33) Name of priority country	:NA	JAMSHEDPUR-831007, JHARKHAND, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR.ADARSH KUMAR AGRAWAL
(87) International Publication No	: NA	2)MR. JAYANTA ROY.
(61) Patent of Addition to Application Number	:NA	3)MR. SUSANTA KUMAR SINHA
Filing Date	:NA	4)MR. MADAN MOHAN MAHATO
(62) Divisional to Application Number	:NA	5)MS.SAMIKSHA SAXENA
Filing Date	:NA	

(57) Abstract:

The present invention relates to a slag fluidizer composition. More particularly, the present invention relates to the slag fluidizer composition which comprises SiO2, Al2O3, CaO, Fe2O3 etc in particular ratio. Moreover this invention relates to the slag fluidizer composition which improves slag raking efficiency and reduces metal loss. Moreover this invention relates to the process for removal of slag by using slag fluidizer composition.

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.1414/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CASCADE BOOST AND INVERTING BUCK CONVERTER WITH INDEPENDENT CONTROL

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	6148126 17/06/2011	 (71)Name of Applicant: 1)INTERSIL AMERICAS LLC. Address of Applicant: 1001 Murphy Ranch Rd Milpitas CA 95035 U.S.A. (72)Name of Inventor: 1)WALTERS Michael M.
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(57) Abstract:

A converter system including a cascade boost converter and inverting buck converter and controller for converting a rectified AC voltage to a DC output current. The system uses inductors and is configured to use a common reference voltage. The controller is configured to control switching of the converters in an independent manner to decouple operation from each other. For example control pulses for the boost converter may be wider than pulses for the buck converter. The controller may control the boost converter based on constant on-time control and may control the inverting buck converter based on peak current control. The rectified AC voltage may be an AC conductive angle modulated voltage where the controller may inhibit switching of the inverted buck converter at a dimming frequency having a duty cycle based on a phase angle of the AC conductive angle modulated voltage.

(22) Date of filing of Application :07/08/2012

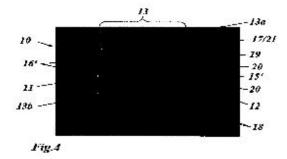
(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR RECONDITIONING A ROTOR OF A TURBOMACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)ULRICH WELLENKAMP 2)LUIS FEDERICO PUERTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)WOLFGANG KAPPIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention refers to a method for reconditioning a rotor (10) of a turbomachine, which is equipped with circumferentially extending rotor grooves (12) for accommodating rotor blades (13) which are retained in the rotor grooves (12) at a distance from each other by means of spacers. The method comprises the following steps: a) removing the rotor blades (13) and spacers from the rotor grooves (12) which are to be reworked; b) hollowing out the exposed rotor grooves (12) with simultaneous widening of the rotor grooves (12) in order to remove damage-inflicted material; c) introducing at least one circumferentially extending lateral groove (21) in each case for accommodating a filler piece in the rotor grooves (12) in such a way that a gap between rotor blades (13) and hollowed-out rotor grooves (12) is filled out by means of the filler piece; d) providing new spacers (15) which are matched to the hollowed-out rotor grooves (12) and have recesses (17) which are matched to the introduced lateral grooves (21); e) providing filler pieces for inserting into the circumferentially extending lateral grooves (21) and recesses (17) of the new spacers (15); and f) inserting the rotor blades (13) and new spacers (15) into the hollowed-out rotor grooves (12) and also inserting corresponding filler pieces into the lateral grooves (21) and matched recesses (17) of the new spacers (15). (Fig. 4)



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

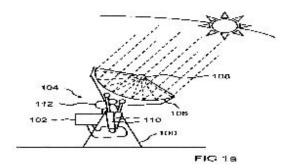
(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR TESTING A FUNCTIONALITY OF AN ANGLE ADJUSTING DEVICE AND SOLAR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01J :202011104375.8 :13/08/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor: 1)HUEBNER, RALF 2)GERMANN, GUENTER
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(57) Abstract:

The present subject matter describes a device (102) for testing a functionality of an angle adjusting device (104) to adjust an angle between a solar element (106) connected movably to a solar system (100) and the solar system (100). The angle adjusting device (104) comprises an angle sensor (112) to determine the angle and at least comprises two actuating elements (110) to adjust the angle. The device (100) includes an interface (114) which is configured to receive an angle signal of the angle sensor (112) and a respective control signal for operating each one of the actuating elements (110). The angle sensor (112) represents the angle between the solar element (106) and the solar system (100). An evaluation device (116) is configured to determine the functionality of the angle adjusting device (104) using at least one of the control signals and the angle signals.



No. of Pages: 19 No. of Claims: 15

(21) Application No.1855/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SHORT-CIRCUIT RELEASE HAVING AN OPTIMIZED COIL CONNECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01H :11172627 :05/07/2011 :EPO :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)Siemens Aktiengesellschaft Address of Applicant: Wittelsbacherplatz 2 80333 Munich GERMANY (72)Name of Inventor: 1)Rsen; Bernhard 2)Zhu; Yi
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Abstract Short-circuit release having an optimized coil connection The invention relates to a short-circuit release (1) in particular for a power circuit-breaker having an armature (2) and a pole (3) that are located inside of a coil former (4) and a yoke plate (6) and a terminal connection (7) which are arranged around the coil former (4). The invention is characterized in that a coil (5) is wound on the coil element (4) the two ends (14 15) of which can be welded on corresponding coil terminals from the same side.

(21) Application No.1856/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02H :11172629 :05/07/2011 :EPO :NA :NA : NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant:WITTELSBACHERPLATZ 2 80333 MUNICH GERMANY (72)Name of Inventor: 1)Rsch Bernhard 2)Zhu Yi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	Z)Znu Ti

(57) Abstract:

The invention relates to a circuit breaker with a short-circuit release and a thermal overload release (1) with the short-circuit release having an armature and a pole which are disposed within a coil former as well as a yoke plate (4) and a terminal connection which are disposed around the coil former and wherein the thermal overload release (1) has a metal strip (2) made of at least two types of metal around which a PTC thermistor (3) is wound wherein an electric insulator is disposed between PTC thermistor (3) and metal strip (2). The invention is wherein the connection between the thermal overload release (1) and the yoke plate (4) is made by means of a separate bracket (5).

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DEPTH FROM DEFOCUS IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N :13/272424 :13/10/2011 :U.S.A. :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:
Filing Date	:NA	1)DANESH PANAH, MOHAMMAD MEHDI
(87) International Publication No	: NA	2)HARDING, KEVIN GEORGE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ABRAMOVICH, GIL 4)GRAY, DANIEL CURTIS
(62) Divisional to Application Number	:NA	4)GRAI, DANIEL CORTIS
Filing Date	:NA	

(57) Abstract:

An imaging system includes a positionable device configured to axially shift an image plane, wherein the image plane is generated from photons emanating from an object and passing through a lens, a detector plane positioned to receive the photons of the object that pass through the lens, and a computer programmed to characterize the lens as a mathematical function, acquire two or more elemental images of the object with the image plane of each elemental image at different axial positions with respect to the detector plane, determine a focused distance of the object from the lens, based on the characterization of the lens and based on the two or more elemental images acquired, and generate a depth map of the object based on the determined distance.

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWER DISTRIBUTION IN AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B60R :1114890.5 :30/08/2011 :U.K. :NA	GLOUCESTERSHIRE GL52 8SF (GB) U.K. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)SHIPLEY, ADRIAN 2)WYER, ANDREW
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

One aspect of the present invention provides a power distribution system 100 for an aircraft. The power distribution system 100 comprises a first wiring harness 150 connected to a power supply 120, at least one integrated switching power converter 180, 280, 380 connected to the power supply 120 through the first wiring harness 150, and at least one electrical load 170 connected to a respective output 362 of a respective integrated switching power converter 180, 280, 380 through a second wiring harness 160. By using one or more integrated switching power converters 180, 280, 380 according to various embodiments of the present invention, a reduced total weight for the wiring needed to distribute power in the aircraft can be provided.

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HOSPITAL EQUIPMENT, PARTICULARLY AN INCUBATOR OR HEATED CARADLE, PROVIDED WITH A HEATER POSITIONING SYSTEM

(51) International classification	:A61D	(71)Name of Applicant:
(31) Priority Document No	:PI1106266-	` /
(32) Priority Date	:12/08/2011	11
(33) Name of priority country	:Brazil	(72)Name of Inventor:
(86) International Application No	:NA	1)DJALMA LUIZ RODRIGUES
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:

One describes a hospital equipment for the treatment of newborn babies, which operates as a heated cradle or as a hospital incubator depending on the need of the medical professional, comprising a structure (2), to which at least one bed (3) in the form of a tub is associated for positioning at least one patient, and a cover (3) associated to the bed, wherein the structure (2) comprises a first portion (21) positioned substantially flush with the floor, a second portion (22) associated to the first portion (21) and a third portion (23) that supports the bed (3), wherein the equipment comprises: - (i) a positioning system (10), provided with a single vertical tower (T) defining a concentric inner cavity, inside which two rods (11, 11) are provided parallel and adjacent to each other, first rod (11) being associated to the cover (3) and second rod (11) being associated to a heater (12) provided with electrical resistances or the like; - (ii) a movement means (13) for moving the first rod (11) associated to the cover (3) vertically upward and downward, and for moving the second rod (11) associated to the heater (12) vertically upward and downward, directly or indirectly; and - (iii) rotation means for rotating the heater (12) about its horizontal axis, so that the rotation movement of the heater (12) about its horizontal axis takes place at the end or close to the end of the stroke of vertical movement upward or downward of the second rod (11); the electrical resistances of the heater (12) being positioned inclined downward toward the patient when the second rod (11) reaches the position for heating the patient, and being in a position not directed to the dome (3) and above it when the rod (11) associated to it reaches its lowermost position upon actuation of said motion means and rotation means.

(22) Date of filing of Application :21/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COOLING SYSTEM FOR A PORTABLE ELECTRONIC DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F :201110103395.4 :25/04/2011 :China :NA	(71)Name of Applicant: 1)Sunon Electronics (Kunshan) Co. Ltd. Address of Applicant: No.168 Nanbang Rd. Economic and Technology Development Zone Kunshan Jiangsu China (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Tso-Kuo YIN
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cooling system for a portable electronic device includes a detection module a cooling module and a central control module. The detection module detects whether the portable electronic device is in a communication state. The detection module generates a communication identification signal when the portable electronic device is in the communication state. The detection module generates a non-communication identification signal when the portable electronic device is not in the communication state. The cooling module includes a fan and a fan driving unit electrically coupled to the fan. The central control module is electrically coupled to the detection module and the fan driving unit receives the communication identification signal or the non-communication identification signal and drives the fan to rotate or stop via the fan driving unit according to the identification signals.

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A Wind Turbine and an associated Control Method

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03B :PA 2011 70224 :06/05/2011 :Denmark :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)Envision Energy (Denmark) ApS Address of Applicant: Torvet 11 2 8600 Silkeborg Denmark (72)Name of Inventor: 1)Michael Friedrich 2)Anders Varming Rebsdorf
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(57) Abstract:

A method for controlling a two-bladed wind turbine in extreme wind conditions is described wherein when extreme conditions are detected or forecast for the wind turbine the wind turbine blades are positioned in a horizontal arrangement and actively yawed such that a tip of one of the wind turbine blades points into the wind direction. The blades are yawed such as to actively follow the changing wind direction resulting in a reduced surface area of the blades exposed to the extreme wind forces due to the spear-like arrangement of the turbine blades. This reduced surface area provides for a reduction in the extreme loads which may be experienced by the wind turbine in such extreme wind conditions.

No. of Pages: 26 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CALL BUTTON SYSTEM

(51) International classification (31) Priority Document No	:B66B :2012- 089401	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME,
(32) Priority Date		SHINAGAWA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)FUJINO TERUO
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2486/DEL/2012 A

(57) Abstract:

According to one embodiment, a call button system for calling a cage of an elevator includes: a call button disposed to be exposed to an opening (17) formed at a right side frame portion (16R) on a periphery of a platform; a rear side member (28) fixed to a rear side of the right side frame portion (16R) with an adhesive and formed with a rear side opening (26) overlapped with the opening (17); a holding member (30) mounted to the rear side member (28) and configured to hold the call button such that the call button can move forward and backward; a positioning mechanism (50) disposed at each of the right side frame portion (16R) and the rear side member (28) and configured to position the rear side member (28) relative to the right side frame portion (16R). The rear side member (28) is formed with rear side sub-openings (25) capable of receiving unnecessary adhesive when fixing the rear side member (28) to the right side frame portion (16R) with the adhesive.

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

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTROL APPARATUS AND CONTROL METHOD OF ROLLING MILL

(51) International classification	:B21B	(71)Name of Applicant:
	:2011-	1)HITACHI LTD.
(31) Priority Document No	188157	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:31/08/2011	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HATTORI SATOSHI
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 the case of performing shape control by coolant, a conventional art has a problem in that the mechanical configuration is complex. In controlling the shape of a rolled strip between an upper work roll and a lower work roll, for controlling coolant sprayed toward the rolled strip or the upper and lower work rolls on the rolling mill entrance side, the length of the coolant remaining on the rolled strip is changed with respect to the sheet width direction, thereby performing the shape control.

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

(21) Application No.2432/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELEVATOR DOOR DEVICE

(51) International classification	:B66B	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)TOSHIBA ELEVATOR KAUBUHIKI KAISHA
(31) Thority Document No	189342	Address of Applicant :5-27, KITASHINAGAWA 6-CHOME,
(32) Priority Date	:31/08/2011	SHINAGAWA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MEZAKI YUYA
Filing Date	:NA	2)IZUMI KAZUHIRO
(87) International Publication No	: NA	3)MURAO YOSUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application relates an elevator door device. An elevator door device includes an engaging element provided at a hall door panel and a pair of engaging blades which are engaged with the engaging element upon landing and provided at a car door panel. The elevator door device further includes an interconnecting member fixed to one engaging blade, an engaging blade roller moving in an opening/closing direction while guiding a displacement in a vertical direction of one engaging blade, an engaging blade roller guide member specifying a position in a vertical direction of the engaging blade roller, and a displacement transmission mechanism transmitting a displacement of the engaging blade roller to the interconnecting member. The displacement transmission mechanism includes an elastic body extendable and retractable in a vertical direction.

No. of Pages: 87 No. of Claims: 15

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: YARN WINDING MACHINE AND YARN WINDING UNIT

(51) International classification	:D01H1/00	(71)Name of Applicant :
(31) Priority Document No	:2011- 206506	1)MURATA MACHINERY, LTD. Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:21/09/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KENICHI UEDA
(87) International Publication No	: NA	2)TAKAHIRO TOYODA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

A fine spinning machine includes a winding device (13) adapted to wind a yarn into a package (45); a spinning device (9) adapted to supply a spun yarn (10) to the winding device (13); a yarn joining device (43) adapted to perform a yarn joining operation to join the spun yarn (10) between the package (45) and the spinning device (9); and a moving means (30). The moving means (30) can move the yarn joining device (43) between a yarn joining position and a retreated position, the yarn joining position being a position located close to a yarn path between the package (45) and the spinning device (9) during a normal winding, and the retreated position being a position located away from the yarn path.

No. of Pages: 48 No. of Claims: 13

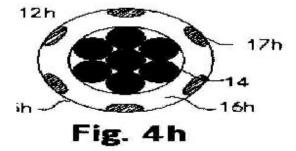
(22) Date of filing of Application :09/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRACTION MEMBER HAVING TRACTION CONTROL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)BRUGG DRAHTSEIL Address of Applicant: WYDENSTRASSE 36, CH-5242 BIRR, SWITZERLAND (72)Name of Inventor: 1)RICHARD PHILLIPS 2)DANIEL SCHOEPKE 3)TIM SCHWARZER 4)DANIEL SCHLESIER
. ,	:NA :NA	

(57) Abstract:

A traction member (12h) for use with driving pulleys, consisting of one or more load-bearing elements (14) and a plastics part (16h) which is arranged between the load-bearing elements (14) and a force-transmission surface (15h) of the traction member. The overall friction value results from the fact that the force-transmission surface (15h), which comes into contact with the driving pulley, has at least two regions, and that these regions are formed from different materials A and B having different coefficients of friction. The regions are in the form of strips (17h) in the longitudinal direction of the traction member. The carrier material A is softer and has a higher coefficient of friction and the further materials B1, B2, B3 etc. are each harder and each have a lower coefficient of friction. Preferably, the materials A, B1, B2, B3 etc. are applied in one work step by extrusion.



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

(21) Application No.2560/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ANNULAR CONTACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02C :102011082744.7 :15/09/2011 :Germany :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 Munich GERMANY (72)Name of Inventor: 1)PETROVIC LJUBISA 2)ROHRWILD CHRISTIAN 3)SIEGEL DANIELA
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(57) Abstract:

Annular contact An annular contact is disclosed which includes at least two contact fingers with a sector-type cross-section and a power supply with a connecting stud and at least one contact pressure means wherein the at least two contact fingers of the contact pressure means are pressed against the connecting stud and wherein the at least two contact fingers are arranged in an anti-twist manner on the connecting stud.

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

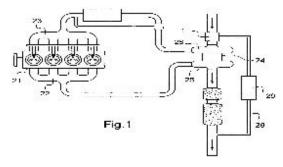
(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THREE-WAY VALVE WITH RETURN END-STOP ON THE AIR PATHWAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G05D :1157465 :23/08/2011 :France :NA :NA : NA : NA :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES DE CONTROLE MOTEUR Address of Applicant: 14 AVENUE DES BEGUINES, BP 68532, 95892 CERGY PONTOISE CEDEX, FRANCE (72)Name of Inventor: 1)HODEBOURG GREGORY 2)ADENOT SEBASTIEN
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(57) Abstract:

Three-way valve with two flaps comprising common control means (9) for the two flaps and actuation means (12, 13, 50) arranged each to drive, pivotwise, one of the two flaps, from one to the other of its open and closed position of one of the pathways, with a temporal phase-shift, such that, in a first stage the common control means pivot the second flap, the first flap remaining in a waiting position under the action of return means, and in a second stage, said control means, while continuing to pivot the second flap, begin to pivot the first flap, characterized in that said second actuation means (12, 50) comprises a return driving means (71) making it possible to pivot the second flap (5) to its first position under the action of the common control means (9) in the case of a failure of said return means. Figure for the abstract: Figure 10



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

(22) Date of filing of Application :05/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE AND METHOD FOR MARKING THE INSIDE OF A HOLLOW GLASS ITEM

(86) International Application No Filing Date (87) International Publication No (88) International Application No (87) Name of Inventor: (87) Name of Inventor: (87) Name of Inventor: (92) Name of Inventor: (92) Name of Inventor: (93) Name of Inventor: (94) Name of Inventor: (95) Name of Inventor: (96) International Application No (107) Name of Inventor: (97) Name of Inventor: (98) International Publication No (98) I	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA : NA :NA :NA	1)FROISSART Pascal
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(57) Abstract:

Device and method for marking the inside of a hollow glass item The invention relates to a device for marking the inside of a hollow glass item (1) having at least one plunger (15) comprising at least one raised and/or hollow pattern and a support assembly (20) for said at least one plunger (15) that can be moved between a first position in which the plunger (15) is outside the item (1) and a second position in which the plunger (15) is inside the item (1) and having radial movement means (40 43 44) for moving said at least one plunger (15) in a passive position spaced away from the inner surface (8) of the side wall (6) of the item (1) and an active position pressed against said inner surface (8) to imprint said at least one raised and/or hollow pattern.

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

(21) Application No.1779/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BOILING REFRIGERANT TYPE COOLING SYSTEM

(51) International classification	:B21B	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)HITACHI LTD.
(31) Thomas Document No	131027	Address of Applicant :6-6 Marunouchi 1-chome Chiyoda-ku
(32) Priority Date	:13/06/2011	Tokyo 100-8280 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kazuaki SUZUKI
Filing Date	:NA	2)Shigemasa SATO
(87) International Publication No	: NA	3)Akio IDEI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A boiling refrigerant type cooling system to suppress overshoot upon start of heat generation and realize stable start of boiling. In the boiling refrigerant type cooling system a metal boiling heat transfer unit has a base in thermal contact with a heat generating body. The boiling heat transfer unit is in contact with a liquid refrigerant. The boiling heat transfer unit has plural parallel tunnels communicating with the outside via holes or gaps under its surface a groove deeper than a tunnel diameter formed through all the tunnels in an orthogonal direction to the tunnels and a cover plate on the groove.

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

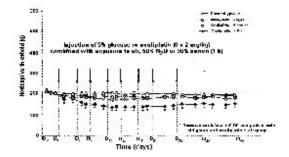
(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: USE OF INHALED NITROUS OXIDE OR XENON FOR PREVENTING NEUROPATHIC PAIN CAUSED BY CANCER CHEMOTHERAPY

(51) International classification (31) Priority Document No	:A61K :1159296	(71)Name of Applicant: 1)L'AIR LIQUIDE SOCIETE ANONYME POUR
(32) Priority Date	:14/10/2011	L'ETUDE ET L'EXPLOITATION DES PROCEDES
(33) Name of priority country	:France	GEORGES CLAUDE
(86) International Application No	:NA	Address of Applicant :75, QUAI D'ORSAY, 75007, PARIS,
Filing Date	:NA	FRANCE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BESSIERE BAPTISTE
Filing Date	:NA	2)PYPE JAN
(62) Divisional to Application Number	:NA	3)SIMONNET GUY
Filing Date	:NA	

(57) Abstract:

The invention relates to a gaseous inhalable medicament containing xenon or N2O as active ingredient for use by inhalation for preventing and/or for treating neuropathic pain or pains caused by at least one cancer chemotherapy substance administered to a patient suffering from cancer, in particular a patient suffering from breast cancer, lung cancer, ovarian cancer, prostate cancer, colon cancer, rectal cancer or a gastric cancer or cancer of the upper aerodigestive tracts. The cancer chemotherapy substance contains one or more compounds chosen from platinum salts, taxanes, alkaloids, thalidomide and bortezomib, in particular paclitaxel, docetaxel or oxaliplatin. The effective volume proportion of nitrous oxide or of xenon is between 5 and 70%. Refer to Figure 2



No. of Pages: 12 No. of Claims: 15

(19) INDIA

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

(21) Application No.2565/DEL/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: ELEVATOR

(51) International classification	:B66B	(71)Name of Applicant :
(31) Priority Document No	:2011- 212849	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:28/09/2011	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOSHIKAWA TOSHIFUMI
Filing Date	:NA	2)FURUHASHI MASAYA
(87) International Publication No	: NA	3)FUKATA HIRONORI
(61) Patent of Addition to Application Number	:NA	4)MORI KAZUHISA
Filing Date	:NA	5)YONEKAWA AKIRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

An elevator includes: a standby mode elevator car determination unit which determines an elevator car in a standby mode when the elevator car is not in a floor where the car parks and there is neither hall call registration nor car call registration; a parking floor determination unit which determines a floor where the elevator car in the standby mode parks when determination is made that the elevator car is in the standby mode; an expected time calculation unit which calculates expected time TA of next new hall call occurrence for the elevator car in the standby mode; and a car speed/acceleration determination unit which determines a car speed and a car acceleration for moving the elevator car in the standby mode to the floor where the car parks, in the expected time TA; wherein: the car speed/acceleration determination unit is provided so that at least one of the car speed and the car acceleration for moving the elevator car in the standby mode to the floor where the car parks becomes lower than that at the time of normal operation. It is therefore possible to provide an elevator in which suppression of peak power or reduction of power consumption can be attained at the time of movement of an elevator car to a floor where the elevator car in a standby mode parks, without spoiling user-friendliness.

No. of Pages: 47 No. of Claims: 10

(21) Application No.1484/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ALGAE CULTURE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:C12Q :1145-2011 :17/05/2011	(71)Name of Applicant: 1)Aeon Biogroup Spa Address of Applicant: Pasaje La Castellana 92 Las Condes
(33) Name of priority country	:Chile	Santiago Chile
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Alfonso NAVARRO
(87) 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 microalgae culture system that provides a greater control of the culture due to distribution and the shape of its components and the possibility to incorporate gases into the medium resulting in an increased culture yield and lower energy consumption per volume unit. The invention comprises a pool with a circular mantle PVC parts and a removable lid.

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

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM FOR TESTING AN ACOUSTIC ARRAY UNDER WATER LOAD

		(71)31 0 4 10
		(71)Name of Applicant :
(51) International classification	:H04B	1)BAE SYSTEMS INFORMATION & ELECTRONIC
(31) Priority Document No	:61/524,115	SYSTEMS INTEGRATION INC.
(32) Priority Date	:16/08/2011	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA,
(33) Name of priority country	:U.S.A.	NH 03061-0868, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WASON, JR., CHARLES P.
(87) International Publication No	: NA	2)SEARS, ERIC P.
(61) Patent of Addition to Application Number	:NA	3)LESLIE, WILLIAM R.
Filing Date	:NA	4)TALUKDAR, KUSHAL
(62) Divisional to Application Number	:NA	5)BRENKER, MICHAEL C.
Filing Date	:NA	6)KRUEGER, MICHAEL J.
		7)COLOM, LUIS

(57) Abstract:

An acoustic projector testing system using an acoustically transparent portable vessel which encloses a test apparatus is disclosed. The vessel is connected to an adapter plate which allows the test apparatus to be submerged in water. The testing system is then submerged in shallow water. An external pump fills the vessel with water and the air inside the vessel is allowed to escape through an external, sealable vent. Once all the air is evacuated, the vent is sealed. The pressure inside the vessel can be altered by adjusting the amount of water pumped into the vessel to perform necessary testing.

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

(21) Application No.2542/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SINGLE RECEIVER GPS POINTING VECTOR SENSING

(51) International classification (31) Priority Document No	:61/527,159	
(32) Priority Date		SYSTEMS INTEGRATION INC.
(33) Name of priority country(86) International Application No	:U.S.A. :NA	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA, NH 03061-0868, UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)FREY, JR., ROBERT D
(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 of determining a pointing vector using two GPS antennas and a single GPS receiver is disclosed. Two stationary GPS antennas, with a separation preferably less than half of a wavelength (100mm) may use a single receiver to determine the pointing vector of the system. Incorporation of a three axis angular rate measurement allows pointing determination during system rotation. Incorporation of three axis gyroscope system allows pointing determination while in motion. The system provides the ability to sense multipath and jamming. Also the system can potentially eliminate the impact and certainly alert the user that the measurement may not be reliable.

No. of Pages: 24 No. of Claims: 10

(21) Application No.2543/DEL/2012 A

(19) INDIA

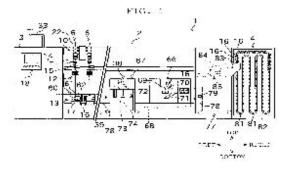
(22) Date of filing of Application :16/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: YARN WINDING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011- 206231	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN (72)Name of Inventor: 1)SHIGEYAMA MASAZUMI 2)YOKOTA ITARU
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(57) Abstract:

A spinning unit (6) is arranged along a longitudinal direction of a machine main body (2), and is adapted to form a package (17) by winding a spun yarn (15) around a winding bobbin (16). A bobbin stocker (4) is adapted to stock winding bobbins (16) to be used by the spinning unit (6). A doffing cart (67) is provided to travel between the spinning units (6) and the bobbin stocker (4), and is adapted to supply the winding bobbins (16) to the spinning unit (6). The bobbin stocker (4) is arranged to be accessible from at least the front side with respect to the winding bobbins (16) stocked in the bobbin stocker (4). The doffing cart (67) is adapted to receive the winding bobbins (16) stocked in the bobbin stocker (4) at a bobbin supplying position (77) located at the front side of the machine main body (2). [Most Illustrative Drawing] FIG. 1



No. of Pages: 33 No. of Claims: 7

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SHORT-TERM OPTICAL RECOVERY SYSTEMS AND METHODS FOR COHERENT OPTICAL RECEIVER

(31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No Filing Date (37) Name Filing Date (37) Name Filing Date (38) International Publication No Filing Date (39) International Publication No Filing Date (30) Name Filing Date (31) Priority Document No File Na Filing Date (31) Priority Document No File Na F	ne of Applicant: NA CORPORATION ress of Applicant: 7035 RIDGE ROAD, HANOVER, MD 426, UNITED STATES OF AMERICA ne of Inventor: HRVAR, HAMID AREVIC, SALIH BOUTOT, BERNARD UCET, DAVID
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(57) Abstract:

The present disclosure provides short-term optical recovery systems and methods in coherent optical receivers to minimize recovery time for fault scenarios and signal reacquisition while maintaining robust signal acquisition. The short-term optical recovery systems and methods include special techniques and algorithms to minimize recovery time. The short-term optical recovery systems and methods include an expedited acquisition engine that includes a reference clock recovery, a compensator to remove chromatic dispersion, a burst framer, and a compensator to remove polarization dispersion. Importantly, the expedited acquisition engine uses a memory-oriented architecture to allow some properties of the acquisition engine to be stored during initial acquisition and, hence, later on be deployed in any fault scenario to further expedite recovery of a signal. The expedited acquisition engine leverages on a frequency aligned Local Oscillator (LO) as well as pre-calculated dispersion maps and equalizer coefficients.

No. of Pages: 31 No. of Claims: 20

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MULTILAYER MICROFILTRATION MEMBRANE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D :13/224,002 :01/09/2011 :U.S.A.	·
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)WANG, I-FAN
(61) Patent of Addition to Application Number	:NA	2)MORRIS, RICHARD
Filing Date	:NA	3)LIANG, XUEMEI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A microfiltration membrane comprising (a) an asymmetric layer, (b) an isometric layer, and (c) an interface layer between the asymmetric layer and the isometric layer, the interface layer having a first portion contacting the asymmetric layer and a second portion contacting the isometric layer; wherein, (i) the asymmetric layer has a region contacting the first portion of the interface layer, the region including cells having a first porous structure; (ii) the isometric layer has a region contacting the second portion of the interface layer, the region including cells having a second porous structure; the first porous structure being larger than the second porous structure; and the first portion of the interface layer comprises cells having the first porous structure, and the second portion of the interface layer comprises cells having and using the membrane, are disclosed. Also disclosed is a microfiltration membrane comprising (a) a first asymmetric layer, (b) a second asymmetric layer, and (c) an interface layer between the first asymmetric layer and the second asymmetric layer, the interface layer having a first portion contacting the first asymmetric layer and a second portion contacting the second asymmetric layer; wherein, (i) the first asymmetric layer has a region contacting the first portion of the interface layer, the region including cells having a second porous structure; the first porous structure being larger than the second porous structure; and the first portion of the interface layer comprises cells having the first porous structure, and the second portion of the interface layer comprises cells having the second porous structure, and the second porous structure; and the first portion of the interface layer comprises cells having the second porous structure, and the second porous structure; and the first portion of the interface layer comprises cells having the second porous structure, and the second porous structure; and the first portion of the interface layer comprises cells having the secon

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

(21) Application No.2546/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ENGINE SYSTEM AND A VEHICLE

(51) International classification	:B66F	(71)Name of Applicant:
(31) Priority Document No	:GB	1)JC BAMFORD EXCAVATORS LIMITED
(31) Thomas Bocament No	1114312.0	Address of Applicant :LAKESIDE WORKS, ROCESTER,
(32) Priority Date	:19/08/2011	UTTOXETER, STAFFORDSHIRE, ST 14 5JP, UNITED
(33) Name of priority country	:U.K.	KINGDOM
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TOLLEY, ALAN
(87) International Publication No	: NA	2)LOUD, COLIN
(61) Patent of Addition to Application Number	:NA	3)COTTINGHAM, DARRYL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An engine system including a compression ignition internal combustion engine, a turbo charger having a turbo charger turbine coupled to a turbo charger compressor, an electric supercharger having an electric motor coupled to a supercharger compressor, the electric supercharger being operable to selective supply pressurised air to an inlet of the turbo charger compressor, and a bypass duct for selectively supplying air to the inlet of the turbo charger compressor.

No. of Pages: 25 No. of Claims: 23

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMAGE FIXATION APPARATUS AND RECORDING APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date		(71)Name of Applicant: 1)SEIKO EPSON CORPORATION Address of Applicant :OF 4-1, NISHISHINJUKU 2-CHOME, SHINJUKU, TOKYO 163-0811, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)AKAMINE, MASAHIRO
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 image fixation apparatus includes a supporting surface that is a part of a path along which a recording target medium is transported from an upstream side to a downstream side and can support the recording target medium; and an image fixation section that is provided opposite the supporting surface and performs image fixation processing when the recording target medium is supported by the supporting surface after recording of an image on the recording target medium at a position upstream of the supporting surface, the image fixation processing being processing of fixing the image on the recording target medium, wherein, when measured in a direction in which the supporting surface and the image fixation section are provided opposite to each other, the supporting surface is relatively distant from the image fixation section as compared with a region that is located upstream of the supporting surface in the transportation path.

No. of Pages: 42 No. of Claims: 7

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : ANALGESICS ANAESTHESTICS ANTIFOULANTS A VERSANTS IRRITANTS INCAPACITANTS AND COMPOSITIONS CONTAINING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :11/387,277 :23/03/2006	(71)Name of Applicant: 1)WHITE FLOWER ASSOCIATES LLP Address of Applicant: 707 Broadhollow Road Ste. 28
(33) Name of priority country	:U.S.A.	Farmingdale New York 11735 UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MEL BLUM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:571/DEL/2007	
Filed on	:16/03/2007	

(57) Abstract:

This invention relates to compounds and compositions containing the same. Method of making the compounds. The compounds and/or compositions used as an analgesic anaesthetic antifoulant aversant irritant sternutator neurodegenerator counter irritant (delayed) rubifaciant stomachic fungicide insecticide preservative circulatory stimulant cardio-protective agent immune booster decongestant anti-inflammatory agent incapacitant biocide mildewcide pharmaceutical repellant flavorant carminative antismoking agent and/or antithrombotic agent. One of the compounds being lidocaine nonivamide. The compositions comprising one or more of the compounds one or more of an antioxidant a UV absorber and one or more biocides such as for example OBPA.

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FITNESS EQUIPMENT SUBSCRIPTION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	:U.S.A.	7202 Woodinville WA 98072-4002 UNITED STATES OF AMERICA
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)BARKER Robert James
(87) 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 apparatus receive an identification of a user at a fitness equipment unit retrieve a current subscription plan for the user based upon the identification and make features for the fitness equipment unit in the current subscription plan of the user available for use by the user on the fitness equipment unit.

No. of Pages: 71 No. of Claims: 26

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : UNDERWATER ACOUSTIC ARRAYS LINEARIZED BY WEIGHT AND BUOYANCE DISTRIBUTION

(51) International algorification	·HOAD	(71)Nome of Applicant
(51) International classification	:H04R	(71)Name of Applicant:
(31) Priority Document No	:61/526,497	
(32) Priority Date	:23/08/2011	SYSTEMS INTEGRATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA,
(86) International Application No	:NA	NH 03061-0868, UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)REUTER, JEFFREY A.
(61) Patent of Addition to Application Number	:NA	2)TERRY, WILLIAM S.
Filing Date	:NA	3)NATION, ROBERT J.
(62) Divisional to Application Number	:NA	4)BALDWIN, KENNETH
Filing Date	:NA	5)DECEW

(57) Abstract:

A system and method for linearizing underwater sensor arrays is disclosed. The sensor array comprises slightly positive or negative buoyant sensors that are positioned along a cable. A weight is positioned at a deep end of the cable or a buoyant object is positioned at a shallow end of the cable, but not both. Distributing buoyant elements throughout the length of the array generates more consistent, uniformly distributed tension, enabling the sensor array to maintain a linear shape in currents of all strengths and speeds.

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

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EMBEDDED LINEAR MOTOR DRIVE FOR IR CAMERA SHUTTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G03B :61/526,534 :23/08/2011 :U.S.A.	(71)Name of Applicant: 1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC. Address of Applicant: P.O. BOX 868, NHQ1-719, NASHUA,
(86) International Application No	:NA	NH, NH 03061-0868, UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)KOEROGHLIAN, MARK M.
(61) Patent of Addition to Application Number	:NA	2)KELLEY, MARK J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An embedded linear motor drive for an IR camera comprising linear motor components that integrates into a sliding shutter is disclosed. The linear motor components can be a linear array of magnets, or a series of ridges or gear teeth. A motor drive is aligned with the linear motor components. The drive can be a series of coils connected to a power source that can move the shutter when the coils are energized in series. The drive can also be a pinion shaft with a friction wheel at one end or pinion gear that can connect to the ridges or gear teeth and move the shutter when the shaft is rotated.

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VOICE LEARNING METHOD USING AN ELECTRONIC DEVICE

(51) International classification :G09B (31) Priority Document No :1001301 (32) Priority Date :23/08/20 (33) Name of priority country :Taiwan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	/
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(57) Abstract:

In a voice learning method using an electronic device, the owner of the electronic device is allowed to store a plurality of learning file units in a data storage unit (2) of the electronic device. Each learning file unit includes an audio file having individual audio content to be learned. A number (N) of target learning file unit is selected from the learning file units stored in the data storage unit (2). When a communicating unit (3) of the electronic device communicates with a communications network, an audio playing unit (4) of the electronic device is enabled to play the audio files of the target learning file unit in order in response to incoming signals received by the communicating unit (3). (Figure 1)

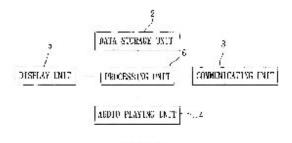


FIG. 1

No. of Pages: 28 No. of Claims: 20

(21) Application No.1886/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VIBRATION ACTUATOR LENS BARREL AND CAMERA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G01N :2011- 138368 :22/06/2011 :Japan :NA :NA :NA	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant:12-1 Yurakucho 1-chome Chiyoda-ku Tokyo 100-8331 JAPAN (72)Name of Inventor: 1)SUMITOMO Mine
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vibration actuator includes an elastic member and a relative movement member. The elastic member generates oscillatory waves by oscillation of an electromechanical conversion element. The relative movement member with which the elastic member is in pressure contact is driven by the oscillatory waves to rotationally move with respect to the elastic member. Of the elastic member and the relative movement member at least one member has a plurality of spaces at one contacting face opposite to the other contacting face of the other member. The spaces are filled with friction coefficient adjusting substances so that a coefficient of friction of the one contacting face of the one member changes in a radial direction.

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

(21) Application No.2558/DEL/2012 A

(19) INDIA

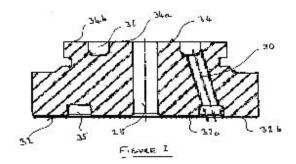
(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VALVE

(51) International classification(31) Priority Document No(32) Priority Date	:F25B :1203255.3 :24/02/2012	Address of Applicant :CHARLTON HOUSE, 15
(33) Name of priority country	:U.K.	CIRENCESTER ROAD, CHELTENHAM,
(86) International Application No	:NA	GLOUCESTERSHIRE, GL53 8ER, UNITED KINGDOM
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ZANETTACCI, CHARLES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is disclosed a valve 10 comprising a valve body 12 having an upper sealing surface 24 and a maintainable seat 26 detachably attached to the valve body 12 and having a lower sealing surface 32. A gasket 40 is disposed between the upper and lower sealing surfaces 24, 32 so as to provide a seal between the valve body 12 and the maintainable seat 26. At least one of the sealing surfaces 24, 32 is profiled. This results in the gasket 40 being highly-compressed so as to form an effective seal. FIGURE 2



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

(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WIRE-LOCKING DEVICE AND INDICATOR LIGHT MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R :201120346279.0 :15/09/2011 :China :NA :NA : NA : NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 Munich GERMANY (72)Name of Inventor: 1)Shi Qiang Yuan 2)Ji Qin Zhang 3)Zhuo Jun Zhao
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(57) Abstract:

Disclosed in the present patent application are a wire-locking device and a copper strip thereof. In this case the copper strip has a first copper strip part arranged opposite the end face of a wire-pressing screw in said wire-locking device and said first copper strip part is provided thereon with a concave guiding structure at a position opposite said wire-pressing screw. The wire-locking device with this copper strip has a relatively high locking rate. In addition also disclosed in the present patent application is an indicator light module with a wire which can be locked by the wire-locking device mentioned above and it comprises an indicator light and input and output wires and the ends of the wires have the same wire diameters as that of the wires themselves so that the indicator light module is simple in its manufacturing process and incurs low costs.

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

(22) Date of filing of Application :23/08/2012

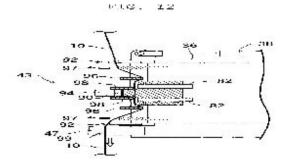
(43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS FOR JOINING A YARN, AND YARN WINDING MACHINE AND UNIT INCLUDING THE SAME

(51) International classification	:D01H1/00	(71)Name of Applicant:
(31) Priority Document No	:2011- 206508	1)MURATA MACHINERY, LTD. Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:21/09/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KENICHI UEDA
(87) International Publication No	: NA	2)SHUJI YAMADA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn joining device (43) is adapted to perform a yarn joining operation to join a spun yarn (10) between a spinning device and a package. A yarn-path regulating member (yarn guiding levers 96 and yarn controlling levers 98) is adapted to move between a position of making contact with the spun yarn (10) to bend the spun yarn (10) and a position of releasing the spun yarn (10). A control section is adapted to control the yarn-path regulating member to make contact with the spun yarn (10) to bend the spun yarn (10) during the yarn joining operation, and to maintain bending of the spun yarn (10) after completion of the yarn joining operation and until at least winding of the spun yarn (10) by the winding device is started. Most Illustrative Drawing: FIG. 12



No. of Pages: 49 No. of Claims: 14

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RAM AIR TURBINE WITH INTEGRATED HEAT EXCHANGER

(32) Priority Date :21/	1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)TANEJA, DINESH NATH 2)LAYER, JOHN ANDREW A A
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(57) Abstract:

A ram air turbine system (12) for generating electrical power in an aircraft when the system (12) is exposed to an airstream exterior of the aircraft. The ram air turbine system (12) includes a turbine (14), a housing (20) defining an interior (40), a gearbox (23) having a speed-increasing gear train (60), and a generator (22).

No. of Pages: 15 No. of Claims: 12

(21) Application No.1671/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMPROVED HOOD ASSEMBLY FOR CONTROLLABLY COOLING EXTRUDED SECTION MEMBERS OF ALUMINIUM AND OTHER METAL MATERIALS AT AN OUTPUT OF AN EXTRUDING LINE THEREFOR

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	(71)Name of Applicant: 1)EAGLE TECH S.R.L. Address of Applicant: 3 Via Rovereto I-20871 VIMERCATE MB ITALY (72)Name of Inventor: 1)ZAMBETTI Guido
Filing Date	:NA	

(57) Abstract:

An improved hood assembly for controllably cooling extruded section members of aluminium and other metal materials at an output of an extruding line therefor characterized in that said hood assembly comprises a plurality of air delivery spouts inclined according to angles varying from 20° to 60° with respect to a sliding longitudinal direction of said section member through said cooling line.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EMISSIONS PREDICTION SYSTEM FOR POWER GENERATION SYSTEM

(51) International classification :F02C (31) Priority Document No :13/214 (32) Priority Date :22/08/2 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA Filing Date :NA	
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(57) Abstract:

A system configured to decrease the emissions of a power plant system (140, 500, 600) during transient state operation is disclosed. In one embodiment, a system includes: at least one computing device (102, 110, 114) adapted to adjust a temperature of an operational steam in a power generation system (140, 500,600) by performing actions comprising: obtaining operational data (134) about components of a steam turbine (592) in the power generation system (140, 500,600), the operational data (1 34) including at least one of: a temperature of the components and a set of current ambient conditions at the power generation system (140, 500, 600); determining an allowable operational steam temperature range (Rl) for the steam turbine (592) based upon the operational data (134); generating emissions predictions (El, E2, E3, OETM) for a set of temperatures within the allowable steam temperature range (Rl); and adjusting the temperature of the operational steam based upon the emissions predictions (El, E2, E3, OETM).

No. of Pages: 33 No. of Claims: 10

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTROLLER FOR ELEVATOR

		(71)Name of Applicant :
(51) International classification	:B66B	1)HITACHI, LTD.
(21) Drivrity Dogument No	:2011-	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(31) Priority Document No	178981	CHIYODA-KU, TOKYO 100-8280, JAPAN
(32) Priority Date	:18/08/2011	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)HOSHINO TAKAMICHI
(86) International Application No	:NA	2)MATSUDO TAKASHI
Filing Date	:NA	3)MATSUMOTO KEIJI
(87) International Publication No	: NA	4)TAKAYAMA NAOKI
(61) Patent of Addition to Application Number	:NA	5)INOUE SHINSUKE
Filing Date	:NA	6)YOSHIKAWA TOSHIFUMI
(62) Divisional to Application Number	:NA	7)OMIYA AKIHIRO
Filing Date	:NA	8)FUKATA HIRONORI
-		9)IWAMOTO AKIRA

(57) Abstract:

An object of the present invention is to provide a controller for an elevator that enables a place with abnormal landing precision to be identified at a glance during elevator inspection, without having to add special devices. In a controller for an elevator that has a position detection sensor 80 attached to an elevator car 1 and to-be-detected objects 81 to 83 that are placed in a hoistway and are detected by the position detection sensor, the controller detecting the position of the elevator car, the position detection sensor has four sensor units 80A to 80D attached to the elevator car side by side; each of the to-be-detected objects has a plurality of to-be-detected units 81a to 81d, 82a and 82d, or 83a to 83d, which are detected at the same time by at least two sensor units of the four sensor units arranged side by side underneath the elevator car; an abnormality is detected in response to a difference between output timings of the at least two sensor units.

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

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DIAL PLATE STRUCTURE AND WATCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G04B :2011- 187266 :23/08/2011 :Japan :NA :NA :NA	(71)Name of Applicant: 1)CASIO COMPUTER CO.,LTD. Address of Applicant: 6-2, HON-MACHI 1-CHOME, SHIBUYA-KU, TOKYO 151-8543 Japan (72)Name of Inventor: 1)SATO JUNICHI 2)SHIRAISHI SHUNYA
11		
(62) Divisional to Application Number Filing Date	:NA :NA	
	.1 11 1	

(57) Abstract:

A dial plate structure includes first and second dial plates and a rotary indicator. The first dial plate has a first opening or a first cutout. The second dial plate is arranged under the first dial plate and has a plurality of function display portions exposed through the opening or the cutout. The I rotary indicator is arranged between the first and second dial plates and has a function indicator to selectively indicate one of the function display portions by rotation. The rotary indicator is partially exposed through the opening or the cutout. The rotary indicator has, on the surface thereof, a plurality of index markers respectively corresponding to the function display portions. The first dial plate has a second opening or a second cutout to expose one of the index markers when the function indicator indicates one of the function display portions corresponding to the indicated function display portion.

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

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1296/DEL/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: IMAGING DEVICE

(51) International classification :H04N (31) Priority Document No :2011- 099652 (32) Priority Date :27/04/ (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	1)NIKON CORPORATION Address of Applicant :12-1 Yurakucho 1-chome Chiyoda-ku Tokyo 100-8331 Japan
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(57) Abstract:

An imaging device includes a pixel array in which pixels each including a photoelectric conversion part generating and storing a signal charge in accordance with incident light are disposed in a two-dimensional matrix state and a vertical scanning circuit performing a reset of the photoelectric conversion part by each selected row and performing a reading of a signal of the pixel by each selected row. During a read period performing the reading the vertical scanning circuit performs the reset for the photoelectric conversion part at an arbitrary row of which reading ends in accordance with a change of the number of rows to which the resets for the photoelectric conversion parts before exposure are performed to make the number of rows to which the resets of the photoelectric conversion parts are performed constant within the read period of each row.

No. of Pages: 51 No. of Claims: 3

(21) Application No.1796/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: Short-circuit release having an optimized magnetic circuit

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H05K :EP11172628 :05/07/2011 :EPO :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2 80333 MUNICH GERMANY (72)Name of Inventor:
Filing Date	:NA	1)Rosen; Bernhard
(87) International Publication No	: NA	2)Zhu; Yi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Short-circuit release having an optimized magnetic circuit The invention relates to a short-circuit release (1) in particular for a power circuit-breaker having an armature (2) and pole (3) that are located inside a coil former (4) and further having a yoke plate (6) and terminal connection (7) that are positioned around the coil former (4). The invention is wherein arranged opposite the yoke plate (6) is a magnetic plate (10) resting against the terminal connection (7).

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

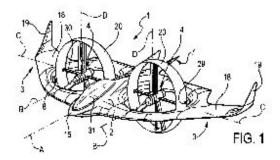
(22) Date of filing of Application :27/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONVERTIPLANE

(31) Priority Document No :11425208.3 (32) Priority Date :29/07/2011	(71)Name of Applicant: 1)AGUSTAWESTLAND S.P.A. Address of Applicant:520, FRAZIONE CASCINA COSTA- VIA GIOVANNI AGUSTA, SAMARATE ITALY (72)Name of Inventor: 1)JAMES WANG
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(57) Abstract:

There is described a convertiplane (1) comprising: a pair of semi-wings (3); at least two rotors (4) which may rotate about relative first axes (B) and tilt about relative second axes (C) together with first axis (B) with respect to semi-wings (3) between a helicopter mode and an aeroplane mode; first axis (B) being, in use, transversal to a longitudinal direction (A) of convertiplane (1) in helicopter mode, and being, in use, substantially parallel to longitudinal direction (A) in aeroplane mode; convertiplane (1) further comprises at least two through openings (8) within which said rotor (4) may tilt, when said convertiplane (1) moves, in use, between said helicopter and said aeroplane mode. (Figure 1)



No. of Pages: 47 No. of Claims: 16

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ILLUMINATION UNIT AND DISPLAY APPARATUS USING THE SAME

		(71)Name of Applicant:
(51) International classification	:G02F	1)HITACHI CONSUMER ELECTRONICS CO. LTD.
(31) Priority Document No	:2011-	Address of Applicant :2-1, OTEMACHI 2-CHOME,
(31) I Hority Document No	184271	CHIYODA-KU, TOKYO, JAPAN
(32) Priority Date	:26/08/2011	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)SHIRAISHI MIKIO
(86) International Application No	:NA	2)TANABE MASAYUKI
Filing Date	:NA	3)TANIMURA MIKA
(87) International Publication No	: NA	4)YAMAMOTO SHOJI
(61) Patent of Addition to Application Number	:NA	5)TAKANO KENJI
Filing Date	:NA	6)SHIMANE YOSHIFUMI
(62) Divisional to Application Number	:NA	7)OHARA YASUAKI
Filing Date	:NA	8)NA
-		9)NAKAMURA REIJI

(57) Abstract:

An illumination unit includes an LED (2) and a tabular light guide plate (1) having a light emitting surface (110) for emitting light from the LED (2) as planar light, wherein a recessed portion (101) is formed in the opposite surface of the light emitting surface (110) of the light guide plate (1), and wherein the LED (2) is provided in the recessed portion (101) so that the optical axis of the LED (2) becomes parallel to the light emitting surface (110) of the light guide plate (1). Further, a plurality of LEDs (2) are arranged along the longer direction of the recessed portion (101), a dimming pattern (3) is provided at a location corresponding to each of a plurality of LED (2) of the light emitting surface (110) of the light guide plate (1), and the shape or the size of the dimming pattern is varied with a location on the light emitting surface (110) of the light guide plate (1).

No. of Pages: 36 No. of Claims: 11

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EMERGENCY DISCONNECT SEQUENCE VIDEO SHARING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :13/221,125 :30/08/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)HYDRIL USA MANUFACTURING LLC Address of Applicant: 3300 N. SAM HOUSTON PARKWAY EAST HOUSTON, TEXAS 77032, U.S.A. (72)Name of Inventor: 1)EBENEZER, JOSEPH PREM
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

Emergency disconnect sequence (EDS) video sharing systems and method. The EDS video sharing system may include, among other features, a storage to store EDS evidence, and at least a portion of a communication link to transmit said EDS evidence from a drilling platform to a remote computing device during a video sharing session between a rig computing device and the remote computing device.

No. of Pages: 40 No. of Claims: 22

(19) INDIA

(21) Application No.1810/DEL/2012 A

(22) Date of filing of Application: 12/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: A Wind Turbine Blade

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Silva Silv	 (86) International Applicating Filing Date (87) International Publication (61) Patent of Addition to A Filing Date 	ry on No on No Application Number	:Denmark :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)Envision Energy (Denmark) ApS Address of Applicant: Torvet 11 2 8600 Silkeborg Denmark (72)Name of Inventor: 1)Peter Grabau
Filing Date :NA	Filing Date	on number		

(57) Abstract:

A wind turbine blade is described having a pitch system coupling which is adapted to allow fasteners such as bolts of such a coupling to be tightened from the inside of the blade. This removes the need for relatively difficult and expensive external maintenance operations to tighten pitch coupling bolts. The coupling is arranged to present first and second internal bearing surfaces against which the bolts of the pitch coupling can be tightened. The coupling may comprise a shaped end portion of an inner blade section and/or the pitch system may comprise an additional bolting collar to facilitate this arrangement.

No. of Pages: 37 No. of Claims: 12

(21) Application No.1811/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A Wind Turbine and an associated Yaw Control Method

(51) International alocalification	:F03B	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:PA 2011	1)Envision Energy (Denmark) ApS
(31) Thomas Document No	70342	Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark
(32) Priority Date	:30/06/2011	(72)Name of Inventor:
(33) Name of priority country	:Denmark	1)Michael Friedrich
(86) International Application No	:NA	2)Peter Grabau
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 of controlling the yawing of two-bladed wind turbine is described. The yaw speed of the turbine is increased when the wind turbine rotor blades are in a substantially vertical position and the yaw speed may be reduced when the blades are substantially horizontal. By modulating the yaw rate based on the rotational angle of the blades the effect of the yaw moments on the wind turbine structure is reduced and the wind turbine may be designed to take into account such reduced forces.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AMORPHOUS CORE TRANSFORMER

(51) International classification	:H01F	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.,
(31) I Hority Document No	239840	LTD.
(32) Priority Date	:01/11/2011	Address of Applicant :3, KANDA NERIBEI-CHO,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 101-0022, JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUBOTA KEISUKE
(87) International Publication No	: NA	2)SHIRAHATA TOSHIKI
(61) Patent of Addition to Application Number	:NA	3)ONO JUNJI
Filing Date	:NA	4)SHIINA YOETSU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an amorphous core transformer, an amorphous core is constructed such that, when a plurality of kinds of amorphous magnetic strips having different widths are arranged in abutting relation and laminated, the amorphous magnetic strips are alternated in arrangement for lamination so that abutting surfaces of the arranged and laminated amorphous magnetic strips are displaced with respect to one another. Thus, hours of wrapping work are drastically reduced and working efficiency is improved.

No. of Pages: 44 No. of Claims: 5

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DIAGNOSTIC APPARATUS AND DIAGNOSTIC METHOD FOR POWER PLANTS

(51) International classification	:G05B	(71)Name of Applicant:
(31) international classification		
(31) Priority Document No	:2011-	1)HITACHI, LTD.
(31) Thomas Document No	197837	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:12/09/2011	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SEKIAI TAKAAKI
Filing Date	:NA	2)EGUCHI TORU
(87) International Publication No	: NA	3)KUSUMI NAOHIRO
(61) Patent of Addition to Application Number	:NA	4)FUKAI MASAYUKI
Filing Date	:NA	5)SHIMIZU SATORU
(62) Divisional to Application Number	:NA	6)MURAKAMI MASAHIRO
Filing Date	:NA	

(57) Abstract:

A diagnostic apparatus for power plants, in which an operating state of a power plant is diagnosed based on a measurement signal in which a state quantity of the plant has been measured and a diagnostic result is displayed on an image display device, includes: a model construction unit; a model definition unit that defines both an operating condition diagnosed by the model andmethod of normalizing the measurement signal; and a diagnostic unit, in which the model definition unit includes both an operating condition determination unit for determining an operating condition of the power plant and a normalization condition determination unit for determining a normalization condition of data for every operating condition determined by the operating condition determination unit, and in which the diagnostic unit executes diagnosis by switching a diagnostic model in accordance with an operating condition.

No. of Pages: 60 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELEVATOR DOOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Japan :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN (72)Name of Inventor: 1)MEZAKI YUYA 2)MURAO YOSUKE
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(21) Application No.2655/DEL/2012 A

(57) Abstract:

An elevator door device includes an engaging element that is provided at a hall door panel and a pair of engaging blades that is engaged with the engaging element upon landing and that is provided at a car door panel in parallel to each other. The elevator door device includes: an engaging blade roller that is fixed to one engaging blade to move in opening and closing directions of a car door panel while guiding a displacement in a vertical direction of one engaging blade; an engaging blade roller guide member that specifies a vertical location of the engaging blade roller; and a load buffer mechanism that supports the engaging blade roller guide member elastically, thereby absorbing an excessive load applied to the engaging blade roller. The displacement transmission mechanism includes an elastic body that is extendable and retractable in a vertical direction.

No. of Pages: 54 No. of Claims: 8

(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR TESTING SEQUENTIAL OPERATION OF ELEVATORS

(51) International classification	:B66B :2012-	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(31) Priority Document No	039714	Address of Applicant :5-27, KITASHINAGAWA 6-CHOME,
(32) Priority Date	:27/02/2012	SHINAGAWA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TAKEDA YOSHIHIRO
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:

According to an embodiment, a sequential operation testing apparatus comprises a selection unit and a control unit. The selection unit stores identification information on the elevator controller selected as a test target for a sequential operation test in the emergency operation from among the plurality of elevator controllers installed in a building. The control unit generates a signal to effectively execute the sequential operation, and transmits the generated signal to the stored elevator controller as the test target, The control unit generates, once a command to perform the sequential operation test in the emergency operation is outputted, a sequential operation completion signal corresponding to the command outputted to the elevator controller to which the signal to effectively execute the sequential operation is not transmitted, and transmits the generated sequential operation completion signal to the elevator monitoring device.

No. of Pages: 37 No. of Claims: 10

(21) Application No.2567/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BRAKE OPERATION SENSING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date		(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant: 5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN
(33) Name of priority country (86) International Application No	:Japan :NA	(72)Name of Inventor : 1)OGAWA TETSU
Filing Date	:NA	1)OGAWA TEISU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a brake operation sensing device to be attached to an elevator winch, which is capable of increasing an amount of displacement of an actuator provided to a brake switch even in the case of a small gap between a brake shoe and a brake drum, and thereby eliminating a wrong operation of the brake switch. A brake operating state detection mechanism mechanically detects a brake operating state of the elevator. A brake operating state amplification mechanism mechanically amplifies the brake operating state detected by the brake operating state detection mechanism. Then, a brake switch mechanism converts the brake operating state mechanically amplified by the brake operating state amplification mechanism into an electric signal, and outputs the signal to a control panel or the like.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SMOKERTMS END CAP FOR CIGAR/CIGARILLO

(51) International classification	:A24B	(71)Name of Applicant :
(31) Priority Document No	:61/280,024	1)Pedro R. Maal
(32) Priority Date	:28/10/2009	Address of Applicant :Intermundo s.r.o. Machovsk; 1455/2
(33) Name of priority country	:U.S.A.	Horn Pocernice 193 00 Praha 9 Czechoslovakia Czech Republic
(86) International Application No	:PCT/US2010/054327	(72)Name of Inventor:
Filing Date	:27/10/2010	1)Pedro R. Maal
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cigar/cigarillo having a cigar cap a covering for the cigar butt smoking end that the human users mouth will contact when smoking. The cigar cap can be made from a tobacco leaf (Figs. 3-9 16-24) or other material(s) (Figs. 10-15 25-27). It can be shaped to the cigar butt or any other shape size or form and attached at any time after the outer wrapper leaf has been applied hygienically and physically protecting the cigar butt end namely the smokers smoking end. Ideally the cigar caps removal is unobstructed by the cigar ring. It can be attached to a band or otherwise applied to simplify its removal and its ideal length is between about 2.5-4 centimeters. A cigar cap can label the cigar and/or include marketing or advertising information etc. Also relatively non-removable cigar caps can be used to provide smokers an alternative flavor when smoking.

No. of Pages: 22 No. of Claims: 24

(22) Date of filing of Application :23/04/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: PRODUCTION OF THIN FILMS HAVING PHOTOVOLTAIC PROPERTIES AND CONTAINING A I-III-VI2-TYPE ALLOY COMPRISING SUCCESSIVE ELECTRODEPOSITS AND THERMAL POST-TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L :0956996 :07/10/2009 :France :PCT/FR2010/052105 :06/10/2010 : NA :NA	(71)Name of Applicant: 1)NEXCIS Address of Applicant:190 Avenue Celestin Coq F-13106 Rousset FRANCE (72)Name of Inventor: 1)GRAND Pierre-Philippe 2)JAIME Salvador 3)BROUSSILLOU Cedric
Number	•	3)BROUSSILLOU Cedric
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to the production of a thin film having photovoltaic properties containing a I-III-VI2-type alloy and deposited by electrolysis including the following steps: (a) successive deposits of layers of metallic elements I and III; and (b) thermal post-treatment with the addition of element VI. In particular step (a) comprises the following operations: (a1) depositing a multi-layer structure comprising at least two layers of element I and two layers of element III deposited in an alternate manner and (a2) annealing said structure before adding element VI in order to obtain a I-III alloy.

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

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELEVATOR GROUP MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:Japan :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KAUBUHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN (72)Name of Inventor: 1)KUNIKO NAKAMURA
Filing Date	:NA	

(57) Abstract:

According to one embodiment, an elevator group management system includes an authentication unit configured to authenticate the user based on the information of the security card that is read by the first reading unit, an assignment controller configured to assign an optimum car among the cars to the user, based on the destination floor of the user, when the user is determined as a valid user by the authentication unit, and a display controller configured to display the assigned car which is determined by the assignment controller on the display unit together with information for identifying the user.

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MONITORING SYSTEM AND OPERATING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G05B :100130785 :26/08/2011 :Taiwan :NA :NA :NA	· /
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A monitoring system includes a sensor unit, a controller unit, a user interface unit, and a server unit. The monitoring system, through connecting the sensor unit with the user interface unit, transmits a data message from the sensor unit to the user interface unit. The user interface unit computes and generates a controller 10 command message corresponding to the data message and a user setting. The controller unit receives the controller command signal through the server unit, wherein the server unit does not need to know the internet protocol addresses of the sensor unit, the user interface unit, and the controller unit ahead of time to be able to successfully transmit the data message and the controller command message.

No. of Pages: 37 No. of Claims: 21

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYNTHETIC MYOSTATIN PEPTIDE ANTAGONISTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K :61/247,821 :01/10/2009 :U.S.A. :PCT/NZ2010/000191 :29/09/2010 : NA :NA	 (72)Name of Inventor: 1)BOWER Robert Syndecombe 2)DE MOURA Monica Senna Salerno 3)NICHOLAS Gina Diane 4)THOMAS Mark Francis
(62) Divisional to Application Number Filing Date	:NA :NA	5)BERRY Carole Judith

(57) Abstract:

The present invention relates to novel synthetic myostatin antagonists comprising a synthetic mature myostatin peptide wherein the peptide comprises at least two cysteine residues at positions 281 and 282 which are forced to bond and form a disulfide bond or a functional variant or fragment thereof and are useful in the treatment of myostatin related disorders.

No. of Pages: 45 No. of Claims: 26

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELICITING IMMUNE RESPONSES USING RECOMBINANT MVA VIRUSES EXPRESSING HIV ENV GAG AND POL ANITGENS

(57) Abstract:

Methods for eliciting beneficial immune responses against HIV by administering to a subject a recombinant MVA virus expressing HIV env gag and pol antigens are described. The recombinant MVA is administered at least three times and in certain embodiments is administered to a patient that has not been treated with a DNA vaccine directed against HIV (i.e. has not been treated with a nucleic acid molecule encoding one or more HIV antigens). The methods can elicit production IgA antibodies directed against HIV in rectal secretions of a treated subject.

No. of Pages: 55 No. of Claims: 14

(21) Application No.3840/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ENDOSCOPE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B :10 2009 049 143.0 :12/10/2009 :Germany :PCT/DE2010/001189 :11/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)SOPRO-COMEG GMBH Address of Applicant: Dornierstrasse 55 78532 Tuttlingen GERMANY (72)Name of Inventor: 1)Eugen WEIMER 2)Hubert CZUJACK
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(57) Abstract:

The invention relates to a rigid rod-shaped endoscope having an outer casing tube (1 2 3) an inner fixed optical tube (15) and at least one movable sliding tube (12) arranged therebetween for medical applications comprising a distal end having a transparent distal window (4) and a light outlet lying adjacent thereto an optical deflecting prism (6) facing the distal window (4) a proximal end having an optical observation device (22) or a camera adapter an endoscope shank constructed from hollow tubes lying one inside the other wherein the two outer hollow tubes (1 3) form the casing tube having a window (4) at the distal end the optical tube (15) has the movable deflecting prism (6) at the distal window and an optical system (14) inside the optical tube for transmitting light beams at least one sliding tube (12)

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

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD OF MODIFYING THE SURFACE SHAPE OF A WIND TURBINE ROTOR BLADE AND TOOL FOR USE IN THIS METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F03B :EP11168880 :07/06/2011 :EPO :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 Munich GERMANY (72)Name of Inventor: 1)Stege Jason
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A method of modifying the surface shape of a wind turbine rotor blade (1) is provided in which a shape modifying element is cast on the surface (5) of the wind turbine rotor blade (1). A mould (3) that can be used in this method comprises an inner mould surface (7) the shape of which is defined according to the result of subtracting the unmodified surface shape of the wind turbine rotor blade (1) from the desired modified surface shape.

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

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TEMPORARY HOLDING STRUCTURE OF REAR COOLING UNIT

(51) International classification	:В60Н	(71)Name of Applicant:
(31) Priority Document No	:2011- 167849	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku
(32) Priority Date		Hamamatsu-shi Shizuoka-ken JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IKEDA Yusuke
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 temporary holding structure of a rear cooling unit includes engaging portions respectively provided on both lateral sides of the unit and paired side brackets including engaged portions and being respectively provided on a ceiling on both lateral sides. In this structure each engaged portion is in a hook shape having an opening toward the inside in the vehicle width direction the brackets are elastically deformed such that the openings move away from each other by pushing the unit upward to press the engaged portions upward with the engaging portions from the undersides thereof the brackets are elastically restored such that the distance between the openings returns to the original distance therebetween by further pushing the unit upward until the engaged portions pass over the engaging portions and the engaging portions come into engagement with the engaged portions by releasing a force to support the unit.

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

(19) INDIA

(21) Application No.2476/DEL/2012 A

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: THREE-PHASE. MOTOR STRUCTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02K :100220282 :28/10/2011 :Taiwan :NA	,
Filing Date	:NA	1)CHANG, NAI-HSIN
(87) 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 three-phase motor structure includes a sectional stator, a winding set, a circuit board and an inner rotor. The sectional stator includes a detachable pole set which has a plurality of pole teeth. Before assembled, the winding set is wound on the pole pins of the detachable pole set. The circuit board is mounted on the sectional stator and electrically connects with the winding set. The inner rotor extends through the sectional stator when assembled.

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

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FIELDBUS DEVICE CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02J :13/229213 :09/09/2011 :U.S.A. :NA :NA	,
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	: NA : NA :NA :NA :NA	2)MATZKO, GEORGE, ANDREW
Filing Date	:NA	

(57) Abstract:

A fieldbus system (10) is provided, having a plurality of fieldbus devices (20) and a controller (22). The controller (22) is in communication with the plurality of fieldbus devices (20) though a fieldbus (26). The controller (22) transmits a plurality of high priority Receive Process Data Objects (RPDOs) (42) and a plurality of low priority RPDOs (40) to the plurality of fieldbus devices (20) through the fieldbus (26). The controller (22) includes a control logic for sending each of the plurality of fieldbus devices (20) one of the plurality of high priority RPDOs (42) during a frame (44). The frame (44) is the fastest rate at which the high priority RPDOs (42) are transmitted. The controller (22) includes a control logic for sending at least one of the plurality of fieldbus devices (20) at least one of the plurality of low priority RPDOs (40). The low priority RPDOs (40) are grouped by a minimum wait time.

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

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A GAMING SYSTEM AND METHOD OF GAMING

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F 12/00 :2009904855 :02/10/2009 :Australia :PCT/AU2010/001279 :29/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)Stephen MACNISH Address of Applicant: 5 Zoe Street Bunbury Western Australia 6231 Australia. (72)Name of Inventor: 1)Stephen MACNISH
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(57) Abstract:

A gaming system is disclosed which comprises a selector (94) arranged to facilitate selection of a player set of characters (97) from a set of game characters (90). The gaming system is arranged to associate participants (91) in at least one event with respective game characters of the set of game characters (90). The gaming system further comprises a winning character determiner (98) arranged to determine a set of winning characters (100) from the game characters associated with the participants based on performance of the participants in the at least one event and an outcome determiner (101) arranged to determine whether a win condition exists by comparing the player characters (97) with the winning characters (100). A corresponding method is also disclosed.

No. of Pages: 60 No. of Claims: 83

(19) INDIA

(22) Date of filing of Application: 12/06/2012

(21) Application No.1812/DEL/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: A Wind Turbine Blade

(51) International classification(31) Priority Document No	:F03B :PA 2011 70309	(71)Name of Applicant: 1)Envision Energy (Denmark) ApS Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark
(32) Priority Date		(72)Name of Inventor:
(33) Name of priority country	:Denmark	1)Michael Friedrich
(86) International Application No	:NA	2)Peter Grabau
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 blade for a partial pitch wind turbine is described wherein the blade has a truncated aerodynamic profile provided at the pitch junction of the blade. The truncated trailing edge acts to prevent the formation of a trailing edge gap during pitching between the trailing edges of the inner and outer blade sections of a partial pitch blade thereby reducing the negative impact of air leakage etc. when pitching a partial pitch blade.

No. of Pages: 21 No. of Claims: 12

(21) Application No.1815/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROAD PAVER WITH LAYER THICKNESS MEASURING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01N :11004887.3 :15/06/2011 :Germany :NA :NA :NA	(71)Name of Applicant: 1)Joseph Vgele AG Address of Applicant: Joseph-Vgele-Str. 1 67067 Ludwigshafen/Rhein GERMANY (72)Name of Inventor: 1)Dennis HANFLAND 2)Ralf WEISER
_		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a road paver (20) with a movable screed (16) and with a layer thickness measuring device (1) which comprises at least two sensors. The sensors are formed to carry out a distance measurement to the plane (4) at intervals in order to determine a distance between the sensor and a point on the surface of the plane said point being registered by the sensor. One of the two sensors furthermore defines a coordinate system (6). According to the invention the layer thickness measuring device (1) is formed to add as vectors the distance to the plane (4) measured by the sensor that defines the coordinate system (6) and a movement relative to the plane (4) and resulting from the driving of the road paver (20)

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMAL MANAGEMENT SYSTEM FOR A MULTI-CELL ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01M :13/219,173 :26/08/2011 :U.S.A. :NA :NA : NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)BULL, ROGER NEIL 2)SUDWORTH, PAUL 3)TOWLE, STUART MARTIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A thermal management system for an energy storage system that controls the temperature of an array of electrochemical cells of the energy storage system. Fluid channels or pathways are provided around outer side regions of an array of electrochemical cells. Fluid flow is directed along one pathway to a next subsequent pathway, absorbing thermal energy generated by the array of electrochemical cells along the way. The fluid flow is eventually discharged from the energy storage system by the thermal management system, thereby removing thermal energy from the energy storage system.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EGR VENTURI DIESEL INJECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02M :13/219,302 :26/08/2011 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CONCENTRIC SKANES FAGERHULT AB Address of Applicant: ISAFJORDSGATAN 39B, SE-164 40 KISTA, SWEDEN (72)Name of Inventor: 1)HOLM, LARS THOMAS
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(57) Abstract:

An arrangement for mixing a first and a second gas flow, for example, an inlet flow with an exhaust gas return flow in a diesel engine. An air conduit has an inlet for the first flow and an inlet for the second flow, in order to achieve the mixing. A valve body is arranged to be displaced in the longitudinal direction of the air conduit at the inlet for the second flow in order to achieve a variable venturi effect and in this way a variable suction effect and mixture of the mixed flow. One or more fuel injectors inject fuel into the air conduit to pre-mix fuel with the first and second gas flows before reaching the engine cylinders for combustion.

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

(21) Application No.3933/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : NON-ORIENTED ELECTRICAL STEEL SHEET HAVING SUPERIOR MAGNETIC PROPERTIES AND A PRODUCTION METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C :10-2009-0131990 :28/12/2009 :Republic of Korea :PCT/KR2010/009380 :28/12/2010 : NA :NA :NA	(71)Name of Applicant: 1)POSCO Address of Applicant:#1 Goedong-dong Nam-gu Pohang-si Gyeongsangbuk-do 790-300 Republic of Korea (72)Name of Inventor: 1)KIM Jae-Hoon 2)KIM Jae-Kwan 3)KIM Yong-Soo 4)BONG Won-Seog
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(57) Abstract:

The present invention relates to a non-oriented electrical steel sheet. Provided are: a non-oriented electrical steel sheet having outstanding magnetic properties and comprising as percentages by weight from 1.0 to 3.0% of A1 from 0.5 to 2.5% of Si from 0.5 to 2.0% of Mn from 0.001 to 0.004% of N from 0.0005 to 0.004% of S and a balance of Fe and other unavoidably incorporated impurities wherein the A1 Mn N and S are included so as to satisfy the compositional formulae $\{[Al]+[Mn]\}$ %3.5 0.002% $\{[N]+[S]\}$ %0.006 300% $\{([Al]+[Mn])/([N]+[S])\}$ %1 400; and a production method therefor.

No. of Pages: 69 No. of Claims: 41

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: Charging Systems For Use With Electric Vehicles And Methods Of Monitoring Same

(51) International classification(31) Priority Document No(32) Priority Date	:B60S :13/097,902 :29/04/2012	'
(33) Name of priority country	:Not Selected	12345 U.S.A. (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)REE Bradley Richard 2)BOOT John Christopher
(87) International Publication No	: NA	3)ALEXANDER George William
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
()		

(57) Abstract:

A system for monitoring operation of an electric vehicle charging station is provided. The system includes a battery charger configured to couple to a device for supplying current to the device a current sensor coupled to the battery charger for measuring current supplied from the battery charger to the device the current sensor configured to generate a measured current profile based on the measured current supplied to the device and a processor coupled to the current sensor. The processor is configured to receive the measured current profile transmitted from the current sensor and compare the measured current profile to at least one known current profile to monitor operation of the charging station.

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

(21) Application No.1519/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : EDIBLE JELLY-FORM COMPOSITION JELLY-FORM PREPARATION AND METHOD FOR PRODUCING JELLY-FORM PREPARATION

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:2011- 114044	1)NITTO DENKO CORPORATION Address of Applicant :1-2 Shimohozumi 1-chome Ibaraki-
(32) Priority Date	:20/02/2011	shi OSAKA 567-8680 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Daisuke Asari
Filing Date	:NA	2)Takuya Shishido
(87) International Publication No	: NA	3)Mitsuhiko Hori
(61) Patent of Addition to Application Number	:NA	4)Kyohei Matsushita
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/ = - \		

(57) Abstract:

The present invention aims to provide a jelly (as a result easy-to-swallow) intraorally soluble edible jelly composition although it is preferably free of water. The present invention relates to an edible jelly composition including: a gelling agent; and a nonvolatile organic solvent compatible with the gelling agent.

No. of Pages: 115 No. of Claims: 20

(22) Date of filing of Application :05/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE AND METHODS FOR MANUFACTURING A HOLLOW GLASS ARTICLE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:A47J :11 54891 :06/06/2011 :France :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)POCHET DU COURVAL Address of Applicant: 121 Quai de Valmy -75010 PARIS France (72)Name of Inventor: 1)FROISSART Pascal 2)BALITEAU Sbastien
(62) Divisional to Application Number :		

(57) Abstract:

The manufacturing device comprises at least one mold (9) and a punch (20) displaceable between a passive position outside said at least one mold (9) and an active position inside said at least one mold (9). The punch (20) includes at least one marking portion (25) provided with at least one raised and/or recessed pattern (26) and radially displaceable by actuation means (30) into the active position of the punch (20) between a retracted position and a protruding position applied against the internal face (8) of the side wall (6) for imprinting on this internal face (8) said at least one raised and/or recessed pattern.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR INTEGRATING ENGINE CONTROL AND FLIGHT CONTROL SYSTEM

Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) Patent of Addition to Application Number (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87) International	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)MATHEWS, JR., HARRY KIRK 2)ADIBHATLA, SRIDHAR
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(57) Abstract:

A method (200, 300) and system (100) of operating an aircraft system (100) are provided. The aircraft system includes an integrated aircraft flight control system (100) that includes an engine control system (102) configured to generate engine performance and health information. The integrated aircraft flight control system also includes a flight control system (120) configured to generate flight information and trajectory intent information. The integrated aircraft flight control system further includes a communications channel (122) communicatively coupled between the engine control system and the flight control system, where the engine control system is configured to transmit the generated engine performance and health information to the flight control system using the communications channel and the flight control system is configured to transmit the generated flight information and trajectory intent information to the engine control system using the communications channel.

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

(21) Application No.4152/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL MEK INHIBITORS USEFUL IN THE TREATMENT OF DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K :61/250,936 :13/10/2009 :U.S.A. :PCT/US2010/052514 :13/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)ALLOSTEM THERAPEUTICS LLC Address of Applicant: 411 Ridge Road Orange Connecticut 06477 UNITED STATES OF AMERICA (72)Name of Inventor: 1)Uday R. KHIRE 2)Mahendra Devichand CHORDIA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention pertains to compound of Formula (I) wherein X Y Z R1 R2 R3 R4 A and A are as described hereinabove. Formula (I) and (II) compounds can be used in pharmaceutical compositions useful for the treatment of diseases.

No. of Pages: 90 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EXCHANGEABLE LENS AND CAMERA SYSTEM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:2011- 178967	1)NIKON CORPORATION Address of Applicant: 12-1 Yurakucho 1-chome Chiyoda-ku
(32) Priority Date	:18/08/2011	Tokyo 100-8331 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MAKIGAKI Taro
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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(21) Application No.2551/DEL/2012 A

(57) Abstract:

An exchangeable lens detachably mounted at a camera body includes: an optical characteristics storage unit; an optical characteristics information generation unit; and an optical characteristics transmission unit. Peripheral shading information for only some image heights is stored as the information pertaining to the peripheral shading characteristics of the exchangeable lens into the optical characteristics storage unit but peripheral shading information for at least one image height position among five image height positions equivalent to integral multiples of y1 which represents an image height equal to 1/6 of an image height measured from a center of a substantially rectangular image capturing range to one of four corners of the image capturing range obtained by multiplying y1 by integers in a range of 2 through 6 is not stored in the optical characteristics storage unit.

No. of Pages: 96 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYPEPTIDE CONJUGATE

(51) International classification	·A61K	(71)Name of Applicant :
` /		
(31) Priority Document No	:61/263,752	1)AMYLIN PHARMACEUTICALS, LLC
(32) Priority Date	:23/11/2009	Address of Applicant : Attention: Intellectual Property Group
(33) Name of priority country	:U.S.A.	9360 Towne Centre Drive San Diego CA 92121 UNITED
(86) International Application No	:PCT/US2010/057890	STATES OF AMERICA
Filing Date	:23/11/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)FOROOD Behrouz Bruce
(61) Patent of Addition to Application	:NA	2)GHOSH Soumitra S.
Number	*	3)TREVASKIS James L.
Filing Date	:NA	4)SUN Chengzao
(62) Divisional to Application Number	:NA	1)2011 Onvingano
	:NA	
Filing Date	.1 N /A	

(21) Application No.4359/DELNP/2012 A

(57) Abstract:

The disclosure provides Polypeptide Conjugates with multiple improved pharmacological and pharmacokinetic properties and their use in treating various diseases and conditions such as diabetes and/or obesity.

No. of Pages: 95 No. of Claims: 79

(21) Application No.4360/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR TREATING ANDROGEN RECEPTOR POSITIVE CANCERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K :61/254,395 :23/10/2009 :U.S.A. :PCT/US2010/053916 :25/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)HEALTH RESEARCH INC. Address of Applicant :Elm And Carlton Streets Buffalo NY 14263 UNITED STATES OF AMERICA 2)Panacela Labs Inc. (72)Name of Inventor: 1)Katerina GUROVA 2)Natalia NARIZHEVA
Filing Date	:NA	

(57) Abstract:

Provided is a method of inhibiting growth of androgen receptor positive cancer cells. The method entails administering to an individual diagnosed with or suspected of having an androgen receptor positive cancer and administering to the individual a composition containing a compound that can inhibit the growth of the androgen receptor positive cancer.

No. of Pages: 60 No. of Claims: 13

(21) Application No.4361/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PEPTIDES USED IN THE TREATMENT AND/OR CARE OF THE SKIN MUCOUS MEMBRANES AND/OR HAIR AND ITS USE IN COSMETIC OR PHARMACEUTICAL COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61K :200930896 :23/10/2009 :Spain :PCT/EP2010/006454	,
Filing Date	:22/10/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)Cristina CARRE'O SERRA MA
(61) Patent of Addition to Application Number	:NA :NA	2)Wim VAN DEN NEST 3)Ana SEMPERE BONETE
Filing Date (62) Divisional to Application Number	:NA	4)Antonio FERRER MONTIEL 5)Nuria ALMI'ANA DOMENECH
Filing Date	:NA	6)Juan CEBRIN PUCHE

(57) Abstract:

Peptides of general formula (I): R1 Wn-Xm-AA1 AA2 AA3 AA4-Yp-Zq-R2 (I) its stereoisomers mixtures thereof and/or their cosmetically or pharmaceutically acceptable salts a preparation process cosmetic or pharmaceutical compositions which contain them and their use in the treatment and/or care of the skin mucous membranes and/or hair and the treatment and/or care of those conditions disorders and/or diseases which are improved or prevented by Hsp stimulation.

No. of Pages: 58 No. of Claims: 44

(21) Application No.4362/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSFER DEVICE FOR TRANSFERRING A FOLDING BOX

(51) International classification	:B31B	(71)Name of Applicant:
(31) Priority Document No	:10 2009 050 092.8	1)IWK VERPACKUNGSTECHNIK
(32) Priority Date	:20/10/2009	Address of Applicant :Eberhardstr. 10 76646 Bruchsal
(33) Name of priority country	:Germany	Deutschland Germany
(86) International Application No	:PCT/EP2010/006316	(72)Name of Inventor:
Filing Date	:15/10/2010	1)SPECK Markus
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A transfer device for transferring a flat folding box to a succeeding conveyor device with simultaneous erection has a rotarily driven support part which is pivotable about an axis of rotation and at least one further rotarily driven support part which rotates coaxially to the support part about the axis of rotation. The folding boxes are received in a receiving station by the retaining device and are conveyed on a curved track to a transfer station and therefore transferred to a succeeding conveyor device. Here the support parts perform a rotary movement at a speed that varies during one revolution and with an opposing relative rotation. Each support part supports a plurality of retaining devices arranged equally distributed along the circumference wherein the retaining devices of the support parts are preferably arranged alternately and consecutively in the circumferential direction.

No. of Pages: 29 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :18/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ABSORBENT ARTICLE

(51) International classification :D06N1/00 (71)Name of Applicant: (31) Priority Document No 1)LIVEDO CORPORATION :2009-298704 (32) Priority Date Address of Applicant: 45-2 Handaotsu Kanadacho :28/12/2009 (33) Name of priority country Shikokuchuo-shi Ehime 7990122 Japan :Japan (86) International Application No :PCT/JP2010/006467 (72)**Name of Inventor :** 1)URUSHIHARA Makiko Filing Date :02/11/2010 (87) International Publication No : NA (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.4400/DELNP/2012 A

(57) Abstract:

An absorbent article comprising a top sheet a back sheet and an absorbent laminate disposed between the top sheet and the back sheet wherein: the absorbent laminate comprises an upper sheet-shaped absorbent layer a fiber assembly layer and a lower sheet-shaped absorbent layer provided in this order from the top sheet side; the fiber assembly layer contains pulp fibers; and each of the upper sheet-shaped absorbent layer and the lower sheet-shaped absorbent layer contains an absorbent polymer but does not contain a pulp fiber between nonwoven fabric sheets.

No. of Pages: 33 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application: 18/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ABSORBENT ARTICLE

(51) International classification :D06N1/00 (71)Name of Applicant: (31) Priority Document No 1)LIVEDO CORPORATION :2009-298705 (32) Priority Date Address of Applicant: 45-2 Handaotsu Kanadacho :28/12/2009 (33) Name of priority country Shikokuchuo-shi Ehime 7990122 Japan :Japan (86) International Application No :PCT/JP2010/006468 (72)**Name of Inventor :** 1)URUSHIHARA Makiko Filing Date :02/11/2010 (87) International Publication No : NA (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.4401/DELNP/2012 A

(57) Abstract:

An absorbent article comprising a top sheet a back sheet and an absorbent laminate disposed between the top sheet and the back sheet wherein: the absorbent laminate comprises a first absorbent layer and a second absorbent layer provided in this order from the top sheet side and having a longitudinal direction and a width direction; the second absorbent layer contains an absorbent polymer and/or pulp fibers; the first absorbent layer contains an absorbent polymer but does not contain a pulp fiber between nonwoven fabric sheets; and the second absorbent layer extends outward in the longitudinal direction beyond the first absorbent layer.

No. of Pages: 37 No. of Claims: 10

(21) Application No.4402/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ABSORBENT ARTICLE AND ABSORBENT ARTICLE PACKAGING

(51) International classification	:D06N1/00	(71)Name of Applicant:
(31) Priority Document No	:2009-298706	1)LIVEDO CORPORATION
(32) Priority Date	:28/12/2009	Address of Applicant :45-2 Handaotsu Kanadacho
(33) Name of priority country	:Japan	Shikokuchuo-shi Ehime 7990122 Japan
(86) International Application No	:PCT/JP2010/006469	(72)Name of Inventor:
Filing Date	:02/11/2010	1)URUSHIHARA Makiko
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An absorbent article comprising an absorbent body including a top sheet a back sheet and an absorbent laminate disposed between the top sheet and the back sheet wherein: the absorbent body has a longitudinal direction and a width direction; the absorbent laminate comprises a fiber assembly layer containing pulp fibers and a sheet-shaped absorbent layer containing an absorbent polymer but not containing a pulp fiber between nonwoven fabric sheets; the absorbent article is folded at a fold line extending in the width direction; and the fiber assembly layer has an opening on the fold line.

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

(21) Application No.4403/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF HIGHLY POLYMERIZED AROMATIC POLYCARBONATE RESIN

(57) Abstract:

Disclosed is an improved method for highly polymerizing an aromatic polycarbonate resin which enables the increase in molecular weight of the aromatic polycarbonate resin satisfactorily while keeping good quality of the resin. Specifically an aromatic polycarbonate is linked to an aliphatic diol compound having a boiling point of 240°C or higher (preferably in an amount of 0.01 to 1.0 mole per mole of the total amount of the terminal of the aromatic polycarbonate) through a transesterification reaction in the presence of a transesterification catalyst under reduced pressure conditions (preferably at a reduced pressure ranging from 13 kPaA (100 torr) to 0.01 kPaA (0.01 torr)) thereby increasing the molecular weight of the resulting molecule. In this manner the weight average molecular weight (Mw) of the aromatic polycarbonate after the transesterification reaction can be increased preferably by 5 000 or more compared to that of the aromatic polycarbonate before the transesterification reaction.

No. of Pages: 58 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :19/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PAINTABLE ELASTOMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C08F :09306011.9 :26/10/2009 :EPO :PCT/EP2010/066088 :25/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)DOW CORNING CORPORATION Address of Applicant: 2200 West Salzburg Road PO Box 994 Midland Michigan 48611 UNITED STATES OF AMERICA (72)Name of Inventor: 1)DETEMMERMAN Tommy 2)GUBBELS Frederic 3)LOBRY Stephanie
- 14 0-	:NA :NA :NA	

(21) Application No.4404/DELNP/2012 A

(57) Abstract:

This invention relates to the provision of a room temperature vulcanisable (RTV) elastomeric composition which contains one or more silicone based polymers and which is paintable with a variety of paints. The application also relates to a method for producing a painted surface on an elastomer obtained from said composition. The curable composition capable of cure to an elastomeric body comprises a diluted polymer comprising a high molecular weight organopolysiloxane polymer having an organopolysiloxane chain having a number average molecular weight (Mn) of at least 100 000 and terminal groups selected from either silanol and/or other hydrolysable groups; or unsaturated groups; and one or more an organic plasticiser(s) and/or one or more organic extender(s) or a mixture thereof (component (a).

No. of Pages: 46 No. of Claims: 22

(21) Application No.2656/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELEVATOR DEVICE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of Inventor: 1)MEZAKI YUYA 1)MEZAKI YUYA 1)MEZAKI YUYA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:Japan :NA :NA : NA : NA :NA :NA	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN (72)Name of Inventor: 1)MEZAKI YUYA
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(57) Abstract:

An elevator includes: a traction machine supporting beam, on an upper surface of which a rope traction machine is installed, which is bridged at a top of an elevator shaft; and first and second deflector shaves that are supported on a lower surface of the traction machine supporting beam and leads a rope suspending a car to a traction sheave of the traction machine, in which the traction machine is installed so that a roughly rectangular installation surface thereof is positioned along a longitudinal direction of the traction machine supporting beam, and the first and second deflector shaves are supported on the lower surface of the traction machine supporting beam at respective positions corresponding to first and second fixing bases provided along the longitudinal direction of the traction machine supporting beam.

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

(21) Application No.2657/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPINNING MACHINE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Signature (83) Name of priority country Signature	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN (72)Name of Inventor: 1)UEDA KENICHI 2)TSUJI HIROSHI
Filing Date :NA	

(57) Abstract:

A spinning machine (1) includes a yarn supplying device, a yarn slack eliminating device (11), a winding device (12), a yarn joining device (20), a first guiding device (18) that catches the yarn end (10a) and guides the yarn end (10a) to the yarn joining device (20), a second guiding device (19) that catches the yarn end (10b) and guides the yarn end (10b) to the yarn joining device (20), and a waste collecting section (30) that accommodates fibers generated by the yarn joining operation. The waste collecting section (30) accommodates the fibers during a suction operation of the yarn end and discharges the fibers while the suction operation is stopped.

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

(19) INDIA

(22) Date of filing of Application :21/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FUEL CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN Address of Applicant: Research and Innovation University Office Kings College Aberdeen Aberdeenshire AB24 3FX Great Britain U.K. (72)Name of Inventor: 1)KRUTH Angela 2)TODD Malcolm John 3)MACPHEE Donald Elliot 4)WELLS Richard Peter Kerwin
(62) Divisional to Application Number Filing Date	:NA :NA	4)WELLS Richard Peter Kerwin

(21) Application No.4472/DELNP/2012 A

(57) Abstract:

An anode assembly for a fuel cell the anode assembly having an anode catalyst component said anode catalyst component comprising both a noble metal catalyst and a photo-catalyst and said photo-catalyst being provided for enhancing contaminant carbon monoxide oxidation upon irradiation by incident radiation; the anode assembly further comprising a current collecting means (28) electrically coupled to the anode catalyst component and being porous to said incident radiation and fuel for the fuel cell; and a flow plate (30) incorporating a light source (34) for providing incident radiation.

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

(19) INDIA

(22) Date of filing of Application :21/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PARALLELIZED PROGRAM CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F :10 2009 047 024.7 :23/11/2009 :Germany :PCT/EP2010/066172 :26/10/2010 : NA :NA	(71)Name of Applicant: 1)BECKHOFF AUTOMATION GMBH Address of Applicant: Eiserstrasse 5 33415 Verl GERMANY (72)Name of Inventor: 1)BARTH Ramon
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4473/DELNP/2012 A

(57) Abstract:

The invention relates to a control method for carrying out programs on a plurality of processing units operating in parallel wherein a time signal generator is assigned to each processing unit the control method being carried out on the processing unit assigned thereto upon expiry of the time signal generator and comprising the following steps: selecting a program which is available to be executed on the processing unit setting the executed time signal generator to a specified duration and starting the selected program on the processing unit.

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

(22) Date of filing of Application :21/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND DEVICE FOR TREATING WASTES BY MEANS OF INJECTION INTO AN IMMERSED PLASMA

(57) Abstract:

The present invention relates to a method for treating a liquid solution S1 comprising a step of injecting said liquid solution S1 into a plasma immersed in a second liquid solution S2 separate from said liquid solution S1. It also relates to a device capable of being applied in the context of such a method.

No. of Pages: 32 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :24/08/2012

(21) Application No.2629/DEL/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: TRACTOR UNIT AND PRINTER

(51) International classification	:B65H	(71)Name of Applicant:
	:2011-	1)SEIKO EPSON CORPORATION
(31) Priority Document No	216721	Address of Applicant :4-1, NISHISHINJUKU 2 - CHOME,
(32) Priority Date	:30/08/2011	SHINJUKU-KU, TOKYO 163 - 0811, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MAEDA, HIROYUKI
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 printer has a tractor unit with a simple configuration that can prevent the feed holes in continuous paper from disengaging the engagement pins of the tractor unit during conveyance. The tractor unit of the printer has a pair of tractors that hold the continuous paper with tractor pins (engagement pins) engaged in sprocket holes (feed holes), a drive shaft and a support shaft that support the pair of tractors, and a frame that supports the drive shaft and support shaft. The first tractor is fixed in position to the support shaft after engaging and holding one side of the continuous paper, but the support shaft is supported on the frame movably widthwise to the printer. If the continuous paper becomes skewed, the first tractor moves with the support shaft widthwise to the printer following the skew, and the sprocket holes therefore, do not disengage the tractor pins.

No. of Pages: 34 No. of Claims: 8

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : INCREMENTAL MAP GENERATION REFINEMENT AND EXTENSION WITH GPS TRACES

:G06F	(71)Name of Applicant:
:NA	1)TOMTOM GERMANY GMBH & CO. KG
:NA	Address of Applicant : Am Neuen Horizont 1 D-31177
:NA	Harsum Germany
:PCT/EP2009/063938	(72)Name of Inventor:
:22/10/2009	1)MUND Heiko
: NA	
:NA :NA	
:NA	
:NA	
	:NA :NA :PCT/EP2009/063938 :22/10/2009 : NA :NA :NA :NA

(57) Abstract:

A method for improving and extending an existing road network and generating new networks from statistically relevant amounts of probe data recorded by GPS-enabled navigation devices. New probe data is matched to the existing digital vector map then the data merged into the existing network using a weighted mean technique. When new roads are detected appropriate junction points are made with the existing network elements. The updated network data is simplified to improve computing speed and reduce data storage requirements.

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

(22) Date of filing of Application :22/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PRODUCTION PROCESS FOR AMINO ACIDS OF THE ASPARTATE FAMILY USING MICROORGANISMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:15/06/2010 : NA :NA	(71)Name of Applicant: 1)PAIK KWANG INDUSTRIAL CO. LTD. Address of Applicant: 31 Soryong-dong Gunsan-si Chollabuk-do 573-879 Republic of Korea (72)Name of Inventor: 1)WITTMANN Christoph 2)BECKER Judith
(61) Patent of Addition to Application		2)BECKER Judith
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is directed to a method utilizing a recombinant microorganism for the production of aspartate derived amino acids and precursors therof in particular for the production of L-lysine. Furthermore the present invention relates to a recombinant microorganism having improved aspartate-derived amino acid synthesis activity in comparison to the initial microorganism and the use of such microorganisms in producing said amino acids and precursors and derivatives in particular in the synthesis of L-lysine.

No. of Pages: 162 No. of Claims: 15

(22) Date of filing of Application :22/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A SPEECH VALVE A TOOL FOR FACILITATING INSERTION OF A SPEECH VALVE AND A TOOL FOR HOLDING A SPEECH VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B60G :0918995.2 :29/10/2009 :U.K. :PCT/EP2010/065951 :22/10/2010 : NA	(71)Name of Applicant: 1)THE UNIVERSITY OF HULL Address of Applicant: Cottingham Road Hull HU6 7RX UNITED KINGDOM (72)Name of Inventor: 1)Michael FAGAN 2)Jean Marie Steeve LAMVOHEE 3)Catherine DORSON
(61) Patent of Addition to Application Number	: NA :NA :NA	2)Jean Marie Steeve LAMVOHEE 3)Catherine DOBSON
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tool (106) for facilitating insertion of a speech valve (10) with a flexible retention flange (56) into a fistula between the trachea and the oesophagus of a human patient having a wall (108) curved to define a passage (116) having opposed open first and second passage ends and an axis extending therebetween said wall (108) having an external surface (118) insertable into a fistula between the said trachea and oesophagus and defining a slot (110) which extends from the passage (116) to the external surface (118) of the wall (108) said slot (110) having an opening at the first passage end extending from the first passage end to at least a part of the way to the second passage end and at least a portion of the said slot (110) progresses angularly around the said axis as it progresses from the first passage end towards the second passage end.

No. of Pages: 47 No. of Claims: 34

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: method and device for separation of recoverable material from products containing mercury

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:19/10/2010 : NA	(71)Name of Applicant: 1)MIDAS INVESTMENTS LIMITED Address of Applicant: Unit 1701 Tai Yau Building 181 Johnston Road Wan Chai Hongkong(China) (72)Name of Inventor: 1)Per Christoffersson
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Filing Date	:19/10/2010	1)Per Christoffersson
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4		·

(57) Abstract:

Method of separating recoverable material from products containing mercury. The method comprises crushing products to form crushed material mixing crushed material with a liquid which comprises an oxidizing agent which has been chosen from a group which comprises sodium hypochlorite hydrogen peroxide and chlorates oxidizing at least a portion of metallic mercury comprised in the products for forming mercury oxide under influence of said oxidizing agent and separating a sludge which sludge comprises formed mercury oxide from at least a portion of said liquid.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RAPID-RELEASE BELT SPLICER AND METHOD OF OPERATION

(51) International classification	:B23F	(71)Name of Applicant :
(31) Priority Document No	:12/580,351	1)LAITRAM L.L.C.
(32) Priority Date	:16/10/2009	Address of Applicant :Legal Department 200 Laitram Lane
(33) Name of priority country	:U.S.A.	Harahan Louisiana 70123 U.S.A.
(86) International Application No	:PCT/US2010/052033	(72)Name of Inventor:
Filing Date	:08/10/2010	1)Robert G. GUTTENBERG
(87) 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 splicer for butt-welding conveyor belts and methods for its operation. The belt splicer has clamp jaws (12 13) that close to contact the butt edges of two belt sections (26 27) against opposite ends of a heating wand (60) and to hold the two melted butt edges together as they weld to each other. A toggle linkage assembly (36) locks the clamped jaws closed and stores energy in a spring mechanism (56 57). The toggle linkage assembly allows the rapid release of the spring energy to accelerate the clamp jaws open to pull the melted butt ends rapidly away from the sides of the wand to avoid sticking. In another version an air cylinder is used instead of the toggle linkage assembly and spring mechanism to close and rapidly open the splicer.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR WATER DISTILLATION

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:61/252,017	1)KII INC.
(32) Priority Date	:15/10/2009	Address of Applicant:111 South Seventh Street Richmond
(33) Name of priority country	:U.S.A.	IN 47374 U.S.A.
(86) International Application No	:PCT/US2010/052801	(72)Name of Inventor:
Filing Date	:15/10/2010	1)Hillery Thomas KEMP
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure is generally directed to solar distillation methods and systems for recovering potable water from non-potable water. In certain embodiments a process for water distillation includes a cycled arrangement alternating between a day cycle and a night cycle to enhance the yield of potable water. Additionally in certain embodiments the system includes a solar still having a design and orientation to maximize solar energy capture.

No. of Pages: 42 No. of Claims: 20

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ALLERGY TREATMENT USING ACID TREATED AQUEOUS WHEY PROTEIN EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12N :2009905062 :16/10/2009 :Australia :PCT/AU2010/001355 :14/10/2010 : NA :NA	(71)Name of Applicant: 1)DAIRY AUSTRALIA LIMITED Address of Applicant: Level 5 IBM Tower 60 City Road Southbank Victoria 3006 Australia. 2)WOMEN™S AND CHILDREN™S HEALTH RESEARCH INSTITUTE (72)Name of Inventor: 1)Irmeli Auli PENTTILA 2)Ian Robert MITCHELL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to manufacture of whey protein extracts to infant formula and to reducing or preventing food allergy. The whey protein extract is produced from a whey protein-containing composition by contacting a whey protein-containing composition with an aqueous solution to form a sample including a soluble protein-containing component and an insoluble component; recovering the soluble protein-containing component from the sample; and acidifying the soluble protein-containing component thereby producing the whey protein extract. Extracts produced by the method of the invention may be used in infant formula as a dietary supplement or foodstuff.

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

(21) Application No.4528/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DRUG COMBINATION WITH THEOBROMINE AND ITS USE IN THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/11/2010 : NA	(71)Name of Applicant: 1)BIOCOPEA LIMITED Address of Applicant: 100 Fetter Lane London Greater London EC4A 1BN UNITED KINGDOM (72)Name of Inventor: 1)BREW John 2)BANNISTER Robin Mark
(87) International Publication No	: NA :NA	· · · · · · · · · · · · · · · · · · ·
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An agent comprises theobromine and an opiate for simultaneous sequential or separate use in therapy. Preferably the therapy is of cough.

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

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOY PROTEIN-BASED NUTRITIONAL FORMULA WITH SUPERIOR STABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L :61/265,524 :01/12/2009 :U.S.A. :PCT/US2010/057549 :22/11/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant: Dept 377/AP6P-1 100 Abbott Park Road Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor: 1)ALBRECHT Daniel S 2)LASEKAN John B
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(57) Abstract:

The present disclosure relates to soy protein-based powdered nutritional formulas such as infant or toddler formulas that contain lutein and fructooligosaccharide (FOS). The FOS stabilizes lutein present in the formula resulting in less lutein degradation over the shelf-life of the formula. When fed to infants the nutritional formulas provide an infant stool pattern frequency and color more closely resembling that of breastfed infants.

No. of Pages: 36 No. of Claims: 24

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : FUEL GAS PRESSURE CONTROL SYSTEM AND METHOD FOR REDUCING GAS TURBINE FUEL SUPPLY PRESSURE REQUIREMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F23R :13/229,202 :09/09/2011 :U.S.A. :NA :NA	·
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

A method is provided for modifying a fuel control system for a gas turbine having a standard unloading sequence and a pre-defined minimum inlet pressure requirement associated with the standard unloading sequence to allow the gas turbine to operate over an increased range of fuel supply pressure. The method includes modifying the fuel control system by inputting a modified unloading sequence onto a computing system operatively associated with the fuel control system, the modified unloading sequence comprising a series of operating modes, mode transfers, or a combination thereof that is different than the standard unloading sequence; and modifying the fuel control system by inputting a new defined minimum inlet pressure requirement for the modified unloading sequence onto the computing system, the new defined minimum inlet pressure requirement being less than the pre-defined minimum inlet pressure requirement thereby reducing a fuel supply pressure trip point for the gas turbine.

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

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR EXTRACTING ELECTRICAL POWER FROM A GAS TURBINE ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01D :13/227597 :08/09/2011 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)TANEJA, DINESH NATH
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(57) Abstract:

A method and apparatus for powering an aircraft by extracting power from both the high pressure and low pressure spools (26, 28) of a gas turbine engine. DC power (48) can be generated using the high pressure spool (26) and AC power (56) can be generated using the low pressure spool (28).

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

(21) Application No.4104/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : CULTURE METHOD FOR AMPLIFYING LARGE NUMBERS OF HAIR FOLLICLE STEM CELLS IN VITRO

(32) Priority Date :22/07 (33) Name of priority country :China	10238350.3 7/2010 Address of Applicant :No.2699 Qianjin Avenue Changchun City Jilin Province 130012 China CN2011/001185 (72)Name of Inventor :
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(57) Abstract:

The present invention is a method belonging to the field of cell culture for amplifying a large numbers of hair follicle stem cells in vitro by useing microspheres as carriers for cell culture and a revolving bottle as a fermentation tank for cell proliferation. The method is simple in its procedures is economical and practical and avoids side effects associated with the traditional cell amplification method such as the weakening of cell proliferation capability the reduction of differentiation potential and the like caused by repeated cell subculture and also reduces the consumption of the culture solution; the hair follicle stem cells amplified by the method can still keep the original proliferation capability and differentiation potential and can be used for: (1) establishing hair follicle stem cell bank to provide high-quality seed cells for related research on adult stem cells;

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

(21) Application No.4626/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR FABRICATION OF AN ARRAY OF CHIP-SIZED PHOTOVOLTAIC CELLS FOR A MONOLITHIC LOW CONCENTRATION PHOTOVOLTAIC PANEL BASED ON CROSSED COMPOUND PARABOLIC CONCENTRATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N :61/254,891 :26/10/2010 :U.S.A. :PCT/IL2010/000870 :21/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)IMPEL MICROCHIP LTD. Address of Applicant: 43 Mavo HaHoresh Street 90836 Har- Adar Israel (72)Name of Inventor: 1)HAVIV Zohar 2)DE-LA-VEGA Mauricio
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(57) Abstract:

Method for determining the dimensions of a plurality of chip-size photovoltaic cells(PVCs) diced out of a photovoltaic wafer including the procedures of determining the field of view (FOV) angle of a plurality of crossed compound parabolic concentrators(CCPCs) of an optical layer determining the index of refraction of the optical layer determining the dimensions of the optical entry aperture and exit aperture of the CCPCs and the distance separating the optical entry apertures of adjacent ones of the CCPCs determining a dicing width for dicing the photovoltaic wafer into the plurality of chip-size PVCs and determining the dimensions of the plurality of chip-size PVCs according to the dimensions of the optical entry aperture of the plurality of CCPCs the distance separating the optical entry apertures of adjacent ones of the CCPCs the index of refraction of the optical layer the FOV angle of the plurality of CCPCs and the dicing width.

No. of Pages: 51 No. of Claims: 15

(21) Application No.4405/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ORGANOSILOXANE COMPOSITIONS

(51) International classification	:C08F	(71)Name of Applicant:
(31) Priority Document No	:09306009.3	1)DOW CORNING CORPORATION
(32) Priority Date	:26/10/2009	Address of Applicant :2200 West Salzburg Road PO Box 994
(33) Name of priority country	:EPO	Midland MI 48611 UNITED STATES OF AMERICA
(86) International Application No	:PCT/EP2010/065940	(72)Name of Inventor:
Filing Date	:22/10/2010	1)GUBBELS Frederic
(87) International Publication No	: NA	2)LOBRY Stephanie
(61) Patent of Addition to Application	:NA	3)PARISOT Loriane
Number	:NA	4)VAN STIPHOUDT Anne-Marie
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to the use of silyl terminated organic polymers in phenylorganosiloxane based silicone sealant formulations containing silyl terminated organic polymers are described. Subsequent to cure the compositions provide sealants exhibiting superior mechanical properties particularly with respect to elongation tensile strength and adhesion on glass. The composition comprises a phenylorganosiloxane having terminal groups selected from OH or hydrolysable groups and unsaturated groups. Typically the phenylorganosiloxane has a viscosity of at least 10000 mPa.s at 25oC.

No. of Pages: 32 No. of Claims: 17

(22) Date of filing of Application :01/08/2012 (43)

(43) Publication Date: 14/02/2014

(54) Title of the invention: WATER-FORMING HYDROGENATION REACTIONS UTILIZING ENHANCED CATALYST SUPPORTS AND METHODS OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01J 23/00 :61/300,248 :01/02/2010 :U.S.A. :PCT/US2011/023032 :28/01/2011 : NA :NA	(71)Name of Applicant: 1)CONOCOPHILLIPS COMPANY Address of Applicant: 600 N. Dairy Ashford IP Services Group Attn: Docketing Bldg. MA-1135 Houston Texas 77079 U.S.A. (72)Name of Inventor: 1)JOE D. ALLISON 2)BYRON G. JOHNSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Improved reaction efficiencies are achieved by the incorporation of enhanced hydrothermally stable catalyst supports in various water-forming hydrogenation reactions or reactions having water-containing feeds. Examples of water-forming hydrogenation reactions that may incorporate the enhanced hydrothermally stable catalyst supports include alcohol synthesis reactions, dehydration reactions, hydrodeoxygenation reactions, methanation reactions, catalytic combustion reaction, hydrocondensation reactions, and sulfur dioxide hydrogenation reactions. Advantages of the methods disclosed herein include an improved resistance of the catalyst support to water poisoning and a consequent lower rate of catalyst attrition and deactivation due to hydrothermal instability. Accordingly, higher efficiencies and yields may be achieved by extension of the enhanced catalyst supports to one or more of the aforementioned reactions.

No. of Pages: 64 No. of Claims: 11

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR CONSTRUCTING NOVEL BACTERIUM BELONGING TO THE GENUS BIFIDOBACTERIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 1/20 :2010-039212 :24/02/2010 :Japan :PCT/JP2011/053737 :21/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA YAKULT HONSHA Address of Applicant: 1-19 Higashi Shinbashi 1-chome Minato-ku Tokyo 1058660 Japan (72)Name of Inventor: 1)TOMOYUKI SAKO 2)MIKA MIURA 3)YASUHISA SHIMAKAWA 4)KOJI MIYAZAKI 5)JUNJI FUJIMOTO 6)KOICHI WATANABE
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(57) Abstract:

Provided are a method for constructing a bacterium belonging to the genus Bifidobacterium which shows excellent survival even under conditions with different environmental factors, the novel bacterium belonging to the genus Bifidobacterium constructed by said method, and a method for detecting said bacterium. By alternately conducting subcultures and preservations in systems under such conditions as differing from each other in environmental factors, a bacterium belonging to the genus Bifidobacterium, which shows excellent survival under all of the conditions employed in the alternate subcultures and preservations, can be constructed.

No. of Pages: 103 No. of Claims: 16

(22) Date of filing of Application :01/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : SYSTEM FOR COATING IN PARTICULAR PAINTING OBJECTS IN PARTICULAR VEHICLE BODIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05B 15/12 :10 2010 007 479.9 :09/02/2010 :Germany :PCT/EP2011/000414 :29/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: T ¹ / ₄ binger Str. 81 71032 Bblingen Germany (72)Name of Inventor: 1)KERSTEN LINK 2)WERNER SCHUSTER
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(57) Abstract:

The invention relates to a system (1) for coating objects, comprising a coating booth (2) and an electrostatically operating deposition unit (14). A feeding device (80), by which deposition liquid can be fed to the upper region of each deposition surface, is assigned to each deposition electrode (25) of the deposition unit (14). The feeding device has a feed channel (81; 181) which can be filled with deposition liquid and which in the lower region thereof is formed by two spring plates (84, 85; 184, 185). Two slide plates (99, 100) are also seated against the opposite deposition surfaces of the deposition electrode (18) and can be moved back and forth between a position in which the lower edges of said slide plates are located above the lower edges of the spring plates (84, 85) and a position in which the lower edges of said slide plates are located below the lower edges of the spring plates (84, 85).

No. of Pages: 42 No. of Claims: 3

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OSTOMY APPLIANCE COMPRISING A WICKING LAYER

(51) International classification	:A61F 5/445	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70028	1)COLOPLAST A/S
(32) Priority Date	:01/02/2010	Address of Applicant :Holtedam 1 DK-3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050024	(72)Name of Inventor:
Filing Date	:01/02/2011	1)PETER KWOK HING LAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An ostomy appliance comprising, a base plate having an inner radial boundary defining a stoma receiving opening and an outer radial boundary defining the outer edge of the base plate, where the base plate comprises an adhesive layer having a first surface for adhering the base plate to the skin surrounding the stoma and a second surface opposite the first surface, a first liquid impermeable layer having a first surface covering the second surface of the adhesive layer, and where the second opposite surface of the first liquid impermeable layer is provided with a wicking material abutting the inner radial boundary of the stoma receiving opening and extending in a radial direction towards the outer edge of the base plate and away from the stoma receiving opening

No. of Pages: 14 No. of Claims: 13

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE AND METHOD FOR FORMING AMORPHOUS COATING FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05B 7/20 :NA :NA :NA :PCT/JP2010/050265 :13/01/2010 : NA :NA	(71)Name of Applicant: 1)NAKAYAMA STEEL WORKS LTD. Address of Applicant: 1-66 Funamachi 1-chome Taisho-ku Osaka-shi Osaka 5518551 Japan (72)Name of Inventor: 1)RYUROU KURAHASHI 2)MASAHIRO KOMAKI 3)TSUNEHIRO MIMURA
` '		3) ISUNEHIRO MIMURA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device for forming an amorphous coating film is disclosed in which a flame containing raw-material particles is jetted from a spray gun toward a base material to melt the raw-material particles by the action of the flame, and the raw-material particles and the flame are cooled with a cooling gas before reaching the base material. In the device, a cylindrical structure which separates the flame from the outside air have been disposed in the region for melting the raw-material particles which is part of the passage through which the flame from the spray gun is jetted, and a channel for the cooling gas has been formed so that the channel is integrated with the cylindrical structure. This device has advantages that it is possible to form amorphous coating films of various metals including a metal that has a high melting point and a narrow supercooled-state temperature range and that the device is compact and generates little oxide.

No. of Pages: 41 No. of Claims: 14

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : POLYSACCHARIDE PRODUCTS WITH IMPROVED PERFORMANCE AND CLARITY IN SURFACTANT BASED AQUEOUS FORMULATIONS AND PROCESS FOR PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C08B 37/00 :61/308,668 :26/02/2010 :U.S.A. :PCT/US2011/025798 :23/02/2011 : NA :NA	(71)Name of Applicant: 1)HERCULES INCORPORATED Address of Applicant: 500 Hercules Road Wilmington DE 19808 UNITED STATES OF AMERICA (72)Name of Inventor: 1)ANITA N CHAN 2)LOUIS PATRICK DZIUK JR 3)PAQUITA ERAZO-MAJEWICZ 4)JASHAWANT J MODI 5)OLAF M MICHELSON
	:NA :NA	·
Filing Date	:NA	

(57) Abstract:

A process for producing anionic, nonionic, amphoteric or cationic derivatized polysaccharide products which demonstrate high clarity in surfactant- based compositions. The polysaccharide polymer is reacted for a sufficient time and at a sufficient temperature in the presence of water, caustic, and at least one surfactant. The polysaccharide polymer may optionally be reacted with an oxidizing agent, hydrolytic or proteolytic enzymes, molecular weight reducing agents and a cationizing agent and nonionic agent. The formed derivatized polysaccharide has a lower clarity in water than in an aqueous surfactant system. The derivatized polysaccharide product can be used in personal care and or household care products.

No. of Pages: 55 No. of Claims: 28

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID NATURAL GAS VAPORIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:24/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)LUMMUS TECHNOLOGY INC. Address of Applicant:1515 Broad Street Bloomfield NJ 07003 U.S.A. (72)Name of Inventor: 1)BAOZHONG ZHAO 2)MOHAMED B. TOLBA 3)HOWARD F. NICHOLS
Filing Date	:NA	

(57) Abstract:

A process for the vaporization of a cryogenic liquid is disclosed. The process may include: combusting a fuel in a burner to produce an exhaust gas; admixing ambient air and the exhaust gas to produce a mixed gas; contacting the mixed gas via indirect heat exchange with a cryogenic liquid to vaporize the cryogenic liquid. Also disclosed is a system for vaporization of a cryogenic liquid. The system may include: one or more burners for combusting a fuel to produce an exhaust gas; one or more inlets for admixing ambient air with the exhaust gas to produce a mixed gas; and one or more heat transfer conduits for indirectly heating a fluid with the mixed gas.

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

(22) Date of filing of Application :24/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND DEVICE FOR THE THERMAL DESTRUCTION OF ORGANIC COMPOUNDS BY MEANS OF AN INDUCTION PLASMA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N :0958451 :27/11/2009 :France :PCT/EP2010/068254 :25/11/2010 : NA :NA :NA	(71)Name of Applicant: 1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX ‰NERGIES ALTERNATIVES Address of Applicant: 25 rue Leblanc Btiment " Le Ponant D" F-75015 Paris FRANCE (72)Name of Inventor: 1)LEMONT Florent 2)POIZOT Karine
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(57) Abstract:

A method and device for chemical destruction of atleast one feed comprising atleast one organic compound by at least one induction plasma formed by at least one plasma-forming gas ionized by an inductor said device comprising:atleast one inductive plasma torch;means for introducing atleast one plasma-forming gas into said torch;optionally when the plasma gas(es) comprise(s) no or little oxygen means for bringing oxygen gas into the plasma or into the vicinity of the plasma; means for introducing said feed into said torch;a reaction enclosure(7) capable of allowing thermal destruction of the gases flowing out of the inductive plasma torch(6);a device(8) allowing mixing of the gases flowing out of the reaction enclosure(7) to be carried out;means for introducing air and/or oxygen gas(9) into the mixing device(8);a device(10)allowing recombination by cooling of atleast one portion of the gases from the mixing device;the inductive torch(6) the reaction enclosure(7) the mixing device(8) and the recombination device(10)being in fluidic communication.

No. of Pages: 53 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PACLITAXEL/ STEROIDAL COMPLEX

(71)Name of Applicant: (51) International classification :A61K 1)INSTITUTE OF MATARIA MEDICA CHINESE (31) Priority Document No :200910236960.7 ACADEMY OF MEDICAL SCIENCES (32) Priority Date :29/10/2009 Address of Applicant :No.1 Xian Nong Tan Street Xuanwu (33) Name of priority country :China District Beijing 100050 China (86) International Application No :PCT/CN2010/0078202 (72)Name of Inventor: Filing Date :28/10/2010 1)LIU Yuling (87) International Publication No : NA 2)Xia Xuejun (61) Patent of Addition to Application :NA 3)GUO Ruifang Number :NA 4)ZHANG Pengxiao Filing Date 5)ZHOU Cuiping (62) Divisional to Application Number :NA 6)WANG Renyun Filing Date :NA 7)JIN Dujia

(21) Application No.4760/DELNP/2012 A

(57) Abstract:

A paclitaxel/steroid complex comprising paclitaxel and steroid is disclosed. The molar ratio of paclitaxel to steroid is 1:0.24 preferably 1:0.252. A process for the preparation thereof and the use thereof in the manufacture of submicron emulsion dry emulsion self-microemulsifying system are also disclosed.

No. of Pages: 42 No. of Claims: 12

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SUBMICRO EMULSION OF PACLITAXEL USING STEROID COMPLEX AS INTERMEDIATE CARRIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :200910236959.4 :29/10/2009 :China :PCT/CN2010/078209 :28/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)INSTITUTE OF MATARIA MEDICA CHINESE ACADEMY OF MEDICAL SCIENCES Address of Applicant: No.1 Xian Nong Tan Street Xuanwu District Beijing 100050 China (72)Name of Inventor: 1)LIU Yuling 2)Xia Xuejun 3)GUO Ruifang 4)ZHANG Pengxiao 5)HAN Rui 6)FU Zhaodi 7)ZHOU Cuiping 8)WANG Renyun 9)JIN Dujia
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(57) Abstract:

A submicro emulsion of paclitaxel the preparation method and the use thereof are disclosed. Said submicro emulsion comprises a paclitaxel-steroid complex oil for injection water for injection an emulsifier a co-emulsifier and a isotonizing agent wherein the mole ratio of paclitaxel to steroid in the complex is 1: 0.2-4 preferably 1: 0.25-2. Said submicro emulsion is useful for the treatment of malignant tumor. The particle size of the emulsion is less than 400 nm and the pH value is 3.5-6.

No. of Pages: 43 No. of Claims: 19

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSALKYLATION OF HEAVY AROMATIC HYDROCARBON FEEDSTOCKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 6/12 :61/301,055 :03/02/2010 :U.S.A. :PCT/US2010/061308 :20/12/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL CHEMICAL PATENTS INC Address of Applicant: 5200 Bayway Drive Baytown TX 77520-2101 UNITED STATES OF AMERICA (72)Name of Inventor: 1)DORON LEVIN 2)APRIL D ROSS 3)JAMES H BEECH
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(57) Abstract:

In a process for producing xylene by transalkylation of a C9+ aromatic hydrocarbon feedstock with a C6 and/or C7 aromatic hydrocarbon, the C9+ aromatic hydrocarbon feedstock, at least one C6 and/or C7 aromatic hydrocarbon and hydrogen are contacted with a first catalyst comprising (i) a first molecular sieve having a Constraint Index in the range of about 3 to about 12 and (ii) at least first and second different metals or compounds thereof of Groups 6 to 12 of the Periodic Table of the Elements. Contacting with the first catalyst is conducted under conditions effective to dealkylate aromatic hydrocarbons in the feedstock containing C2+ alkyl groups and to saturate C2+ olefins formed so as to produce a first effluent. At least a portion of the first effluent is then contacted with a second catalyst comprising a second molecular sieve having a Constraint Index less than 3 under conditions effective to transalkylate C9+ aromatic hydrocarbons with said at least one C6-C7 aromatic hydrocarbon to form a second effluent comprising xylene.

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

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A SOLAR COLLECTOR

(51) International classification (71)Name of Applicant: :F16L (31) Priority Document No 1)CONSUNTRATE PTY LTD :2009905048 (32) Priority Date Address of Applicant: 102 Koloona Avenue Mt Keira NSW :16/10/2009 (33) Name of priority country 2500 Australia :Australia (86) International Application No :PCT/AU2010/001376 (72)Name of Inventor : 1)Christopher Leslie WARING Filing Date :18/10/2010 (87) International Publication No : NA (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.4284/DELNP/2012 A

(57) Abstract:

A reflector to reflect solar radiation the reflector having a reflector surface the surface being concave and wherein the surface curves about a first axis and a second axis the second axis being in a plane generally normal to the first axis and curved about the first axis; and an apparatus for collection and utilisation of solar energy comprising at least one of the reflectors and at least one photovoltaic cell associated with each surface and positioned relative to the associated surface so as to be positioned to receive radiation reflected by the associated surface and to convert the radiation to electrical energy the apparatus further comprising heat conversion means for converting excess solar radiation energy incident thereon to heat energy.

No. of Pages: 67 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: UNDERGARMENT FOR MEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06N1/00 :0918097.7 :16/10/2009 :U.K. :PCT/GB2010/001889 :08/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)TODD CREATIVE SERVICES LTD Address of Applicant: Glade Cottage 7 The Glade Fetcham Surrey KT22 9TQ UNITED KINGDOM (72)Name of Inventor: 1)TODD Geoffrey Oswald
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(21) Application No.4285/DELNP/2012 A

(57) Abstract:

An item of menTMs underwear comprises a garment having a front side a rear side and a waistband defining a waist opening. The garment further defines respective openings for the left and right legs of a wearer and includes a crotch region connecting the front and rear sides and which in use is located between the wearerTMs legs.

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

(22) Date of filing of Application :01/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A COMPOSITE MATERIAL FOR SOLID SOURCES OF WHITE LIGHT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L :PCT/RU2009/000669 :04/12/2009 :Russia :PCT/RU2009/000669 :04/12/2009 : NA :NA	Address of Applicant :Ul. Mitinskaya 19-100 Moscow Russian Federation
- 10	:NA :NA :NA	

(57) Abstract:

A composite luminescent material for solid-state sources of white light which comprise a light-emitting diode that emits radiation in the 430-480 nm range as well as a mixture of at least two luminophores the first of which has a yellow-orange glow in the 560-630 nm range and the second of which is taken from the group consisting of aluminates of alkaline earth metals activated by europium. In the invention at least one photo-storing luminophore which is virtually not excited by the primary radiation of the light-emitting diode has a long afterglow and is taken in a quantity of from 10 to 90% is used as the second luminophore. Furthermore the mass ratio of the yellow-orange luminophore to the photo-storing luminophore is: yellow-orange luminophore 10-90%; photo-storing luminophore 10-90%.

No. of Pages: 18 No. of Claims: 5

(21) Application No.6800/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WATERPROOFING MEMBRANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B32B 5/02 :NA :NA :NA :NA :PCT/CN2010/000166 :08/02/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)W.R. GRACE & COCONN. Address of Applicant: 7500 Grace Drive Columbia Maryland 21044 U.S.A. (72)Name of Inventor: 1)ROBERT A. WIERCINSKI 2)HONGMEI DING 3)XIA CAO
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(57) Abstract:

Disclosed is a waterproofing membrane that bonds to concrete cast against it (i.e., post-cast concrete). The membrane includes a flexible carrier sheet, a pressure sensitive adhesive and reflective particles on the surface of the adhesive. The reflective particles should have an average diameter equal to or greater than the thickness of the pressure sensitive adhesive. Preferably, the reflective particles are ground white cement, ground hydrated white cement, ground partially-hydrated white cement or a mixture of two or more of these. The membrane does not have a removable release sheet that is typically used to prevent the adhesive portion of the membrane from adhering to the carrier sheet or other portion of the membrane when the membrane is rolled up.

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

(19) INDIA

(22) Date of filing of Application :03/08/2012

(21) Application No.6801/DELNP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: DISPLAY DEVICE

(51) International classification	:G01D 5/347	(71)Name of Applicant:
(31) Priority Document No	:10 2010 006 658.3	1)JOHNSON CONTROLS AUTOMOTIVE ELECTRONIC
(32) Priority Date	:03/02/2010	GMBH
(33) Name of priority country	:Germany	Address of Applicant :Benzstrae 6 75196 Remchingen
(86) International Application No	:PCT/EP2011/000326	Germany
Filing Date	:26/01/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)MARC RAWER
(61) Patent of Addition to Application	:NA	2)MIKE DUSS
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4		•

(57) Abstract:

The invention relates to a display device having a display and a front panel.

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

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : COMPOUND CAPABLE OF BINDING TO NATURALLY OCCURRING DENATURED PROTEIN AND METHOD FOR SCREENING FOR THE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N 33/53 :2010-022622 :03/02/2010 :Japan :PCT/JP2011/052158 :02/02/2011 : NA :NA :NA	(71)Name of Applicant: 1)PRISM BIOLAB CORPORATION Address of Applicant: Tokyo Tech Yokohana Venture Plaza 4259-3 Nagatsutacho Midori-ku Yokohama-shi Kanagawa Kanagawa 2268510 Japan (72)Name of Inventor: 1)HIROYUKI KOUJI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The screening for a low-molecular-weight compound capable of controlling a protein-protein interaction has been made among from many proteins each having an irregular sequence including a transcription factor. However, it was almost impossible to obtain a low-molecular-weight compound having a satisfactory activity. It is found that the screening for a protein capable of controlling the interaction between a naturally occurring denatured protein and a partner protein can be achieved when attention is focused on irregular sequences of proteins. It is also found that a compound capable of controlling the activity of a naturally occurring denatured protein with high efficiency can be screened by selecting a candidate compound from peptide mimic compounds each having a peptide mimic backbone and a peptide side chain or a side chain analogous to the peptide side chain.

No. of Pages: 31 No. of Claims: 12

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HOT-DIPPED STEEL AND METHOD OF PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C :2010-033502 :18/02/2010 :Japan :PCT/JP2011/053426 :17/02/2011 : NA :NA :NA :NA	1)Shiro FUJII 2)Yoshikazu YAMANAKA 3)Nobuki SHIRAGAKI 4)Hiroshi KANAI 5)Nobuyuki SHIMODA 6)Yasuhide MORIMOTO 7)Yoshihiro SUEMUNE
Filing Date	:NA	

(57) Abstract:

The present invention provides a hot-dipped steel 1 that demonstrates favorable corrosion resistance and formability and has a favorable appearance of a plating layer. The hot-dipped steel of the present invention includes a steel substrate formed thereon with an aluminum-zinc alloy plating layer. The aluminum-zinc alloy plating layer contains Al. Zn. Si and Mg as constituent elements thereof and the Mg content is 0.1% to 10% by weight. The aluminum-zinc alloy plating layer contains 0.2% to 15% by volume of an Si-Mg phase and the weight ratio of Mg in the Si-Mg phase to the total weight of Mg is 3% or more.

No. of Pages: 105 No. of Claims: 15

(21) Application No.4572/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: Painting booth with overspray suppression system and dry suppression method

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01D :MI2009A002136 :02/12/2009 :Italy :PCT/IB2010/054992 :04/11/2010 : NA :NA :NA	(71)Name of Applicant: 1)GEICO S.P.A. Address of Applicant: Via Cornaggia 58 I-20092 Cinisello Balsamo (MI) ITALY (72)Name of Inventor: 1)COVIZZI Giampaolo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A liquid-paint painting booth (10) comprises a painting chamber (11) inside which the liquid paint is sprayed and which is provided with a grille-lined floor (15) for sucking from the chamber an air flow which is then conveyed to a filter unit (20 26) for filtering the air and separating the overspray with the aid of neutralizing powders which are introduced into the air flow upstream of the filter unit. The air flow is sucked from the chamber through at least one conduit (17) the inlet of which is close to and underneath the grille-lined floor whereby outlet mouths (23) for a laminar flow of powder transverse to the inlet and substantially parallel to the grille-lined floor of the chamber are provided in the vicinity of the sides of the conduit inlet

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

(21) Application No.4573/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: EX HOST MATURATION OF GERMLINE STEM CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N :61/258,535 :05/11/2009 :U.S.A. :PCT/US2010/055711 :05/11/2010 : NA :NA	(71)Name of Applicant: 1)PRIMEGEN BIOTECH LLC DBA REPROCYTE Address of Applicant: 213 Technology Drive Irvine CA 92618 UNITED STATES OF AMERICA 2)CHOW Johnny Yung-chiong (72)Name of Inventor: 1)IZADYAR Fariborz 2)CHOW Johnny Yung-chiong 3)YUEN Constance
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods are provided for the ex host maturation of immature germline cells into haploid gametes for restoration of fertility in patients in need thereof.

No. of Pages: 148 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID REPELLENT SURFACES

(51) International classification(31) Priority Document No	:B05D 7/24 :1000538.7	(71)Name of Applicant: 1)P2I LTD
(32) Priority Date	:14/01/2010	Address of Applicant :127 (9-12 North) Milton Park
(33) Name of priority country	:U.K.	Abingdon Oxfordshire OX14 4SA UNITED KINGDOM
(86) International Application No	:PCT/GB2011/050025	(72)Name of Inventor:
Filing Date	:10/01/2011	1)COULSON Stephen
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.6841/DELNP/2012 A

(57) Abstract:

A method for forming a liquid repellent surface on a substrate said method comprising applying a combination of nanoparticles and a polymeric material to the surface in a chamber using ionisation or activation technology in particular plasma processing.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VEHICLE COMPRESSED AIR SUPPLY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B60T 17/00 :2010-022802 :04/02/2010 :Japan :PCT/JP2011/052799 :03/02/2011 : NA :NA	(71)Name of Applicant: 1)NABTESCO AUTOMOTIVE CORPORATION Address of Applicant: JA Kyosai Bldg. 7-9 Hirakawacho 2- chome Chiyoda-ku Tokyo 102-0093 Japan (72)Name of Inventor: 1)ICHIRO MINATO 2)HIROKI HASEBE
(61) Patent of Addition to Application Number	*	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a vehicle compressed air supply device, comprising pressure maintenance valves (44, 45) for service brakes, which are positioned between a junction chamber (38) and compressed air channels (51a, 52a) for primary brakes; a pressure maintenance valve (48) for the parking brake, which is positioned between the junction chamber (38) and a compressed air channel (53a) for the parking brake; and a pressure maintenance valve (47), positioned on a supply path (41) that connects the pressure maintenance valve (48) for the parking brake with the junction chamber (38), and which is closed until the pressure of the compressed air that is supplied to the compressed air channels (51a, 52a) for the primary brakes reaches a prescribed pressure value. The pressure maintenance valve (47) has the same structure as the pressure maintenance valves (44, 45) for service brakes and the pressure maintenance valve (48) for the parking brake.

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

(21) Application No.6843/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ANDROGEN RECEPTOR MODULATORS AND USES THEREOF

(51) International :C07D401/04,C07D487/04,A61K31/4439 classification

(31) Priority Document :61/305082

No

:16/02/2010 (32) Priority Date (33) Name of priority :U.S.A.

country

(86) International :PCT/US2011/025106

Application No :16/02/2011 Filing Date

(87) International :WO 2011/103202 Publication No

(61) Patent of Addition :NA to Application Number

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

(71)Name of Applicant:

1)ARAGON PHARMACEUTICALS INC.

Address of Applicant: 12780 El Camino Real Suite 301 San

Diego CA 92130 U.S.A. (72)Name of Inventor:

1)SMITH Nicholas D. 2)BONNEFOUS Celine

3)JULIEN Jackaline D.

(57) Abstract:

Described herein are compounds that are androgen receptor modulators. Also described are pharmaceutical compositions and medicaments that include the compounds described herein as well as methods of using such androgen receptor modulators alone and in combination with other compounds for treating diseases or conditions that are mediated or dependent upon androgen receptors.

No. of Pages: 244 No. of Claims: 34

(22) Date of filing of Application :06/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: INTERRUPT VIRTUALIZATION

(51) International classification	:G06F9/455,G06F9/48	(71)Name of Applicant:
(31) Priority Document No	:61/301937	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:05/02/2010	Address of Applicant :One AMD Place P.O. Box 3453
(33) Name of priority country	:U.S.A.	Sunnyvale California 94088 U.S.A.
(86) International Application No	:PCT/US2011/023942	(72)Name of Inventor:
Filing Date	:07/02/2011	1)SEREBRIN Benjamin C.
(87) International Publication No	:WO 2011/097588	2)SCHMIDT Rodney W.
(61) Patent of Addition to Application	:NA	3)KAPLAN David A.
Number	:NA	4)HUMMEL Mark D.
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.6845/DELNP/2012 A

(57) Abstract:

(19) INDIA

In an embodiment a device interrupt manager may be configured to receive an interrupt from a device that is assigned to a guest. The device interrupt manager may be configured to transmit an operation targeted to a memory location in a system memory to record the interrupt for a virtual processor within the guest wherein the interrupt is to be delivered to the targeted virtual processor. In an embodiment a virtual machine manager may be configured to detect that an interrupt has been recorded by the device interrupt manager for a virtual processor that is not currently executing. The virtual machine manager may be configured to schedule the virtual processor for execution on a hardware processor or may prioritize the virtual processor for scheduling in response to the interrupt.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR NONINVASIVE PRENATAL DIAGNOSIS OF FETAL ANEUPLOIDIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12Q1/68 :61/298339 :26/01/2010 :U.S.A. :PCT/IB2011/000217 :26/01/2011 :WO 2011/092592 :NA :NA	(71)Name of Applicant: 1)NIPD GENETICS LTD Address of Applicant: 6 Airport Avenue Nicosia 2370 Cyprus (72)Name of Inventor: 1)PATSALIS Philippos C. 2)PAPAGEORGIOU Elisavet A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention provides methods and compositions for noninvasive prenatal diagnosis of fetal aneuploidies. A large panel of differentially methylated regions (DMRs) have been identified. Certain of these DMRs are hypomethylated in adult female blood DNA and hypermethylated in fetal DNA whereas others are hypermethylated in adult female blood DNA and hypermethylated in fetal DNA. Moreover DMRs that are hypomethylated in adult female blood DNA and hypermethylated in fetal DNA have been shown to accurately predict a fetal aneuploidy in fetal DNA present in a maternal blood sample during pregnancy. In the methods of the invention hypermethylated DNA is physically separated from hypomethylated DNA preferably by methylated DNA immunoprecipitation.

No. of Pages: 393 No. of Claims: 42

(22) Date of filing of Application :06/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR MAKING A COMPOSITE MATERIAL COMPOSITE MATERIAL AND END **PRODUCT**

(51) International classification: B29C70/20,B29C70/38,B32B5/26 (71) Name of Applicant:

(31) Priority Document No :10151976.7 (32) Priority Date :28/01/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/051183

:28/01/2011 Filing Date

(87) International Publication

:WO 2011/092271 No (61) Patent of Addition to

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

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

1)STICHTING NATIONAAL LUCHT EN RUIMTEVAART LABORATORIUM

Address of Applicant: Anthony Fokkerweg 2 NL 1059 CM

Amsterdam Netherlands (72)Name of Inventor:

1)NAGELSMIT Martin Herman 2)KASSAPOGLOU Christos

3)THUIS Hubertus Gerardus Stephanus Jozef

4)GRDAL Zafer

5) WILDVANK Willem Antonius Roy

(57) Abstract:

A method is presented for making a composite material from strips comprising longitudinal fibres and a binder or resin which material comprises a number of layer assemblies one on top of the other. Each layer assembly comprises m sets (with m at least 2) of parallel strips each extending in a different direction Each layer assembly is manufactured by successive steps of depositing groups of parallel strips according to a well defined pattern (without longitudinally interweaving strips with previously deposited strips). Before completing a layer assembly with the exception of the last layer assembly by depositing its last group of parallel strips the first group of parallel strips of the following layer assembly is already deposited. A composite material manufactured with such a method is presented too.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR REDUCING THE STARTING CURRENT OF A POLYPHASE MACHINE OPERATED BY BLOCK COMMUTATION

(51) International classification :H02P1/26,H02P1/46,H02P27/12 (71) Name of Applicant:

(31) Priority Document No :10 2010 001 774.4

(32) Priority Date :10/02/2010 (33) Name of priority country :Germany

(86) International Application :PCT/EP2011/051892

:09/02/2011 Filing Date

(87) International Publication No:WO 2011/098485

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

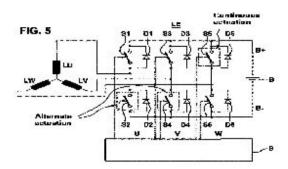
1)MEHRINGER Paul

2)ROESNER Julian

3)MAGINI Fabio

(57) Abstract:

The invention relates to a method for reducing the starting current of a polyphase machine operated by block commutation said machine comprising a battery and per phase a high side switch a low side switch a phase winding and a rotor. According to said method the high side switches associated with a current phase or the low side switches associated with a current phase are maintained in the closed state and alternately control the other low side switches or high side switches associated with other current phases.



No. of Pages: 17 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SHEET STORAGE BOX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47J31/46 :2009-244667 :23/10/2009 :Japan :PCT/JP2010/057585 :28/04/2010 : NA :NA :NA	(71)Name of Applicant: 1)FUJIMOTO Hiromichi Address of Applicant: 2320-1 ooaza Uchikamado Beppu-shi Oita 8740011 JAPAN (72)Name of Inventor: 1)FUJIMOTO Hiromichi
Filing Date	:NA	

(21) Application No.3976/DELNP/2012 A

(57) Abstract:

Conventional sheet storage boxes have problems that the sheet storage box with a sheet-fixing sheet pasted on the sheet-removing opening is wasteful from the point of view of resources and that in the case of the sheet storage box without the sheet-fixing sheet pasted on the opening the fixing of sheet becomes weaker as the opening itself becomes larger due to the excessively wide rim of the opening and when the rims of the opening are made too close the rim of the opening partially becomes smaller and the resistance to remove the sheets becomes too large.

No. of Pages: 67 No. of Claims: 5

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF PRODUCING AN AMINOALKYLALKOXYSILANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C :61/252,258 :16/10/2009 :U.S.A. :PCT/US2010/051726 :07/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)DOW CORNING CORPORATION Address of Applicant: 2200 West Salzburg Road Midland MI 48686-0994 U.S.A. (72)Name of Inventor: 1)GOHNDRONE John 2)MAURER Joshua
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(57) Abstract:

A method of preparing an aminoalkylalkoxysilane the method comprising reacting a haloalkylalkoxysilane with ammonia in a high pressure reactor for an amount of time sufficient to consume from 20 to 99.99 % (w/w) of the haloalkylalkoxysilane and form an aminoalkylalkoxysilane; venting ammonia from the reactor to give a mixture comprising the aminoalkylalkoxysilane unreacted haloalkylalkoxysilane and an ammonium halide; and treating the mixture with a primary amine to form an N-substituted aminoalkylalkoxysilane.

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

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : GLASS-MELTING FURNACE PROCESS FOR PRODUCING MOLTEN GLASS APPARATUS FOR PRODUCING GLASS PRODUCTS AND PROCESS FOR PRODUCING GLASS PRODUCTS

(31) Priority Document No :2009-265122 1) (32) Priority Date :20/11/2009 (33) Name of priority country :Japan Tok (86) International Application No :PCT/JP2010/070747 (72 Filing Date :19/11/2010 1) (87) International Publication No : NA 2) (61) Patent of Addition to Application :NA 3)	71)Name of Applicant: 1)ASAHI GLASS COMPANY LIMITED Address of Applicant: 5-1 Marunouchi 1-chome Chiyoda-ku Tokyo 100-8405 Japan 72)Name of Inventor: 1)Osamu Sakamoto 2)Chikao Tanaka 3)Seiji Miyazaki 4)Satoru Ohkawa
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(57) Abstract:

The present invention provides a glass-melting furnace for melting glass raw material particles to produce molten glass which can produce molten glass having a good quality a process for melting a glass an apparatus for producing glass products and a process for producing glass products. Glass raw material particles are dropped from an oxygen combustion burner 24 and the glass raw material particles are heated by a flame F of an oxygen combustion burner 24 and a thermal plasma P to melt the particles. Liquid glass particles 30 produced by the melting fall downwardly in a melting tank 12 and fall on a surface of a molten glass liquid G in the melting tank 12. Then an upper layer G1 of the molten glass liquid G is heated by electrodes 40 40 of a heating apparatus 38 provided in the melting tank 12.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : DENTAL IMPLANTS DEVICES AND METHODS ASSOCIATED WITH DENTAL IMPLANTATION PROCEDURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:25/01/2011 :WO 2011/092688 :NA	(71)Name of Applicant: 1)SIALO LITE LTD. Address of Applicant: Suite 220 11 Ben Gurion Blvd. 78281 Ashkelon Israel (72)Name of Inventor: 1)HENIG Itzhak 2)NAHLIELI Oded 3)SHMUELI Shmuel 4)JACOBSEN Hagay
Filing Date	:NA	4)JACOBSEN Hagay
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dental implant is provided. In some embodiments the dental implant facilitates viewing an outside of a distal end thereof via a proximal opening thereof and/or facilitates providing bone graft material via selectively closable one or more distal openings. A dental implant installation procedure is also provided in which a distal end of a dental implant is projected into a paranasal sinus cavity or a nasal cavity to thereby displace the respective sinus membrane or nasal cavity membrane from the respective cavity floor while minimizing risk of damaging the respective membrane. Bone graft material is introduced into the space thereby created between the respective membrane and the respective cavity floor via a distal portion of the dental implant to thereby form a desired sinus augmentation.

No. of Pages: 103 No. of Claims: 46

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR PRODUCING CONVEYOR BELTS HAVING A WIRE ROPE CORE

(51) International classification :B29D29/06,B29C55/04,B29C70/50

(31) Priority Document No :10 2010 008 531.6

(31) Priority Document No :10 2010 008 531.6 (32) Priority Date :18/02/2010 (33) Name of priority country :Germany

(86) International Application :PCT/EP2011/052357

Filing Date :17/02/2011

(87) International Publication :WO 2011/101410

No ((1) Determine CA 11:4: - - - 4

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

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)SIEMPELKAMP MASCHINEN UND ANLAGENBAU

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Address of Applicant : Siempelkampstrae 75 47803 Krefeld

Germany

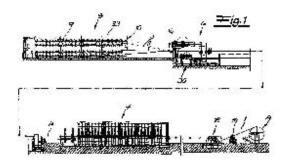
(72)Name of Inventor:

1)HIRSCHKA Gerhard 2)AUMLLER Steffen

3)WEISS Axel

(57) Abstract:

The invention relates to a system for producing conveyor belts having a rope core for example a wire rope core comprising at least one rope unwinding unit having a plurality of rope reels from which the ropes to be embedded in the conveyor belt are unwound a combining unit in which the ropes which are under tensile stress and run in the longitudinal belt direction parallel to one another in one plane are combined with one or more raw rubber webs to form a raw belt and a vulcanization press in which the raw belt is vulcanized by means of pressure and/or heat forming the conveyor belt. Said system is characterized in that the rope unwinding unit is designed as a rope unwinding and tensioning unit in which each rope is individually tensioned to the required production tension.



No. of Pages: 45 No. of Claims: 24

(21) Application No.1940/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : AN ECONOMICAL AND IMPROVED ISOLATION PROCESS OF ANTIUMOR TRITERPENOID LANTADENE B FROM WEED LANTANA CAMARA L

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61P :NA :NA :NA :NA	(71)Name of Applicant: 1)JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT Address of Applicant: P.O. DUMEHAR BANI, KANDAGHAT, DISTT. SOLAN - 173234 Himachal Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MANU SHARMA
Filing Date	:NA	2)S SHARAD KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention describes an improved process of isolation of pentacyclic triterpenoids Lantadene B (LB, 22-[(3-Methyl-l-oxo-2-butenyl) oxy]-3-oxoolean-12-en-28-oic acid) from leaves of weed Lantana camara L. The purity of the Lantadene B obtained by this process is 100% and the yield is high when compared to existing isolation processes using chromatography.

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

(22) Date of filing of Application :09/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INTEGRATED PRESSURE COMPENSATING HEAT EXCHANGER AND METHOD

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number : Name of State o	A A NA A	1)NUOVO PIGNONE S.P.A. Address of Applicant :VIA FELICE MATTEUCCI, 2 50127 FLORENCE (IT) Italy (72)Name of Inventor: 1)GIACHETTI, SILVIO
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	A A	

(57) Abstract:

Method and integrated pressure compensating heat exchanger. The integrated pressure compensating heat exchanger includes an inlet configured to input an internal fluid; a first conductive bellows connected to the inlet, configured to accept the internal fluid from the inlet, configured to transfer heat between the internal fluid and an external fluid, and configured to compensate for a pressure by compressing in length; and an outlet configured to accept the internal fluid from the first conductive bellows and to output the internal fluid. (ADR/as)

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND DEVICES FOR MANUFACTURING BIAXIALLY ORIENTED TUBING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:18/10/2010 : NA	(71)Name of Applicant: 1)HOPPMANN INTERNATIONAL B.V. Address of Applicant: 25 Granaatstraat NL-7554 TN Hengelo Netherlands. (72)Name of Inventor: 1)VISSCHER Jan 2)JANSEN KLOMP Hendrik Jan Carel 3)BOSCH Jan-Mark
(86) International Application No		(72)Name of Inventor:
• /	: NA :NA	
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

THE PRODUCTION OF A BIAXIALLY ORIENTED TUBE FROM THERMOPLASTIC MATERIAL, WHEREIN A TUBE IN PREFORM CONDITION IS EXTRUDED FROM THERMOPLASTIC MATERIAL USING AN EXTRUDER HAVING AN EXTRUDER DIE HEAD WITH AN INNER DIE MEMBER THAT FORMS A LUMEN IN THE TUBE IN PREFORM CONDITION. THE TUBE IN PREFORM CONDITION IS SUBJECTED TO A TEMPERATURE CONDITIONING. USE IS MADE OF A EXPANSION DEVICE COMPRISING A NON-DEFORMABLE EXPANSION PART HAVING A GRADUALLY INCREASING DIAMETER TO A MAXIMUM DIAMETER, WHICH EXPANSION PART IS CONTACTED BY THE TUBE AND EXERTS AN EXPANDING FORCE SO AS TO BRING ABOUT EXPANSION OF THE TEMPERED TUBE IN CIRCUMFERENTIAL DIRECTION. THE METHOD COMPRISES DRAWING THE TEMPERED TUBE OVER THE EXPANSION DEVICE USING A DRAWING DEVICE, IN SUCH A MANNER THAT SAID TUBE IS TRANSFORMED FROM A TUBE IN PREFORM CONDITION INTO A BIAXIALLY ORIENTED TUBE WITH THERMOPLASTIC MATERIAL WHICH IS ORIENTED IN AXIAL DIRECTION AND IN CIRCUMFERENTIAL DIRECTION OF THE TUBE.

No. of Pages: 89 No. of Claims: 52

(21) Application No.6858/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SURGICAL INSTRUMENT

(51) International classification :A61B17/28,A61B17/06,A61B17/3201

(31) Priority Document No:2010243022 (32) Priority Date :29/10/2010

(33) Name of priority :Japan

country

(86) International :PCT/JP2011/064006

Application No Filing Date :1C1/31201

(87) International .WO 2012/0

Publication No :WO 2012/056759

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(72)Name of Inventor: 1)NAKAMURA Shoichi

(57) Abstract:

Provided is a surgical instrument wherein the pressure opposing force and the flexibility of the spring part can be easily adjusted and manipulability improved. The surgical instrument (10) is provided with: a functional part (11) that performs grasping cutting etc. of the object; an operating part (13) that allows the user to operate the functional part (11) by applying force; and a spring (14) that is configured from a pair of elastic strip shaped parts and impels the operating part (13) to open the functional part (11). Forming multiple grooves (14A) in the strip shaped parts of the spring (14) causes changes in the pressure opposing force and the bending characteristics of the spring part (14) and allows adjustment of the manipulability of the functional part (11).

No. of Pages: 21 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :06/08/2012

(21) Application No.6859/DELNP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: BIDET APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E03D9/08 :2010/01193 :17/02/2010 :Turkey :PCT/EP2011/050721 :20/01/2011 :WO 2011/101194 :NA :NA :NA	(71)Name of Applicant: 1)ECZACIBASI YAPI GERECLERI SANAYI ve TICARET ANONIM SIRKETI Address of Applicant: Buyukdere Cad. Ali Kaya Sok. No:7 Kat: 5 Levent 34394 Istanbul Turkey (72)Name of Inventor: 1)DUVENCIOGLU Erhan 2)MANAVOGLU Mustafa
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(57) Abstract:

The bidet apparatus (A) of the invention comprises one main shell (1) in form of tube; one bidet pipe (3) provided in the main shell (1) which moves out from the main shell (1) by moving in forward direction by water pressure exerted on its rear surface (31) and which moves by means of pressure of spring (5) within the main shell and water cut off. There is provided at least one cover (4) provided in front of the water outlet (36) of the pipe (3) which is fixed to the main shell (1) by means of a hinge (41) in the front portion (17) of said shell and is opened by rotating after it is pushed by the bidet pipe (3) that moves in forward direction.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BRUSHLESS DIRECT-CURRENT MOTOR HAVING CURRENTLESS STOPPAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K :1624/09 :23/10/2009 :Switzerland :PCT/CH2010/000138 :27/05/2010 : NA :NA :NA	(71)Name of Applicant: 1)BELIMO HOLDING AG Address of Applicant: Brunnenbachstrasse 1 CH-8340 Hinwil SWITZERLAND (72)Name of Inventor: 1)FURRER Roman 2)TAGHEZOUT Daho
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(57) Abstract:

The invention relates to a brushless direct-current motor (1) comprising a stator (2) a rotor cup (30) that revolves around the stator (2) and has a plurality of permanent-magnet poles (N S) and a detent torque plate (4) that is connected to the stator (2) and has several pole shoes (41) for generating a detent torque that brings the revolving rotor cup (30) into a detent position. The pole shoes (41) are each arranged in the detent position between two adjacent poles (N S) of the revolving rotor cup (30) to form a magnetic short circuit.

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

(21) Application No.6738/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : COMMUNICATION SYSTEM FOR SUPPORTING CARRIER AGGREGATION AND METHOD AND APPARATUS FOR UPDATING SYSTEM INFORMATION THEREOF

(51) International classification	:H04W 72/04	(71)Name of Applicant :
(31) Priority Document No	:201010002920.9	1)SONY CORPORATION
(32) Priority Date	:08/01/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-
(33) Name of priority country	:China	0075 Japan
(86) International Application No	:PCT/CN2011/070043	(72)Name of Inventor:
Filing Date	:05/01/2011	1)YUXIN WEI
(87) International Publication No	: NA	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		<u> </u>

(57) Abstract:

A communication system for supporting carrier aggregation and a method and apparatus for updating system information thereof are disclosed by the present invention. A method for providing system information in the communication system supporting carrier aggregation includes: when system information of said communication system changes, generating first information including information for indicating the change of system information; determining a first cell of a terminal related to the change of system information, wherein said first cell is one of the cells to which said terminal connects, and corresponds to a carrier unit currently used by said terminal for keeping connection with a base station of said communication system; and transmitting said first information to said terminal through said first cell.

No. of Pages: 68 No. of Claims: 62

(12) THE NITE OF THE OF THE OF

(21) Application No.6740/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REDUCED VARIABILITY COATED FLOSS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61C 15/04 :61/302,276 :08/02/2010 :U.S.A. :PCT/US2011/024046 :08/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)DOUGLAS CRAIG HARDESTY
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(57) Abstract:

Dental floss includes a coated fibrous substrate where the coating is metered to give a more consistent coat weight on the fibrous substrate. The dental floss is manufactured such that a metered amount of coating is placed on a fibrous substrate.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROTECTIVE COVERING FOR A SEAT ADJUSTING MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N 2/20 :10 2010 006 933.7 :04/02/2010 :Germany :PCT/EP2011/000440 :01/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrasse 20-30 53199 Burscheid Germany (72)Name of Inventor: 1)CHRISTIAN MUSSMANN
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(57) Abstract:

A vehicle seat (1) having a backrest (3) which is arranged on a seat part (2) such that it can be pivoted and/or rotated by means of an adjusting mechanism (3), wherein the adjusting mechanism (3) is covered with a covering (5) and the covering is provided in two parts. The first part (6) is made of a comparatively hard plastic material and the second part (7) is made of a comparatively soft plastic material.

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR CONTROLLING INTER-INTEGRATED CIRCUIT BUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 13/38 :201010034257.0 :18/01/2010 :China :PCT/CN2010/077010 :16/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen Guangdong Province 518057 China (72)Name of Inventor: 1)HONG GAO
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(57) Abstract:

A method and a system for controlling an inter-integrated circuit (I2C) bus are provided, the method comprises: dividing a serial clock line (SCL) signal collected from an I2C bus of a master device to a plurality of paths of signals, and extending the signals to an I2C bus of a slave device, by a complex programmable logic device (CPLD); judging current states of data and determining a direction of a current serial data line (SDA) signal, between SDA signals collected from the I2C buses of the master device and SDA signals collected from the I2C buses of the slave device. The system may reduce cost and design complexity of a motherboard.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONNECTOR FOR A CONTAINER INCLUDING A MEDICINAL ACTIVE INGREDIENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10/01/2011 : NA	(71)Name of Applicant: 1)FRESENIUS KABI DEUTSCHLAND GMBH Address of Applicant: Else-Kroner-Strasse 1 61352 Bad Homburg Germany (72)Name of Inventor: 1)ISMAEL RAHIMY 2)TORSTEN BRANDENBURGER
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to a connector for a container including a medicinal active ingredient which enables the active ingredient to be transferred from one container to another container. The connector (1, 1) according to the invention comprises a first connection region (3, 3) for connecting a first container (2, 2), a guide element (4, 4), a piercing element (5, 5) and a partition (6), wherein the guide element (4, 4) has a channel (7) designed for transferring a medicinal active ingredient, the piercing element (5, 5) is arranged at least in sections in the channel (7) and is axially movably guided within the channel (7) by the guide element (4, 4) and, by connecting a container (2, 2) in the first connection region (3, 3), the piercing element (5, 5) is movable from a starting position, in which the piercing element (5, 5) does not open the partition (6), to an end position, in which the piercing element (5, 5) opens the partition (6) for transferring a medicinal active ingredient.

No. of Pages: 34 No. of Claims: 15

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ULTRASONIC SURGICAL INSTRUMENT WITH COMB-LIKE TISSUE TRIMMING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B 17/32 :12/703,899 :11/02/2010 :U.S.A. :PCT/US2011/024167 :09/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO-SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor: 1)TIMOTHY G. DIETZ
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(57) Abstract:

In one general aspect, various embodiments are directed to an ultrasonic surgical instrument that has an ultrasonic blade that protrudes from at least one ultrasonic transducer that is movably supported within a handle housing. The ultrasonic blade protrudes through an outer sheath assembly that is attached to the handle housing. A distal end portion of the outer sheath has at least one comb-like portion formed thereon. In some embodiments, a distal end of the ultrasonic blade is axially movable adjacent to the at least one comb-like portion. In other embodiments, the distal end of the ultrasonic blade is rotatable adjacent to the at least one comb-like portion.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM FOR MANAGING AND CONTROLLING PHOTOVOLTAIC PANELS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	H01L 31/042 10 00108 12/01/2010 France PCT/FR2011/000011 10/01/2011 NA	(71)Name of Applicant: 1)THIERRY ARNAUD Address of Applicant: 99 Chemin de la Cafeta F-74330 Poisy France 2)ANDRAS POZSGAY 3)ARMIN WELLIG (72)Name of Inventor: 1)ANDRAS POZSGAY
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(57) Abstract:

The invention relates to a module for locally controlling a photovoltaic panel that includes: first and second terminals (B1, B2) for connecting in series by a single conductor (13) having homologous modules; a first terminal (A1) for connecting the photovoltaic panel, said first terminal being connected to the first terminal (B1) for connecting in series; a switcher (S) that is connected between the second terminal (B2) for connecting in series and a second terminal (A2) connecting the panel; a diode (D0) that is connected between the first and second terminals (B1, B2) for connecting in series; a converter (70) that is provided so as to supply power to the module on the basis of the voltage that is developed by the panel between the first and second terminals (A1, A2) connecting the panel; a sensor (R3) for measuring the current flowing within the single conductor (13); and a means (60, 62) for closing the switcher when the current flowing within the single conductor exceeds a threshold.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ULTRASONIC SURGICAL INSTRUMENTS WITH MOVING CUTTING IMPLEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B 17/22 :12/703,893 :11/02/2010 :U.S.A. :PCT/US2011/024180 :09/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO-SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor: 1)TIMOTHY G. DIETZ 2)GREGORY W. JOHNSON 3)SEAN P. CONLON 4)DANIEL J. MUMAW 5)JEROME R. MORGAN 6)WILLIAM D. DANNAHER 7)OMAR J. VAKHARIA 8)RICHARD W. TIMM 9)MATTHEW C. MILLER 10)GALEN C. ROBERTSON
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(57) Abstract:

In various embodiments, a surgical instrument for operation in an aqueous environment is provided. In at least one embodiment, the surgical instrument may include a hollow sheath and a blade disposed at least partially within the sheath. Coupled to the blade may be at least one ultrasonic transducer, which, in turn, may be coupled to a drive system. The drive system may be configured to deliver gross axial motions to the blade such that the blade translates with respect to the hollow sheath when the drive system is activated. Accordingly, tissue may be cut by the blade with gross axial movement of the blade and/or ultrasonic vibrational motion provided by the ultrasonic transducer(s). In alternative embodiments, the blade may be rotated axially instead of translated with respect to the hollow sheath.

No. of Pages: 70 No. of Claims: 20

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPONENT INCLUDING A RECHARGEABLE BATTERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01M 2/16 :1002040.2 :09/02/2010 :U.K. :PCT/GB2011/050217 :09/02/2011 : NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS plc Address of Applicant: 6 Carlton Gardens London SW1Y 5AD U.K. (72)Name of Inventor: 1)MARTYN JOHN HUCKER 2)MICHAEL DUNLEAVY 3)AMY ELIZABETH DYKE 4)HAZEL ANNE DYKE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to the invention there is provided a component including a rechargeable battery and a method of producing same. The component uses one of an acid and an alkaline chemistry and the battery has an anode structure, a cathode structure, and a separator structure which separates the anode from the cathode and contains an electrolyte. The anode structure and the cathode structure are each formed from a composite material which includes electrically conductive fibres and electrochemically active material in a binder matrix and the battery is formed to be structurally inseparable from the rest of the component.

No. of Pages: 21 No. of Claims: 31

(21) Application No.1807/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROAD PAVER WITH LAYER THICKNESS MEASURING DEVICE

:G01N	(71)Name of Applicant:
:11004889.9	1)Joseph Vgele AG
:15/06/2011	Address of Applicant :Joseph-Vgele-Str. 1 67067
:EPO	Ludwigshafen/Rhein GERMANY
:NA	(72)Name of Inventor:
:NA	1)Dennis HANFLAND
: NA	2)Ralf WEISER
:NA	
:NA	
:NA	
:NA	
	:11004889.9 :15/06/2011 :EPO :NA :NA : NA : NA :NA

(57) Abstract:

Road paver (100) with a towing machine (50) and a movable screed (4) and with a measuring device (60) that is provided for determining a layer thickness (9) of a road pavement (6) that has been newly laid by the screed (4). The measuring device (60) is formed to determine the layer thickness (9) at an intended location (8) seen relative to a direction of travel (V) behind a rear edge (10) of the screed (4) whereby the measuring device (60) is provided on the road paver (100) such that the layer thickness (9) can be determined independently of a geometric shape and / or a movement of the screed (4).

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :27/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONVERTIPLANE

(51) International classification :B64C (31) Priority Document No :1142520 (32) Priority Date :29/07/20 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	,
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(57) Abstract:

There is described a convertiplane (1) comprising: A convertiplane (1) comprising: a pair of semi-wings (3); at least one first rotor (4) comprising a shaft (6) which may rotate about relative first axis (B) and tilt about a second axis (C) together with first axis (B) with respect to semi-wings (3) between a helicopter mode and an aeroplane mode; first axis (B) being, in use, transversal to a longitudinal direction (A) of convertiplane (1) in helicopter mode and being, in use, substantially parallel to longitudinal direction (A) in aeroplane mode; convertiplane (1) also comprises an electrical power storage device (70; 81, 82); and at least one electrical machine (71); electrical machine (71) comprises, in turn,: a stator (72) which is electrically connected to storage device (70; 81, 82); and a second rotor (73) which is operatively connected to a shaft (6) of first rotor (4); electrical machine (71) acts as an electric motor for driving in rotation said first rotor (4) by using the electrical power stored in storage device (70; 81, 82); or as an electrical power generator for re-charging storage device (70; 81, 82) by causing the rotation second rotor (4) under the action of a wind current. (Figure 15)

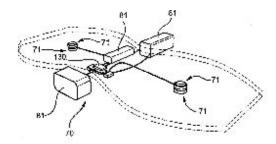


FIG. 15

No. of Pages: 46 No. of Claims: 14

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OPTICAL RECORDING MEDIUM RECORDING DEVICE AND RECORDING METHOD

(67) Divisional to Application Number NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G11B 7/24 :2010-004550 :13/01/2010 :Japan :PCT/JP2010/073483 :17/12/2010 : NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan Minato-ku Tokyo Japan (72)Name of Inventor: 1)KIMIHIRO SAITO 2)SEIJI KOBAYASHI
Filing Date :NA	Filing Date (62) Divisional to Application Number	:NA	

(57) Abstract:

Disclosed is an optical recording medium having the smallest number of different interlayer distances that allows cancellation of the effect of interlayer crosstalk. Specifically disclosed is an optical recording medium comprising N recording layers (where N % 4) grouped into one or more AB blocks each consisting of 4 recording layers formed one above another, wherein there are M different interlayer distances, where M is the smallest integer equal to or larger than log2(N), and wherein in each AB block, the first and second recording layers are separated by a first interlayer distance (A), the second and third recording layers are separated by a second interlayer distance (B), and the third and fourth recording layers are separated by the first interlayer distance (A). Also specifically disclosed is an optical recording medium comprising an AB block and a recording layer, wherein there are M different interlayer distances, where M % 3, and wherein the recording layer and the adjacent recording layer of the AB block are separated by a third interlayer distance (C).

No. of Pages: 99 No. of Claims: 11

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CATALYST SYSTEMS AND METHODS FOR USING SAME TO PRODUCE POLYOLEFIN PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08F 10/02 :61/306,749 :22/02/2010 :U.S.A. :PCT/US2011/025405 :18/02/2011 : NA :NA	2)JEFF C. HARLAN 3)WESLEY R. MARIOTT 4)LIXIN SUN 5)DANIEL P. ZILKER 6)DAVID F. HUSSEIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	6)DAVID F. HUSSEIN 7)PHUONG A. CAO 8)JOHN H. MOORHOUSE 9)MARK G. GOODE

(57) Abstract:

Catalyst systems and methods for making and using the same. The catalyst system can include a single site catalyst compound, a support comprising fluorinated alumina, and an aluminoxane. The aluminoxane can be present in an amount of about 10 mmol or less per gram of the support.

No. of Pages: 52 No. of Claims: 42

(21) Application No.6900/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCTION OF POLYMER CONTAINING FIBRES

:D01F1/02,D01F4/00,D01F6/68 (71)Name of Applicant : (51) International classification (31) Priority Document No :PCT/EP2010/001694

(32) Priority Date :17/03/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/001307

Filing Date :16/03/2011 (87) International Publication No :WO 2011/113592

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

:NA Number :NA Filing Date

1)AMSILK GMBH

Address of Applicant : Am Klopferspitz 19 82152

Planegg/Martinsried Germany (72)Name of Inventor:

1)BAUSCH Andreas 2)RAMMENSEE Sebastian

(57) Abstract:

The present invention relates to a method of spinning a polypeptide polymer containing fibre. It further relates to a polymer fibre obtainable by said method and to uses thereof. The invention also relates to products comprising said polymer fibre.

No. of Pages: 91 No. of Claims: 31

(21) Application No.6901/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IOMMU ARCHITECTED TLB SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:16/02/2011 :WO 2011/103184 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One AMD Place Sunnyvalle CA 94088 U.S.A. (72)Name of Inventor: 1)KEGEL Andrew 2)HUMMEL Mark 3)BOLEYN Erich
- 1,00000		
Filing Date	:NA	

(57) Abstract:

Embodiments allow a smaller simpler hardware implementation of an input/output memory management unit (IOMMU) having improved translation behavior that is independent of page table structures and formats. Embodiments also provide device independent structures and methods of implementation allowing greater generality of software (fewer specific software versions in turn reducing development costs).

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESSOR CONFIGURED TO VIRTUALIZE GUEST LOCAL INTERRUPT CONTROLLER

(51) International classification	:G06F9/455,G06F9/48	(71)Name of Applicant :
(31) Priority Document No	:61/301937	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:05/02/2010	Address of Applicant :One AMD Place P.O. Box 3453
(33) Name of priority country	:U.S.A.	Sunnyvale California 94088 U.S.A.
(86) International Application No	:PCT/US2011/023943	(72)Name of Inventor:
Filing Date	:07/02/2011	1)SEREBRIN Benjamin C.
(87) International Publication No	:WO 2011/097589	2)SCHMIDT Rodney W.
(61) Patent of Addition to Application	:NA	3)KAPLAN David A.
Number	:NA	4)HUMMEL Mark D.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an embodiment a guest interrupt control unit in a hardware processor may be configured to detect that an interrupt has been recorded in a memory location corresponding to a virtual processor wherein the interrupt is targeted at the virtual processor. In response to the virtual processor being active on the hardware processor the guest interrupt control unit is configured to provide the interrupt to the guest that includes the virtual processor. In an embodiment a processor is configured to execute instructions from a guest wherein the processor is configured to detect an instruction that accesses interrupt controller state data associated with a virtual processor in the guest and wherein the processor is configured to access a memory location that stores interrupt controller state data corresponding to the virtual processor in response to the instruction.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MECHANICAL BRAKE FOR A WIND TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03D7/02 :p201000131 :04/02/2010 :Spain :PCT/ES2011/000017 :26/01/2011 :WO 2011/095655 :NA :NA :NA	(71)Name of Applicant: 1)GAMESA INNOVATION & TECHNOLOGY S.L. Address of Applicant: Avda. Ciudad de la Innovaci³n 9 11 31621 Sarriguren (Navarra) Spain (72)Name of Inventor: 1)D AZ DE CERIO GARC A DE MENDAZA Csar 2)FERNANDEZ GARCIA Angel
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(57) Abstract:

The invention relates to a mechanical brake consisting of a double disk (D1 and D2) that is rotationally fixed to the transmission axle and brake clamps (P1 and P2) that contact the disk when they are activated electrically hydraulically or pneumatically. The brake is characterised in that it is arranged in the high speed axle (Ea) of the power train in that its diameter is adapted to dimensions defined by the existing space and in that the brake clamps are directly attached to the casing of the multiplier (M). The mechanical brake thus formed can carry out the braking process with the pitch actuator in the power position in initial nominal power conditions and at the average nominal wind speed for an installation of less than 1 MW.

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

(21) Application No.6904/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: HEAT TRANSFER COMPOSITIONS

(51) International classification :C09K3/30,C09K5/04,A23L1/00 (71)Name of Applicant :

(31) Priority Document No :1002622.7 (32) Priority Date :16/02/2010

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

(86) International Application No:PCT/GB2011/000197

Filing Date :15/02/2011

(87) International Publication No: WO 2011/101617

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

Number :NA Filing Date

(57) Abstract:

1)MEXICHEM AMANCO HOLDING S.A. DE C.V.

Address of Applicant : Rio san Javier No. 10 Fraccionamiento Viveros del Rio Tlalnepantla Estado de Mexico 54060 Mexico

(72)Name of Inventor: 1)LOW Robert E.

The invention provides a heat transfer composition comprising trans 1 3 3 3 tetrafluoropropene (R 1234ze(E)) fluoroethane (R 161) and a third component selected from difluoromethane (R 32) and/or 1 1 difluoroethane (R 152a).

No. of Pages: 43 No. of Claims: 59

(21) Application No.6906/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THREE DIMENSIONAL MEASUREMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:09/01/2011 :WO 2011/083476	(71)Name of Applicant: 1)SHILAT OPTRONICS LTD Address of Applicant: 5 Haplada Street 60218 Or Yehuda Israel (72)Name of Inventor: 1)GUETTA Avishay
• •		
C		1)GUETTA Avishay
(87) International Publication No	:WO 2011/083476	
` '	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for making distance measurements of remote points using a phenomenon related to the time of flight of an illuminating beam. A modulated beam of light is directed at the target area. The modulated beam has temporally varying information impressed upon it such that the time of flight of the beam to the target and back can be related to the temporal signature of the received beam. An acousto optic modulator is used to perform frequency conversion of the modulated light reflected from points in the field before that light impinges on the pixels of a detector array. The AO modulation frequency is close to the illuminating light modulation frequency so that the converted mixed frequency falls within the limited parallel reading rate range of the detector array and contains the temporal signature information of the modulated light received from the target within signals of manageable frequencies.

No. of Pages: 30 No. of Claims: 35

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WEB MATERIAL(S) FOR ABSORBENT ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61F13/15 :61/303184 :10/02/2010 :U.S.A. :PCT/US2011/024316 :10/02/2011 :WO 2011/100407 :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)CHHABRA Rajeev 2)CHENG Calvin Hoi Wung 3)ISELE Olaf Erik Alexander 4)NELSON DeeAnn Ling
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(57) Abstract:

The present disclosure in part relates generally to an absorbent article to be worn about the lower torso. The absorbent article comprises a chassis comprising a topsheet a backsheet an absorbent core disposed between the topsheet and the backsheet and a pair of longitudinal barrier cuffs attached to the chassis. Each of the longitudinal barrier cuffs is formed of a web of material. The web of material comprises a first nonwoven component layer comprising fibers having an average diameter in the range of about 8 microns to about 30 microns a second nonwoven component layer comprising fibers having an average diameter of less than about 1 micron and a third nonwoven component layer comprising fibers having an average diameter in the range of about 8 microns to about 30 microns. The second nonwoven component layer is disposed intermediate the first nonwoven component layer and the third nonwoven component layer.

No. of Pages: 100 No. of Claims: 10

(21) Application No.6911/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: AZEOTROPIC AND AZEOTROPE LIKE COMPOSITIONS OF E 1 1 1 4 4 4 HEXAFLUORO 2 **BUTENE**

(51) International classification :A62D1/00,C08J9/14,C09K3/30 (71)Name of Applicant :

(31) Priority Document No :61/327746 (32) Priority Date :26/04/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/033843

Filing Date :26/04/2011 (87) International Publication No :WO 2011/137087

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington

Delaware 19898 U.S.A. (72)Name of Inventor: 1)ROBIN Mark L.

(57) Abstract:

Azeotropic or azeotrope like compositions are disclosed. The azeotropic or azeotrope like compositions are mixtures of E 1 1 1 4 4 4 hexafluoro 2 butene with E 1 chloro 3 3 3 trifluoropropene or 2 chloro 3 3 3 trifluoropropene. Also disclosed is a process of preparing a thermoplastic or thermoset foam by using such azeotropic or azeotrope like compositions as blowing agents. Also disclosed is a process of producing refrigeration by using such azeotropic or azeotrope like compositions. Also disclosed is a process of using such azeotropic or azeotrope like compositions as solvents. Also disclosed is a process of producing an aerosol product by using such azeotropic or azeotrope like compositions. Also disclosed is a process of using such azeotropic or azeotrope like compositions as heat transfer media. Also disclosed is a process of extinguishing or suppressing a fire by using such azeotropic or azeotrope like compositions. Also disclosed is a process of using such azeotropic or azeotrope like compositions as dielectrics.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SINGLE SYSTEM WITH INTEGRATED COMPRESSOR AND PUMP AND METHOD

(51) International :F04D13/14,F04D25/16,F04D29/58 classification

(31) Priority Document No :CO2010A000006

(32) Priority Date :17/02/2010 (33) Name of priority country: Italy

(86) International Application :PCT/EP2011/052077

:11/02/2011 Filing Date

(87) International Publication :WO 2011/101296 No

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)NUOVO PIGNONE S.p.A.

Address of Applicant: Via Felice Matteucci 2 I 50127

Florence Italy

(72)Name of Inventor:

1)SASSANELLI Giuseppe

2)BERTI Matteo

3)BERGAMINI Lorenzo 4)BRESCIANI Stefano 5)DEIACO Marco 6)BANCHI Nicola

(57) Abstract:

Method and system for compressing a fluid in a gas phase and for pumping the fluid in a dense phase. The system (10) includes a compressor part (12) having an impeller; a compressor part inlet (32) that receives the fluid in the gas phase; a compressor part outlet (36) that provides the fluid in the gas phase; a temperature changing device (40) that changes a phase of the fluid; a pump part (14) having an impeller; a pump part inlet that receives the fluid in the dense phase from the compressor part outlet; a pump part outlet that outputs the fluid in the dense phase from the system; a single bull gear (20) configured to rotate around an axial axis with a predetermined speed; plural pinions (22) contacting the single gear bull and configured to rotate with predetermined speeds and a pump shaft (23) configured to rotate the at least one impeller of the pump part.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SYSTEM AND METHOD FOR THE MEASUREMENT OF ARTERIAL PRESSURE THROUGH THE EFFECTS THEREOF

(51) International classification	:A61B5/022	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEMODINAMICS S.A. DE CV.
(32) Priority Date	:01/01/1990	Address of Applicant : Montes Pirineos 740 Colonia Lomas de
(33) Name of priority country	:	Chapultepec 11000 Mxico D. F. Mexico
(86) International Application No	:PCT/MX2010/000003	(72)Name of Inventor:
Filing Date	:12/01/2010	1)BUSTILLOS CEPEDA Jes°s
(87) International Publication No	:WO 2011/087347	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System and method for the measurement of arterial pressure through the effects thereof comprising a procedure having six phases and three means; the procedure for indirect method measurement of diastolic arterial pressure controls the activities of a first means which applies measured gradual external contact force a second arterial manifestation sensor means which records arterial manifestation and a third means which is a means of measurement and detection of the diastolic and systolic period of the arterial cycle to generate the value of diastolic arterial pressure by indirect method. Furthermore systolic arterial pressure is measured without overpressure through the cardiac beats generated subsequent to arterial occlusion.

No. of Pages: 68 No. of Claims: 39

(19) INDIA

(22) Date of filing of Application: 17/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention : SEMIAROMATIC POLYAMIDE PROCESS FOR PREPARING SAME COMPOSITION COMPRISING SUCH A POLYAMIDE AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:21/12/2010 : NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420 rue dEstienne dOrves F-92700 Colombes FRANCE (72)Name of Inventor: 1)BRIFFAUD Thierry 2)FERREIRO Vincent
(87) International Publication No		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4358/DELNP/2012 A

(57) Abstract:

The invention relates to a semiaromatic polyamide to the process for preparing same to a composition comprising such a polyamide and to the uses thereof. This polyamide consists of 70 to 95 mol% of a first repeating unit obtained from the polycondensation of at least one first linear or branched aliphatic diamine comprising from 10 to 36 carbon atoms and of at least one aromatic dicarboxylic acid and of 5 to 30 mol% of a second repeating unit obtained from at least one lactam and/or from at least one aminocarboxylic acid comprising from 9 to 12 carbon atoms.

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

(21) Application No.6914/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROTON CONDUCTING MEMBRANE

(51) International classification :H01M8/02,C07C5/32,C01B3/50 (71)Name of Applicant:

(31) Priority Document No :61/303854 (32) Priority Date :12/02/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2011/051970

No :10/02/2011 Filing Date

(87) International Publication No:WO 2011/098525

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)PROTIA AS

Address of Applicant: Forskningsparken Gaustadalle" n 21 N

0349 Oslo Norway

(72)Name of Inventor:

1)KJ~LSETH Christian 2) VESTRE Per Christian

(57) Abstract:

A reactor comprising a first zone comprising a dehydrogenation catalyst and a second zone separated from said first zone by a proton conducting membrane comprising a mixed metal oxide of formula (I) LnWO wherein Ln is Y or an element numbered 57 to 71; the molar ratio of a:b is 4.8 to 6 preferably 5.3 to 6; and y is a number such that formula (I) is uncharged e.g. y is 0 = y = 1.8.

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

(21) Application No.6915/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : LAUNCH VEHICLE FOR A MINING SYSTEM A MINING SYSTEM AND A METHOD FOR MINING

(51) International :E21C25/58,E21C27/24,E21C29/22

classification .EZTCZ5/56,EZTCZ7/Z4,EZTCZ5/Z

(31) Priority Document No :61/308348 (32) Priority Date :26/02/2010 (33) Name of priority country :U.S.A.

(86) International Application PCT/NI 2011/0503

No :PCT/NL2011/050136

Filing Date :25/02/2011

(87) International Publication :WO 2011/105906

(61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant:

1)CATERPILLAR GLOBAL MINING HIGHWALL

MINERS LLC.

Address of Applicant :351 Ragland Road Beckley WV 25801

U.S.A.

(72)Name of Inventor:

1)IN T HOUT Cornelis Wilhelm

(57) Abstract:

The invention provides for a launch vehicle (1) for a mining system comprising a base frame (2) provided with tracks an upper frame (3) rotatably connected to the base frame (2) around a substantially vertical axis of rotation a launch frame (5) connecting to the upper frame (3) a crane unit mounted to the launch frame a engineering vehicle or tracked vehicle and drive means for driving the continuous tracks the launch frame (5) the crane unit or a combination thereof.

No. of Pages: 11 No. of Claims: 14

(21) Application No.6916/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR THE PREPARATION OF RIVAROXABAN

(51) International :C07D265/32,C07D333/38,C07D409/12 classification

(31) Priority Document

:10153160.6

(32) Priority Date :10/02/2010

(33) Name of priority :EPO

country

(86) International

:PCT/EP2011/051920 Application No :10/02/2011

Filing Date

(87) International :WO 2011/098501 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)SANDOZ AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor:

1)STURM Hubert

2)DE SOUZA Dominic 3)KNEPPER Kerstin

4)ALBERT Martin

(57) Abstract:

The present invention relates to the use of a compound having the formula (II) for the preparation of a compound having the formula (V). Methods of preparing the compound having the formula (V) using the compound having the formula (II) are also described. Individual reaction steps as well as intermediates are additionally claimed.

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

(21) Application No.6917/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A FILTER FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:E05C	(71)Name of Applicant:
(31) Priority Document No	:RE2010A000025	1)UFI FILTERS S.P.A.
(32) Priority Date	:24/03/2010	Address of Applicant :26 Via Europa I-46047 Porto
(33) Name of priority country	:Italy	Mantovano (Mantova) ITALY
(86) International Application No	:PCT/IB2011/000270	(72)Name of Inventor:
Filing Date	:11/02/2011	1)GIRONDI Giorgio
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A filter for internal combustion engines of vehicles comprising: an external casing (11) and an upper closing cover (12) which close an internal chamber (13) having an inlet for the liquid to be filtered and an outlet for filtered liquid; a filter cartridge (20) having a tubular filter means (21) located internally of the internal chamber (13) which separates the chamber (13) into a first zone communicating with the inlet and a second zone communicating with the outlet and a lower plate (22) joined to a lower end of the filter means (21);

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED CLEANING APPARATUS AND METHOD

(51) International classification :D06F23/02,D06F35/00 (71)Name of Applicant : (31) Priority Document No 1)XEROS LIMITED :1002245.7 (32) Priority Date Address of Applicant :Unit 14 Advanced Manufacturing Park :10/02/2010 (33) Name of priority country Whittle Way Catcliffe Rotherham South Yorkshire S60 5BL U.K. :U.K. (86) International Application No :PCT/GB2011/050243 (72)Name of Inventor: 1)JENKINS Stephen Derek Filing Date :10/02/2011 (87) International Publication No 2)KENNEDY Frazer John :WO 2011/098815 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention provides an apparatus and method for use in the cleaning of soiled substrates the apparatus comprising: (a) housing means (1) having: (i) a first upper chamber having mounted therein a rotatably mounted cylindrical cage and (ii) a second lower chamber (3) located beneath the cylindrical cage; (b) at least one recirculation means (4); (c) access means (10); (d) pumping means (8); (e) a multiplicity of delivery means (6) wherein the rotatably mounted cylindrical cage comprises a drum (2) comprising perforated side walls wherein up to 60% of the surface area of the side walls comprises perforations and the perforations comprise holes having a diameter of no greater than 25.0 mm. The method involves cleaning the soiled substrate by treatment of the moistened substrate with a formulation comprising solid particulate cleaning material and wash water the method being carried out using the apparatus of the invention. The apparatus and method find particular application in the cleaning of textile fabrics.

No. of Pages: 44 No. of Claims: 66

(21) Application No.6919/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43)

(43) Publication Date: 14/02/2014

(54) Title of the invention : WIDEBAND TRANSMITTER/RECEIVER ARRANGEMENT FOR MULTIFUNCTIONAL RADAR AND COMMUNICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04B1/40,G01S7/03,H04B7/015 :NA :NA :NA	(71)Name of Applicant: 1)SAAB AB Address of Applicant: S 581 88 Linkping Sweden (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/SE2010/050183 :17/02/2010	1)HELLSTEN Hans
(87) International Publication No	:WO 2011/102762	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The object of the present invention is to provide an inventive wideband transmitter/receiver arrangement for transmitting and receiving electromagnetic waves wherein said transmitter/receiver arrangement comprises a digital arbitrary waveform generator AWG (1) connected to a transmitter (19). Said waveform generator (1) is configured to generate an arbitrary waveform within a given bandwidth. Said transmitter/receiver arrangement further comprises an antenna arrangement (5) configured to emit a transmitter signal (S1) and to receive an incident signal (S2) and a receiver configured to receive a receiver signal (S3). Said transmitter/receiver arrangement further comprises an analogue isolator (4) connected to said antenna arrangement (5) said transmitter (19) and said receiver. Said analogue isolator (4) is adapted to route said transmitter signal (S1) from said transmitter (19) to said antenna arrangement (5) and said incident signal (S2) from said antenna arrangement (5) to said receiver and to isolate said transmitter signal (S1) from said receiver signal (S3). Said receiver is adapted to cancel any residual transmitter signal in said receiver signal (S3) by means of at least one digital model (6 7 17) of at least said isolator (4) said antenna arrangement (5) and said transmitter (19).

No. of Pages: 42 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :30/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMPROVEMENTS IN TWO-STROKE ENGINES

(51) International classification	:B60S	(71)Name of Applicant :
(31) Priority Document No	:2009238281	1)Basil VAN ROOYEN
(32) Priority Date	:16/11/2009	Address of Applicant :18 Delaware Ave St Ives NSW 2075
(33) Name of priority country	:Australia	Australia
(86) International Application No	:PCT/AU2010/001524	(72)Name of Inventor:
Filing Date	:16/11/2010	1)Basil VAN ROOYEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4801/DELNP/2012 A

(57) Abstract:

A two-stroke internal combustion engine which includes at least one set of paired first and second cylinders. The engine includes an air or air/fuel mixture inlet conduit bifurcated into inlet passages extending to respective first and second inlet ports of the first and second cylinders. A valve controls the passage of air or air/fuel mixture into the inlet passages. In one embodiment of the engine a bypass passage provided with a bypass valve extends between the inlet ports of the paired cylinders.

No. of Pages: 40 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.4802/DELNP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: A PLUG AND SOCKET

(51) International classification	:H01R	(71)Name of Applicant:
(31) Priority Document No	:0919157.8	1)FIBREPOINT LIMITED
(32) Priority Date	:31/10/2009	Address of Applicant :116 Preston Road Yeovil Somerset
(33) Name of priority country	:U.K.	BA20 2DY UNITED KINGDOM
(86) International Application No	:PCT/GB2010/002015	(72)Name of Inventor:
Filing Date	:01/11/2010	1)Raymond John PETO
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a plug (100) which is adapted to be connected to a cable such as an Ethernet cable the plug (100) having a generally rectangular cross section and being dimensioned and arranged to be received by an aperture in a socket. On opposite lateral faces of the plug a region or layer of conductive material (24 26) is provided for the transmission of electrical current to/from the cable. Use of the invention therefore permits cabling that has conventionally been used to supply data to also supply power typically in excess of 200 Watts or so. Such amounts of power are sufficient for operating most equipment that also requires a data connection.

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

(22) Date of filing of Application :30/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RISK FACTORS AND PREDICTION OF MYOCARDIAL INFARCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N :61/261,155 :13/11/2009 :U.S.A. :PCT/US2010/056711 :15/11/2010 : NA :NA :NA	(71)Name of Applicant: 1)BG MEDICINE INC. Address of Applicant:610N Lincoln Street Waltham MA 02451 UNITED STATES OF AMERICA (72)Name of Inventor: 1)ADOURIAN Aram S. 2)GUO Yu 3)LI Xiaohong 4)MUNTENDAM Pieter
(62) Divisional to Application Number Filing Date	:NA :NA	
7 11119 2 414	11 (12	

(57) Abstract:

Biomarkers and methods are disclosed for diagnosing the risk of a myocardial infarction in an individual by measuring the levels of a set of biomarkers in a sample from an individual. A risk score is calculated for the individual by weighting the measured levels of the biomarkers. The risk score then is used to identify whether the individual is likely to experience a myocardial infarction. In addition kits are disclosed that include a set of reagents for specifically measuring biomarker levels in a sample from an individual.

No. of Pages: 95 No. of Claims: 29

(22) Date of filing of Application :30/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ACTIVITY GENERATING DELIVERY MOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C :61/258,115 :04/11/2009 :U.S.A. :PCT/US2010/055516 :04/11/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)MARINA BIOTECH INC. Address of Applicant: Marina Biotech INC. 3830 Monte Villa Parkway Bothell Washington 98021 U.S.A. (72)Name of Inventor: 1)FAM Renata 2)ADAMI Roger C. 3)FOSNAUGH Kathy L. 4)HARVIE Pierrot 5)JOHNS Rachel E. 6)SETH Shaguna 7)HOUSTON JR. Michael E. 8)TEMPLIN Michael V.
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(57) Abstract:

Activity-generating delivery molecules comprising the structure R3 (C=O) Xaa NH R4 wherein Xaa is any D or L amino acid residue with a non-hydrogen substituted or unsubstituted side chain R3 (C=O) and NH R4 are independently a long chain group each long chain group containing one or more carbon-carbon double bonds and salts compositions and methods of use thereof. The activity-generating delivery compounds and compositions are useful for generating activity of an active agent in a cell tissue or subject.

No. of Pages: 78 No. of Claims: 29

(21) Application No.2051/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WEATHER DATA SELECTION RELATIVE TO AN AIRCRAFT TRAJECTORY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08G :13/173,156 :30/06/2011 :U.S.A. :NA :NA	Address of Applicant :1 River Road Schenectady New York 12345 U.S.A. (72)Name of Inventor: 1)SAGGIO III Frank
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)BLANCO Ana Isabel Del Amo
Filing Date	:NA	

(57) Abstract:

A method of providing weather information for an aircraft trajectory to a flight management system (FMS) includes selecting a unique subset of temperature data points (206) from weather data points (202) along an aircraft trajectory and sending corresponding weather data points to the FMS.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BULB WITH SENSING FUNCTION AND CAMERA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N :100129309 :17/08/2011 :Taiwan :NA	, F
Filing Date	:NA	1)Kaipo CHEN
(87) 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 bulb comprises a lower case a circuit board an upper case a sleeve a sensor cap and a camera. The lower case is provided with an electrical contact portion at a bottom thereof. The circuit board is mounted within the lower case and provided with a plurality of light emitting elements and an infrared sensor. The upper case is mounted on an upper edge of the lower case and defines an opening at a center thereof. The sleeve is mounted to the lower case and fitted with the opening of the upper case. The sensor cap is mounted on top of the sleeve. The camera is located adjacent to the infrared sensor. Thereby when an infrared source enters the sensing scope of the infrared sensor the camera can be triggered to take images and the light emitting elements can be turned on to perform illumination.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CAMERA UNIT FOR GRAIN SORTER GRAIN SORTER INCLUDING THE SAME AND METHOD OF SORTING DEFECTIVE GRAIN

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:10-2011- 0080653	1)A-MECS CO. LTD. Address of Applicant :Rm. 802 4Ba Sihwa Industrial
(32) Priority Date	:12/08/2011	Complex 732-1 Seonggok-dong Danwon-gu Ansan-si
(33) Name of priority country	:Republic of Korea	Gyeonggi-do 425-836 Republic of Korea (72)Name of Inventor:
(86) International Application No	:NA	1)SHIN Seok Ho
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 camera unit for a grain sorter including at least one foreground lighting unit for irradiating illumination light and facing a first point on a movement path of objects to be sorted including a non-defective object having a predetermined first color and a defective object having a predetermined second color! at least one background lighting unit for irradiating background light having a color corresponding to a color complementary to the second color and at least one camera disposed facing the first point at an opposite side of the at least one background lighting unit from the first point.

No. of Pages: 30 No. of Claims: 12

(21) Application No.6920/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ADHERENT DEPILATORY ARTICLE

(51) International classification :A61K8/02,A61K8/73,A61Q9/04 (71)Name of Applicant:

(31) Priority Document No :61/305197 (32) Priority Date :17/02/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/025145

No :17/02/2011 Filing Date

(87) International Publication No:WO 2011/103229

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor: 1)SMITH Paul James

2)FLETCHER Jamie Anthony

3)DRING Neil Charles 4)SAGEL Paul Albert 5)PASSI Rajeev Kumar 6)MITRA Shekhar

7) BROYLES Norman Scott

(57) Abstract:

A depilatory article comprising a substrate at least partially coated with a depilatory composition the coating of depilatory composition forming a coated region of the depilatory article wherein the depilatory composition comprises carrageenan preferably iota carrageenan

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

(21) Application No.6921/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: EFFECTIVE DEPILATORY ARTICLE

(51) International classification :A61K8/02,A61K8/25,A61K8/46 (71)Name of Applicant:

:17/02/2011

(31) Priority Document No :61/305247 (32) Priority Date :17/02/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/025149 No

Filing Date

(87) International Publication No:WO 2011/103233

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

:NA Number :NA

Filing Date

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor: 1)SMITH Paul James

2)FLETCHER Jamie Anthony 3)WATTS Graeme William 4)DRING Neil Charles 5)SAGEL Paul Albert 6)PASSI Rajeev Kumar

7)MITRA Shekhar

(57) Abstract:

A depilatory article comprising a substrate and an aqueous depilatory composition the aqueous depilatory composition being in physical contact with the substrate forming a coated area of the substrate and comprising a thioglycolate salt and a silicate.

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

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONSTRUCTION MACHINE WITH OIL-COOLED GENERATOR

(51) International classification	:E01C	(71)Name of Applicant :
(31) Priority Document No	:11 007	1)Joseph Vgele AG
(31) Thomas Bocument 140	087.7	Address of Applicant :Joseph-Voegele-Strasse 1 67067
(32) Priority Date	:31/08/2011	Ludwigshafen/Rhein Germany.
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)Martin BUSCHMANN
Filing Date	:NA	2)Michael DIESNER
(87) International Publication No	: NA	3)Philipp STUMPF
(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 construction machine (1) with an electric generator (10) whereby the construction machine (1) can be a road paver in particular. The construction machine (1) comprises a hydraulic oil system (11) for hydraulic functions whereby the hydraulic oil system (11) is provided for cooling the generator (10).

No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMOPLASTIC POLYURETHANE FOR PRINTING BLANKETS

(51) International classification	:B41N 10/04	(71)Name of Applicant :
(31) Priority Document No	:61/293,825	1)LUBRIZOL ADVANCED MATERIALS INC
(32) Priority Date	:11/01/2010	Address of Applicant:9911 Brecksville Road Cleveland OH
(33) Name of priority country	:U.S.A.	44141-3247 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/020723	(72)Name of Inventor:
Filing Date	:11/01/2011	1)DONALD A MELTZER
(87) International Publication No	: NA	2)JOSEPH J VONTORCIK JR
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an offset printing blanket (10) or sleeve including one or more layers that are made with a soft thermoplastic polyurethane composition that provides excellent compression set and excellent resistance to apolar solvents, such as naphthenic mineral spirits. The subject invention more specifically reveals a printing blanket comprising: a base layer (12); a compressible layer (15), and a printing surface layer (18), wherein the compressible layer and/or the printing surface layer comprises a thermoplastic polyurethane composition, wherein the thermoplastic polyurethane composition made by reacting (a) at least one polyester polyol intermediate with (b) at least one diisocyanate and (c) at least one chain extender; wherein the polyester polyol intermediate comprises an intermediate derived from at least one dialkylene glycol and at least one dicarboxylic acid or an ester or anhydride thereof. It is particularly beneficial to utilize the thermoplastic polyurethane composition in the printing surface layer.

No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMAGE PROCESSING DEVICE IMAGE PROCESSING METHOD AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N 13/04 :2010-029239 :12/02/2010 :Japan :PCT/JP2011/050042 :05/01/2011 : NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan Minato-ku Tokyo Japan (72)Name of Inventor: 1)SEIJI KOBAYASHI
- 14 4-	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a method and a device that perform parallax control of a left image and a right image applied to a three-dimensional image display. The device has a left-image conversion unit that generates a left-image converted image by changing in the left direction or the right direction the phase of the image signal of the left image for presenting to the left eye, and a right-image conversion unit that generates a right-image converted image by changing in the left direction or the right direction the phase of the image signal of the right image for presenting to the right eye. Each image conversion unit generates a differentiated signal to which have been applied differentiated filter coefficients of a coefficient sequence that is the inverse with respect to, for example, an input image, and generates a conversion signal that controls parallax by means of a synthesizing process that adds either said differentiated signal or a non-linear signal of the differentiated signal to the original image signal. Through this process, the shrinking, magnifying, etc. processing of a parallax range is achieved.

No. of Pages: 146 No. of Claims: 12

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOISE REDUCTION IN A TURBOMACHINE, AND A RELATED METHOD THEREOF

(-) - 1	1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)RAMAKRISHNAN, KISHORE
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(57) Abstract:

An apparatus includes a first set of blades and a second set of blades disposed downstream relative to the first set of blades. The first set of blades includes a first subset of blades, wherein each blade among the first subset of blades comprises one or more first geometric parameters. The second set of blades includes a second subset of blades, wherein each blade among the second subset of blades comprises one or more second geometric parameters different from the one or more first geometric parameters.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : RHODACYANINE DERIVATIVE AND PHARMACEUTICAL COMPOSITION FOR TREATING LEISHMANIASIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :2009-251292 :13/10/2009 :Japan :PCT/JP2010/067994 :06/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)FUJIFILM Corporation Address of Applicant: 26-30 Nishiazabu 2-chome Minato-ku Tokyo 106-8620 JAPAN 2)HOSHI UNIVERSITY (72)Name of Inventor: 1)IHARA Masataka 2)ITOH Isamu
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(57) Abstract:

A rhodacyanine derivative represented by the following General Formula (1) wherein in General Formula (1) R1 R2 and R3 each independently represent an alkyl group which may be substituted; Y1 and Y2 each independently represent a hydrogen atom a chlorine atom or a fluorine atom provided that Y1 and Y2 do not represent hydrogen atoms at the same time; and X represents a counter anion. A pharmaceutical composition for treating leishmaniasis including the rhodacyanine derivative and a pharmaceutically acceptable carrier.

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

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.3886/DELNP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: OFFICE CHAIR

(51) International classification	:A47C	(71)Name of Applicant:
(31) Priority Document No	:GM 637/2009	1)Walter SCHINDLEGGER
(32) Priority Date	:14/10/2009	Address of Applicant :Treffling 144 A-3353 Seitenstetten
(33) Name of priority country	:Austria	Austria.
(86) International Application No	:PCT/AT2010/000385	(72)Name of Inventor:
Filing Date	:11/10/2010	1)Walter SCHINDLEGGER
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1121	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an office chair having a foot part (8) and having a lying function comprising gripper jaws (10) at the free end of the foot part (8) for gently holding the feet in position. The foot part (8) can be pivoted up the connected seat surface (6) can be moved toward a vertical plane by means of a cam control and the backrest (7) can be moved toward a horizontal plane. The distance of the gripper jaws (10) from the seat surface (6) can preferably be increased by means of a motor (12) having an electric spindle drive. As soon as the foot part (8) pivots up beyond the horizontal plane toward a vertical plane the gripper jaws (10) can be raised such that stretching forces act on the spinal column of a person.

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

(21) Application No.4149/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED MEDICINAL AEROSOL FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)JAGOTEC AG Address of Applicant: Eptingerstrasse 61 4132 Muttenz SWITZERLAND (72)Name of Inventor: 1)MUELLER-WALZ Rudi 2)FUEG Lise-Marie
Filing Date	:NA	

(57) Abstract:

The present invention provides a medicinal aerosol suspension formulation for MDl administration comprising: a) micronised paagonist; b) micronised corticosteroid; c) a siib-therapexrtic quantity of a moisture-scavenger excipient; and d) a HFA propellaÏt; wherein (a) (b) and (c) and their respective relative amounts are selected such that they associate to form floccules having a density substantially the same as that of the HFA propellant.

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

(21) Application No.6838/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: RELEASE SHEET MATERIAL

(51) International

:C08L23/02,C08L23/06,C08L23/08 classification

(31) Priority Document No :61/304898 (32) Priority Date :16/02/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/025026

No :16/02/2011 Filing Date

(87) International Publication :WO 2011/103149

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant : One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor: 1)TORO Carlo

2)BROYLES Norman 3)POMPEI Enzo 4)SALONE Fiorello 5)SIMONYAN Arsen

6)WNUK Andrew Julian

Release sheet materials for use as packaging material for individually packaged disposable absorbent articles typically sanitary napkins and the like and release compositions to be used in said release sheet materials.

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

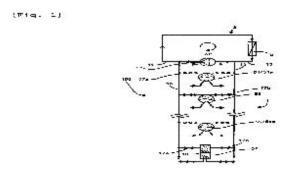
(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MEDICAL FUNCTIONAL UNIT TREATMENT DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M 1/16 :10 2010 007 464.0 :10/02/2010 :Germany :PCT/EP2011/000599 :09/02/2011 :WO 2011/098265 :NA :NA :NA	(71)Name of Applicant: 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant: Else Kroener Strasse 1 61352 Bad Homburg Germany (72)Name of Inventor: 1)HEIDE Alexander 2)KLEWINGHAUS J ¹ / ₄ rgen 3)PARTENFELDER Robin 4)PETERS Arne 5)WIKTOR Christoph
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(57) Abstract:

The invention relates to a medical functional unit comprising at least one first fluid system (1) for receiving at least one medical fluid at least one first delivery unit (51 51a 53 55 55a 57) for delivering the medical fluid at least one second fluid system (3) for receiving at least one working fluid and at least one second delivery unit (7) for driving the at least one first delivery unit (51 51a 53 55 55a 57) wherein the first delivery unit (51 51a 53 55 55a 57) is arranged to be actuated by means of the working fluid. The invention further relates to a treatment device and to a method.



No. of Pages: 40 No. of Claims: 25

(21) Application No.6840/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: NITRILE COPOLYMER RUBBER COMPOSITION FOR HOSE AND CROSSLINKED MATERIAL

(51) International classification	:C08L 9/02	(71)Name of Applicant:
(31) Priority Document No	:2010-060826	1)Zeon Corporation
(32) Priority Date	:17/03/2010	Address of Applicant :6-2 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 100-8246 JAPAN
(86) International Application No	:PCT/JP2011/056010	(72)Name of Inventor:
Filing Date	:15/03/2011	1)TSUKADA Akira
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4		

(57) Abstract:

A nitrile copolymer rubber composition for hose use is provided containing a nitrile copolymer rubber (A) which has $\hat{l}\pm\hat{l}^2$ -ethylenically unsaturated nitrile monomer units in 20 to 80 an inorganic filler (B) with an aspect ratio of 30 to 2 000 a coupling agent (C) and a glycol compound (D) wherein the ratio of the coupling agent (C) is 0.05 to 15 parts by weight and the ratio of said glycol compound (D) is 0.05 to 15 parts by weight with respect to 100 parts by weight of the nitrile copolymer rubber (A).

No. of Pages: 36 No. of Claims: 12

(21) Application No.6849/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CHLOROTOXIN POLYPEPTIDES AND CONJUGATES AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K38/16 :61/301615 :04/02/2010 :U.S.A. :PCT/US2011/023823 :04/02/2011 :WO 2011/097533 :NA :NA :NA	(71)Name of Applicant: 1)MORPHOTEK INC. Address of Applicant: 210 Welsh Pool Road Exton PA 19341 U.S.A. (72)Name of Inventor: 1)SENTISSI Abdellah 2)JACOBY Douglas B.
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(57) Abstract:

Reduced lysine chlorotoxin polypeptides that may be used to generate single species conjugates of chlorotoxin. Conjugates comprising such chlorotoxin polypeptides and pharmaceutical compositions thereof. Methods of using such compositions and/or conjugates.

No. of Pages: 93 No. of Claims: 48

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ELECTROACTIVE POLYMER ACTUATOR HAPTIC GRIP ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 1/00 :61/301,177 :03/02/2010 :U.S.A. :PCT/US2011/000196 :03/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred-Nobel-Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)ILYA POLYAKOV 2)ALIREZA ZARRABI 3)ROGER HITCHCOCK 4)XINA QUAN 5)CHRIS A. WEABER
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(57) Abstract:

The present invention provides a housing to allow for removable coupling of an electroactive polymer transducer with an electronic media device, where the housing produces an improved haptic effect in the electronic media device.

No. of Pages: 63 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MECHANICAL COOLANT PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/02/2010 : NA :NA :NA	(71)Name of Applicant: 1)PIERBURG PUMP TECHNOLOGY GMBH Address of Applicant: Alfred-Pierburg-Strae 1 41460 Neuss Germany (72)Name of Inventor: 1)JEAN-MICHEL DURAND 2)ACHIM BR-MMEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.6736/DELNP/2012 A

(57) Abstract:

The present invention refers to a mechanical coolant pump 10 for an internal combustion engine. The mechanical coolant pump 10 comprises a stationary main pump body 12 and a pump wheel 14 rotatably supported by the main pump body 12, whereby the pump wheel 14, i.e. an impeller which comprises a base disk 36 and a valve disk 18, is provided with a central axial inlet opening 16 and the pump wheel 14 pumps the coolant from the inlet opening 16 radially outwardly. The pump wheel 14 is provided with an axially shiftable valve disk 18 being actuated by an actuator 38 and closing the axial inlet opening 16 in the closed position of the valve disk 18, i.e. the distal valve disk position. In the open valve disk position, the valve disk 18 is positioned at the proximal axial end of the pump wheel 14.

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLAR PHOTOVOLTAIC SYSTEM

(51) International classification (31) Priority Document No	:H01L31/04,G05F1/67,H02M7/48 :2010031126	(71)Name of Applicant: 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.
(32) Priority Date	:16/02/2010	LTD.
(33) Name of priority country	:Japan	Address of Applicant :3 Kanda Neribei cho Chiyoda ku Tokyo
(86) International Application No Filing Date (87) International Publication	:PCT/JP2010/072882 :20/12/2010	1010022 Japan (72)Name of Inventor: 1)OSAKO Kazuyoshi 2)SATO Yoshiaki
No	:WO 2011/102051	2)61110 106114111
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Adoption of solar photovoltaic power generator systems has increased in recent years as awareness of the importance of protecting the environment grows and it has become necessary to search out output maxima rapidly and accurately. Disclosed is a solar photovoltaic power system capable of tracking maxima at high speed and searching for maxima with improved accuracy. The system comprises solar panels and a power conditioner that searches for output maxima of generated power that is outputted from the solar panels and supplies same to a power system by controlling either the voltage or the current of the generated power as an operating value according to the characteristics of the solar panels. The power conditioner further comprises a data memory unit that stores a plurality of operating values by way of the fluctuation control and a plurality of patterns of the generated power from the solar panels that are based on the operating values; and a maxima tracking unit that adds new operating values to some operating values when running past searches on the basis of the patterns of the generated power from the solar panels of the past searches and computes next search operating values. When the deviation of the plurality of generated power that is outputted by the searching by the maxima tracking unit is less than or equal to a prescribed value such will be treated as the maximum value.

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

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR DISINFECTING GASSES AND/OR LIQUIDS

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)SCHOTT AG
(31) I Hority Document No	112 994.8	Address of Applicant :HATTENBERGSTRASSE 10, 55122
(32) Priority Date	:08/09/2011	MAINZ (DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)BLECHSCHMIDT, JORG
Filing Date	:NA	2)BARTSCH, REINER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for disinfecting of gasses and/or liquids, comprising a tube of UV-transparent glass (10) having a hollow interior space (40) and a tube wall with a tube inside wall (70) and a tube outside wall (60), as well as at least one UV-light source (20a, 20b, 20c...), whereby the UV-transparent glass tube (10) has an indentation (25a, 25b, 25c...) extending into the interior space (40) on at least one location and in the at least one indentation (25a, 25b, 25c|) at least one UV-light source (20a, 20b, 20c|) is arranged. The geometry according to the invention causes the UV-light sources to be closer to the medium to be disinfected, so that a large portion of the UV-light reaches the interior space (40) on a direct path through the glass, thus allowing for a low-loss transfer of the UV-light. The result is better exploitation of the UV-radiation. Thanks to the geometry provided by the invention a more homogeneous light distribution in the interior space of the tube is furthermore achieved, thereby increasing the disinfection efficiency. Moreover, a highly compact system is made available by the arrangement according to the invention.

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

(21) Application No.2632/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VEHICLE DOOR LATCH DEVICE

(51) International classification	:E05C	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)MITSUI KINZOKU ACT CORPORATION
(31) I Hority Document No	188943	Address of Applicant :48, KAMOME-CHO, NAKA-KU,
(32) Priority Date	:31/08/2011	YOKOHAMA-SHI, KANAGAWA, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOKOTA YOSHIAKI
Filing Date	:NA	2)KATAGAWA MINETAKA
(87) 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 vehicle door latch device comprises a base member having a striker-engagement groove which a striker of a vehicle body enters; a latch pivotally mounted to the base member and engagable with the striker; a ratchet pivotally mounted to the base member to engage with the latch to prevent the latch from turning; a latch-detecting switch detecting a turning position of the latch; and a terminal block in which a latch conductive plate is formed by insert molding. The terminal block has a holding portion for the latch-detecting switch without coupling means. The latch conductive plate has a connecting terminal exposed in the holding portion and electrically connected to the latch detecting switch.

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

(21) Application No.551/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ISOLATION AND PURIFICATION OF PICROSIDE-I AND PICROSIDE-II

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYPEE UNIVERSITY OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :WAKNAGHAT, P.O. DUMEHAR
(86) International Application No	:NA	BANI, KANDAGHAT, DISTT. SOLAN - Himachal Pradesh
Filing Date	:NA	India
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HEMANT SOOD
Filing Date	:NA	2)VARUN KUMAR
(62) Divisional to Application Number	:NA	3)RAJINDER SINGH CHAUHAN
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to process for isolation and purification of Picroside -I and Picroside -II from Picrorhiza plant spp. by reverse phase chromatography.

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

(22) Date of filing of Application :30/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PARTICULATE PREPARATION AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)NITTO DENKO CORPORATION
(31) Thomas Document No	123721	Address of Applicant :1-2 Shimohozumi 1-chome Ibaraki-
(32) Priority Date	:01/06/2011	shi OSAKA 567-8680 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Tatsuya Konishi
Filing Date	:NA	2)Daisuke Asari
(87) International Publication No	: NA	3)Takuya Shishido
(61) Patent of Addition to Application Number	:NA	4)Arimichi Okazaki
Filing Date	:NA	5)Mitsuhiko Hori
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention aims to provide a particulate formulation with an effectively controlled dissolution characteristic of a drug even if the average particle diameter is small. The present invention provides a particulate formulation containing drug particles and a first coating layer coating the drug particles and characterized in that the first coating layer contains a water-insoluble polymer inorganic particles and/or a lipid component and the lipid component contains a C15 or higher fatty acid.

No. of Pages: 57 No. of Claims: 20

(22) Date of filing of Application :21/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A METHOD FOR CONTROLLING AN ENGINE STOP-START SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60H :1115820.1 :13/09/2011 :U.K.	(71)Name of Applicant: 1)FORD GLOBAL TECHNOLOGIES, LLC Address of Applicant: SUITE 800 FAIRLANE PLAZA SOUTH, 330, TOWN CENTER DRIVE, DEARBORN
(86) International Application No Filing Date	:NA :NA	MICHIGAN 48126 UNITED STATES OF AMERICA (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)NORTON, JEREMY 2)BURGIN, STEVE
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method for controlling the operation of an engine stop-start system is disclosed in which, if the time taken to start an engine 10 controlled by the engine stop-start system exceeds a predefined limit, operation of the engine stop-start system is inhibited so that normal stop-start operation does not occur during at least the current drive cycle. This prevents excessive use of a starting system for the engine 10 which can result in premature failure of the starting system and also reduces negative reactions from a user of the motor vehicle 5 due to the sluggish starting.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PACKAGING RELATED PROCESS SYSTEM & APPARATUS

(51) International classification	:B23C	(71)Name of Applicant :
(31) Priority Document No	:12/604,748	1)FRITO-LAY NORTH AMERICA INC.
(32) Priority Date	:23/10/2009	Address of Applicant :7701 Legacy Drive Plano TX 75024-
(33) Name of priority country	:U.S.A.	4099 U.S.A.
(86) International Application No	:PCT/US2010/053928	(72)Name of Inventor:
Filing Date	:25/10/2010	1)BIERSCHENK Patrick J.
(87) International Publication No	: NA	2)BRENKUS Frank M.
(61) Patent of Addition to Application	:NA	3)MELANSON Amelinda
Number	:NA	4)REAVES Jerry M.
Filing Date	.11/1	5)KRAUSE Leon J.
(62) Divisional to Application Number	:NA	6)GUST Ronald M.
Filing Date	:NA	

(57) Abstract:

A method for compacting a slug of product and apparatus for accomplishing the same. The invention describes collecting weighed product in an intermediate settling device to form a compact slug of product. The device can comprise a single settling chamber or can comprise multiple settling chambers which are axially rotatable. The slug can be compacted by jostling and/or vibrating the settling device. Thereafter the product is discharged to a packaging apparatus. Because the product in the final package is denser a smaller package can be utilized reducing manufacturing and shipping costs.

No. of Pages: 56 No. of Claims: 9

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : BELT CONVEYORS AND METHODS FOR CONVEYED PRODUCTS UNDERGOING A THERMAL TREATMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B68B :61/251,423 :14/10/2009 :U.S.A. :PCT/US2010/052156	(71)Name of Applicant: 1)LAITRAM L.L.C. Address of Applicant: Legal Department 200 Laitram Lane Harahan Louisiana 70123 UNITED STATES OF AMERICA (72)Name of Inventor:
Filing Date	:11/10/2010	1)David W. BOGLE
(87) International Publication No	: NA	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

An environmentally controlled conveyor system including a sensor-instrumented conveyor belt conveying products continuously through a thermal-treatment process and a method for determining the instantaneous position of the sensors. Temperature or other sensors are embedded in the conveyor belt across its width and along its length to advance with the product through the thermal-treatment process such as through a pasteurizer tunnel. The sensor measurements are transmitted wirelessly from the belt to a remote system controller for monitoring or controlling the system. Data from sensors measuring environmental or belt conditions are used to determine the instantaneous positions of the sensors to coordinate the sensor data with sensor position.

No. of Pages: 21 No. of Claims: 44

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: STAGED BLOWDOWN OF ADSORBENT BED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		(71)Name of Applicant: 1)LUMMUS TECHNOLOGY INC. Address of Applicant: 1515 Broad Street Bloomfield NJ 07003 UNITED STATES OF AMERICA (72)Name of Inventor: 1)FRANKLIN DLOMAX
. ,		
\ / J	:05/05/2010	Address of Applicant :1515 Broad Street Bloomfield NJ
` ' 1	:U.S.A.	07003 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/034253	(72)Name of Inventor:
Filing Date	:28/04/2011	1)FRANKLIN D LOMAX
(87) International Publication No	: NA	2)RICHARD S TODD
(61) Patent of Addition to Application	:NA	3)Brian A ZAKRAJSEK
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

A pressure swing adsorption (PSA) system using two or more valves for controlling the flow of gases entering or exiting a bed of adsorbents is disclosed, where the two or more valves are opened sequentially (i.e., in at least two actions separated by a delay in time). The sequential opening of the valves may increase the degree to which adsorbed species are purged from the bed, and also facilitates more rapid execution of certain time steps of the PSA cycle, thus increasing adsorbent productivity The sequential opening of the valves may also allow for verification of valve operation by measuring either the absolute value, the slope (derivative) or the rate of change of derivative of the pressure, either in the adsorbent bed, in the downstream manifold, or in a volume of gas held in a buffer vessel.

No. of Pages: 52 No. of Claims: 51

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLUID ACTUATED VALVE AND INSTALLATION TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16K :61/279,552 :22/10/2009 :U.S.A. :PCT/US2010/053684 :22/10/2010 : NA	(71)Name of Applicant: 1)LIM TECHNOLOGY LLC Address of Applicant: 150 Blades Lane Suite R Glen Burnie MD 21060 U.S.A. (72)Name of Inventor: 1)Jeffrey F. KLEIN 2)Konstantin MIKHAILOV
		' •
(87) International Publication No	: NA	2)Konstantin MIKHAILOV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fast-action direct-fluid (gas or liquid) actuated valve assembly including a valve housing having an internal fluid port defined by a larger chamber and a smaller chamber separated by a shoulder a valve body seated in the valve housing and defined by a plurality of ports evenly spaced circumferentially around its circumference adjacent to an endplate seatable in the housing a plurality of supporting wall sections (mullions) between the ports and a plurality of internal vanes 9 each running along a corresponding mullion providing reinforcement thereof....

No. of Pages: 25 No. of Claims: 19

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CONTROL AND OPTIMIZATION SYSTEM AND METHOD FOR CHEMICAL LOOPING PROCESSES

(51) International classification :C01B3/56,C01B3/10,C10J3/00 (71)Name of Applicant : (31) Priority Document No 1)ALSTOM TECHNOLOGY LTD :61/299590 (32) Priority Date Address of Applicant :Brown Boveri Strasse 7 5400 Baden :29/01/2010 (33) Name of priority country Switzerland :U.S.A. (86) International Application No: PCT/US2011/022882 (72)Name of Inventor: Filing Date :28/01/2011 1)LOU Xinsheng (87) International Publication No :WO 2011/094512 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A control system for optimizing a chemical loop system includes one or more sensors for measuring one or more parameters in a chemical loop. The sensors are disposed on or in a conduit positioned in the chemical loop. The sensors generate one or more data signals representative of an amount of solids in the conduit. The control system includes a data acquisition system in communication with the sensors and a controller in communication with the data acquisition system. The data acquisition system receives the data signals and the controller generates the control signals. The controller is in communication with one or more valves positioned in the chemical loop. The valves are configured to regulate a flow of the solids through the chemical loop.

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

(21) Application No.6907/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: HEAT TRANSFER COMPOSITIONS

(51) International classification :C09K3/30,C09K5/04,A23L1/00 (71)Name of Applicant :

(31) Priority Document No :1002617.7 (32) Priority Date :16/02/2010

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

(86) International Application No:PCT/GB2011/000202

Filing Date :14/02/2011 (87) International Publication No: WO 2011/101622

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

:NA Number :NA Filing Date

1)MEXICHEM AMANCO HOLDING S.A. DE C.V.

Address of Applicant : Rio San Javier No. 10 Fraccionamiento Viveros del Rio Tlalnepantla Estado de Mexico c.p. 54060

Mexico

(72)Name of Inventor:

1)LOW Robert E.

(57) Abstract:

The invention provides a heat transfer composition consisting essentially of from about 60 to about 85 % by weight of 1 3 3 3 tetrafluoropropene (R 1234ze(E)) and from about 15 to about 40 % by weight of fluoroethane (R 161). The invention also provides a heat transfer composition comprising R 1234ze(E) R 161 and 1 1 1 2 tetrafluoroethane (R 134a).

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

(22) Date of filing of Application: 07/08/2012 (43) Publication Date: 14/02/2014

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

(51) International :C07D413/12,C07D413/14,C07D453/04 classification

(31) Priority Document :10250336.4

(32) Priority Date :25/02/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/051513 Application No

:03/02/2011 Filing Date

(87) International :WO 2011/104089

Publication No

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

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

(71)Name of Applicant:

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel

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2)SYNGENTA LIMITED

(72)Name of Inventor:

1)MULHOLLAND Nicholas Phillip

2)GODINEAU Edouard

3)CASSAYRE Jr'me Yves

4)RENOLD Peter 5)EL QACEMI Myriem

6) REVOL Guillaume

(57) Abstract:

The present invention relates to processes for the preparation of compounds of formula IB wherein A A A A L Y Y R R R R and R are as defined in the claims comprising reacting a compound of formula (II) wherein YYLAARRR and R are as defined for the compound of formula (I); with hydroxylamine in the presence of water a base and a chiral phase transfer catalyst which chiral phase transfer catalyst is a quinine derivative. The invention also relates to compounds of formula IB and enantiomerically enriched mixtures comprising compounds of formula IB.

No. of Pages: 122 No. of Claims: 27

(22) Date of filing of Application :06/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE PORTABLE DEVICE AND INFORMATION PROCESSING SYSTEM

(51) International classification :G06F17/21,G06F17/30,G10L15/00

(31) Priority Document No :2010033982 (32) Priority Date :18/02/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/052446

No Filing Date :1C1/31 201

(87) International Publication :WO 2011/102246

(61) Patent of Addition to

Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)NIKON CORPORATION

Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku

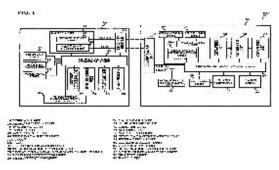
Tokyo 1008331 Japan (72)Name of Inventor:
1)HOSHUYAMA Hideo
2)AKIYA Hiroyuki
3)UMEYAMA Kazuya

4)NITTA Keiichi 5)UWAI Hiroki

6)SEKIGUCHI Masakazu

(57) Abstract:

In order to achieve improved usability with consideration given to security disclosed is an information processing device provided with an input unit to which information is inputted an extraction unit which extracts a predetermined word from the information inputted to the input unit a classification unit which classifies the word extracted by the extraction unit as a first word or a second word and a conversion unit which converts the first word by a first conversion method and converts the second word by a second conversion method different from the first conversion method.



No. of Pages: 81 No. of Claims: 67

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CLOSURE CAP FOR A RECEPTACLE FOR RECEIVING MEDICAL LIQUIDS AND RECEPTACLE

:A61J 1/14	(71)Name of Applicant:
· · · · · · · · · · · · · · · · · · ·	1)FRESENIUS KABI DEUTSCHLAND GMBH
:16/02/2010	Address of Applicant :Else-Kroner-Strasse 1 61352 Bad
:U.S.A.	Homburg Germany
:PCT/EP2011/052190	(72)Name of Inventor:
:15/02/2011	1)ISMAEL RAHIMY
: NA	2)TORSTEN BRANDENBURGER
:NA :NA	
:NA	
	:61/304,831 :16/02/2010 :U.S.A. :PCT/EP2011/052190 :15/02/2011 : NA :NA :NA

(57) Abstract:

The invention relates to a closure cap for a receptacle for receiving medical liquids, and to a receptacle for medical liquids that has such a closure cap. The closure cap (1) according to the invention comprises a first connector (2) for needle-free injection of a medical liquid and a second connector (3) for needle-free withdrawal of a medical liquid, wherein the first connector (2) has an outwardly directed first connector part (4), with a conical recess (8) for sealingly receiving a conical stem (26) of a first device (28, 29) that is to be connected, and the second connector (3) has an outwardly directed second connector part (5), with a conical recess (9) for sealingly receiving a conical stem of a second device that is to be connected.

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SEALING WATER SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01C :102011075172.6 :03/05/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KRONES AG Address of Applicant: Bhmerwaldstr. 5 93073 Neutraubling GERMANY (72)Name of Inventor: 1)Dirk LEUTZ
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(21) Application No.1267/DEL/2012 A

(57) Abstract:

A sealing water system (S) for flushing at least one rotating mechanical seal (G) in at least one pump (P) with a supply pump (4) acting upon the respective rotating mechanical seal (G) with sealing water comprises a closed circuit (1) in which pumped sealing water for acting upon the respective rotating mechanical seal (G) can be collected and recirculated.

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

(21) Application No.1647/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MANUFACTURING METHOD OF OPTICAL FIBER BASE MATERIAL POSSESSING LOW REFRACTIVE INDEX PORTION DISTANTLY-POSITIONED FROM CORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C03B :2011- 125740 :03/06/2011 :Japan :NA :NA	(71)Name of Applicant: 1)Shin-Etsu Chemical Co. Ltd. Address of Applicant: 6-1 Ohtemachi 2-chome Chiyoda-ku Tokyo 100-0004 JAPAN (72)Name of Inventor: 1)Dai INOUE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method for manufacturing an optical fiber base material comprising manufacturing a soot deposition body having a core with a high refractive index at a center thereof using VAD or OVD; dehydrating the soot deposition body within a heating furnace with a temperature that does not vitrify the soot deposition body and in a helium atmosphere containing chlorine; after the dehydration forming a core rod by vitrifying the soot deposition body at a temperature that vitrifies the soot deposition body in a helium atmosphere; and applying cladding on the outside of the core rod. The helium atmosphere in the heating furnace when vitrifying the soot deposition body includes a gas containing a fluorine compound and concentration of the fluorine in the atmospheric gas is in a range of 0.1 mol% to 10 mol%.

No. of Pages: 15 No. of Claims: 3

(21) Application No.1824/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROAD PAVER WITH LAYER THICKNESS MEASURING DEVICE

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:11004888.1	1)Joseph Vgele AG
(32) Priority Date	:15/06/2011	Address of Applicant :Joseph-Vgele-Strae 1 67067
(33) Name of priority country	:EPO	Ludwigshafen/Rhein GERMANY
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dennis HANFLAND
(87) 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 road paver (1) with a layer thickness measuring device (2) which comprises a plurality of sensors (9) in order to measure a distance (10 11) to the subgrade (5) or to the road pavement (6). Characteristic is that the layer thickness measuring device (2) is mounted rotatably on the road paver (1) or on its screed (7) whereby the layer thickness measuring device (2) has an equilibrium position at a stipulated angle to the horizontal (H) that it retains or to which it returns even if the inclination of the road paver (1) or of the screed (7) to the horizontal (H) changes.

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

(21) Application No.4764/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SINTERED SLIDING MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C :2009-278052 :07/12/2009 :Japan :PCT/JP2010/071879 :07/12/2010 : NA :NA :NA	(71)Name of Applicant: 1)Diamet Corporation Address of Applicant: 1-1 Koganecho 3-chome Higashi-ku Niigata-shi Niigata 9508640 Japan (72)Name of Inventor: 1)ISHII Yoshinari 2)MARUYAMA Tsuneo 3)TAMURA Yoshiki
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(57) Abstract:

There is provided a novel sintered sliding member superior in thermal resistance corrosion resistance and wear resistance. The sintered sliding member of the present invention includes 7.7-30.3% Cu 2.0-20.0% Sn and 0.3-7.0% boron nitride by mass with a remainder composed of Ni and unavoidable impurities. The sintered sliding member may further include 0.1-3.0% C or 0.1-0.7% P. A porosity of the sintered sliding member is 5-25%.

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

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NEW CRYSTALLINE FORM OF A CYCLOPROPYL BENZAMIDE DERIVATIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D 295/192 :61/305,583 :18/02/2010 :U.S.A. :PCT/SE2011/050172 :17/02/2011 : NA :NA	(71)Name of Applicant: 1)ASTRAZENECA AB Address of Applicant: SE-151 85 Sdertlje Sweden (72)Name of Inventor: 1)MICHAEL A. UCZYNSKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a crystalline form of compound (I), 4-{(1S, 2S)-2-[(4-cyclobutylpiperazin-1-yl)carbonyl]-cyclopropyl}-benzamide, (I) pharmaceutical formulations containing said compound and to the use of said active compound in therapy.

No. of Pages: 43 No. of Claims: 18

(21) Application No.4524/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: URINE ABSORBING ARTICLE

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:2009-270167	1)LIVEDO CORPORATION
(32) Priority Date	:27/11/2009	Address of Applicant :45-2 Handaotsu Kanadacho
(33) Name of priority country	:Japan	Shikokuchuo-shi Ehime 7990122 Japan
(86) International Application No	:PCT/JP2010/006824	(72)Name of Inventor:
Filing Date	:22/11/2010	1)Hirofumi MIYAKE
(87) International Publication No	: NA	2)Akiko TATSUKAWA
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A urine receiving pad 1 has a substantially rectangular bag body 10. The bag body 10 has a side edge portion 16 extending in a lengthwise direction thereof and a top edge portion 15 connected to the side edge portion 16 and extending in a widthwise direction perpendicular to the lengthwise direction. In the side edge portion 16 an opening 10P opening in the widthwise direction is provided at the side edge portion 16a which is continuous with the top edge portion 15.

No. of Pages: 35 No. of Claims: 9

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GERMLINE STEM CELL BANKING SYSTEM

		(71)Name of Applicant: 1)PRIMEGEN BIOTECH LLC DBA REPROCYTE
(51) International classification	:C12N	Address of Applicant: 213 Technology Drive Irvine CA
(31) Priority Document No	:61/258,535	92618 UNITED STATES OF AMERICA
(32) Priority Date	:05/11/2009	2)CHOW Johnny Yung-chiong
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/055706	1)IZADYAR Fariborz
Filing Date	:05/11/2010	2)MARH Joel
(87) International Publication No	: NA	3)MAKI Chad
(61) Patent of Addition to Application	:NA	4)PACCHIAROTTI Jason
Number	:NA	5)RAMOS Thomas
Filing Date	.11/1	6)HOWERTON Kyle
(62) Divisional to Application Number	:NA	7)WONG Jadelind
Filing Date	:NA	8)OLMSTEAD Marnie
		9)CHOW Johnny Yung-chiong
		10)YUEN Constance

(57) Abstract:

Methods and systems are provided for the isolation characterization cryopreservation and banking of human germline stem cells and gonadal tissue. Also disclosed are methods for the transplanting of the cryopreserved cells to repopulate a sterile reproductive organ.

No. of Pages: 161 No. of Claims: 16

(21) Application No.4527/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DRUG COMBINATION WITH THEOBROMINE AND ITS USE IN THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/11/2010 : NA	(71)Name of Applicant: 1)BIOCOPEA LIMITED Address of Applicant: 100 Fetter Lane London Greater London EC4A 1BN UNITED KINGDOM (72)Name of Inventor: 1)BREW John 2)BANNISTER Robin Mark
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	: NA	2)BANNISTER Robin Mark
` '	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An agent comprises theobromine and another non-opiate antitussive for simultaneous sequential or separate use in therapy. Preferably the therapy is of cough.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ABRADABLE COMPOSITION AND METHOD OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K 3/10 :61/298,391 :26/01/2010 :U.S.A. :PCT/US2011/022445 :25/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SULZER METCO (US) INC Address of Applicant:1101 Prospect Avenue Westbury New York 11590 UNITED STATES OF AMERICA (72)Name of Inventor: 1)MITCHELL R. DORFMAN 2)CHRIS DAMBRA 3)WALTER PIETROWICZ 4)SCOTT WILSON 5)DANIEL GARCIA 6)PETR FIALA 7)ERIC KOZCULAB 8)DIETER RUDOLF SPORER 9)OMAR B. AL- SABOUNI 10)MONTIA C. NESTLER 11)ERIC J. RELENTS 12)GUSTAVO ARE VALO
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(57) Abstract:

A thermal spray powder having a first component A mechanically blended with a second component B, wherein the first component A is a metal or metal composite, preferably at least one of Ni -Cr- Al clad ABN, Ni-Cr-Al clad HBN, Ni-Cr-Al clad agglomerated hexagonal boron nitride powder with organic binder, Ni-Cr-Al agglomerated hexagonal boron nitride powder with inorganic binder, an MCrAlY type powder where M is at least one of Ni, Co, Fe, and wherein component B is a polymer clad with at least one of nickel, nickel alloys, nickel chrome alloys, nickel chrome alloys, nickel aluminum alloys, cobalt and cobalt alloys. The result is a thermal spray powder of four distinctly different phases making the powder a four-phase blend.

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF RIVAROXABAN AND INTERMEDIATES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 413/10 :10382001.5 :04/01/2010 :EPO :PCT/EP2011/050003 :03/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ENANTIA S.L. Address of Applicant: Parc Cientfic de Barcelona C/ Josep Samitier 1-5 E-08028 Barcelona Spain (72)Name of Inventor: 1)LLOREN; RAFECAS JAN‰ 2)ALEXANDER CHRISTIAN COMELY 3)ALESSANDRO FERRALI 4)CELIA AMELA CORT‰S 5)MIREIA PAST AGUIL
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(57) Abstract:

A process for the preparation of rivaroxaban, or a pharmaceutically acceptable salt thereof, or a solvate thereof, including a hydrate, comprising submitting an amine compound of formula (III) wherein R1 is a (C4-C10)-alkyl radical which is attached to the N atom by a tertiary C atom, first to an acylation reaction and then to a dealkylation reaction.

No. of Pages: 32 No. of Claims: 15

(21) Application No.6880/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR PRODUCING HIGH-STRENGTH COMPONENTS BY MEANS OF ADIABATIC BLANKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N 2/22 :10 2010 007 955.3 :12/02/2010 :Germany :PCT/EP2011/000575 :08/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrasse 20-30 51399 Burscheid Germany (72)Name of Inventor: 1)HANS-GEORG WERNER 2)BERND GROSS
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(57) Abstract:

The present invention relates to a method for producing a component of an adjustment device for vehicle seats, wherein, in a first step, a work piece is machined such that the work piece is harder in a first region than in a second region, and/or in that the work piece is of a larger geometrical size in a third region than in a fourth region, wherein, in a second step, the work piece is deformed in such a way that a tool is moved onto the work piece at a speed greater than 1 m/s.

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

(21) Application No.6879/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : USE OF SYNTHETIC POLYSULPHATED OLIGOSACCHARIDES AS CLEANING AGENTS FOR A WOUND

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K 31/70 :1051142 :17/02/2010 :France :PCT/FR2011/050329 :16/02/2011 : NA :NA :NA	(71)Name of Applicant: 1)LABORATOIRES URGO Address of Applicant: 42 rue de Longvic F-21300 Chenove France (72)Name of Inventor: 1)LAURENT APERT 2)CHRISTELLE LAURENSOU 3)DOMINIQUE NICOT
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(57) Abstract:

The present invention relates to the use of at least one compound selected among the synthetic polysulphated oligosaccharides having 1 to 4 ose units and to the salts and complexes thereof as cleaning agents for a wound. The invention can be used in particular for preparing bandages intended for cleaning wounds

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

(21) Application No.1720/MUM/2012 A

(19) INDIA

(22) Date of filing of Application: 13/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: VISE APPARATUS WITH A BENDING FIXTURE

(51) International classification B2 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date : No	Address of Applicant :8000 WEST FLORISSANT AVENUE ST. LOUIS, MISSOURI 63136, U.S.A. (72)Name of Inventor: 1)PATIL PRASAD CHATURSINGH 2)DAKARE SACHIN SHASHIKANT 3)PATIL MAHESH JANARDAN 4)PUNTABEKAR NILESH VIDYADHAR 5)HAMM JAMES E.
Filing Date :N (62) Divisional to Application Number :N Filing Date :N	A

(57) Abstract:

A vise apparatus (20) with a bending fixture is disclosed wherein the bending fixture having a plurality of projections (404) are provided on an operative substantially vertical front face of a holding arrangement of a vise apparatus (20) having a base portion (401). The bending fixture enables in supporting and gravity assisted bending of a workpiece. The vise apparatus (20) helps in bending workpiece with reduced effort and minimizing the manufacturing cost.

No. of Pages: 45 No. of Claims: 11

(21) Application No.1721/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HANDHELD OR ATTACHABLE VISOR

(57) Abstract:

A handheld or attachable visor comprises a bottom stand an adjustable stand a top shade a lower shade. The bottom stand connects the handheld or attachable visor to different type of handles. The adjustable stand comprises an inner pole and an outer pole. The inner pole comprises a spring-loaded button which locks the outer pole upon the userTMs preference to adjust the height of the handheld or attachable visor. The top shade comprises a plurality of ribs plurality of panels and plurality of couplings. The lower shade comprises a plurality of fastening means. The lower shade is attached to the top shade from the edges of the top shade. The lower shade can be detached from the top shade at any given moment. The lower shade also can be fold away and secured from the plurality of couplings and the plurality of fastening means.

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

(21) Application No.1722/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FRUIT HARVESTING DEVICE

(51) International classification	:A01D46/26, A01D46/00	(71)Name of Applicant: 1)DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH
(31) Priority Document No	:NA	Address of Applicant :KRISHI NAGAR, AKOLA-444 104,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MRUDULATA MANOJ DESHMUKH
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	
(== 11		

(57) Abstract:

The present invention is related to fruit harvesting device wherein a pair of scissor actuated manually detach the desired fruit from the tree and guide it to the collecting means safely. The said device detaches the fruit with some portion of peduncle without imparting any damage to the fruit that help to increase the storage period/shelf life and market value of the fruits. The device is light in weight, compact and easy to transport; and gives higher output capacity as compared to the other prior art fruit harvesting devices. The fruit harvesting device of the invention is low cost and easy to manufacture.

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

(21) Application No.1723/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN IMPROVED FOUR POINT CONTACT BALL BEARING IN 2 RACES

(51) International classification	·F16C33/58	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHARDAMANI TECHNICAL RESEARCH AND
(32) Priority Date	:NA	DEVELOPMENT PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :3, VIJAY PLOT, GONDAL ROAD,
(86) International Application No	:NA	RAJKOT.360002 Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:N/A	1)DAYALAL GOVINDJI FATANIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Problem to be solved by this Invention is to manufacture an Actual Four Point Contact Ball Bearing which reduces a self friction of Bearing by 50% in compared to Deep Groove Ball Bearing. Actual Four Point Contact Ball Bearing comprises an inner race, an outer race, balls & cage wherein inner race & outer race have a groove made up of two circular arcs forming a Gothic arch in which Bails are accommodated & kept in position with the help of cage. In this invention the balls have a point contact at 35° (c) with races in groove forming a gothic arch.

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

(21) Application No.1724/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AIR FILTER ELEMENT, FILTER HOUSING AND FILTER ARRANGEMENT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number (30) Patent of Addition to Application Number (31) Filing Date (32) Priority Document No (33) Name of priority country (34) Cerrmany (35) NA (57) International Application No (58) International Publication No (59) International Publication Number (50) Patent of Addition to Application Number (51) Filing Date (51) NA (52) NA (53) Name of priority Country (54) NA (55) NA (56) NA (57) NA (58) NA (58) NA (59) NA (50) NA (5	(71)Name of Applicant: 1)MANN+HUMMEL GMBH Address of Applicant:HINDENBURGSTR. 45, 71638 LUDWIGSBURG, GERMANY (72)Name of Inventor: 1)MICHAEL KAUFMANN 2)KLAUS-DIETER RUHLAND
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(57) Abstract:

An air filter element (10) with a cylindrical central pipe (11) is provided wherein at one end of the central tube (11) a device (18) for transmission of torque from a tool to the air filter element (10) is provided and at the other end of the central tube (11) a fastening device (14) for detachably mounting the filter element (10) in a cylindrical support body (21) by means of an insertion/rotation movement is provided.,

No. of Pages: 25 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application: 04/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTIFOULING BENZOATE COMBINATIONS

(51) International :A01N37/10,A01N43/36,A01N43/40 classification

(31) Priority Document No :10168099.9 (32) Priority Date :01/07/2010

(33) Name of priority :EPO country

(86) International :PCT/EP2011/060873 Application No

:29/06/2011 Filing Date

(87) International

:WO 2012/001027 Publication No

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

(71)Name of Applicant:

1)JANSSEN PHARMACEUTICA NV

(21) Application No.14/MUMNP/2013 A

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse,

BELGIUM

(72)Name of Inventor:

1)KEMPEN Tony Mathilde Jozef

(57) Abstract:

The present invention relates to combinations of a biocidal compound selected from ferric benzoate aluminium benzoate barium benzoate and calcium benzoate and the biocidal compound tralopyril which combinations provide an improved protecting effect against fouling organisms and the use of these combinations for protecting materials against fouling organisms. More particularly the present invention relates to compositions comprising a combination of a component (I) and a component (II) in respective proportions to provide a synergistic effect against fouling organisms whereby component (I) is selected from ferric benzoate aluminium benzoate barium benzoate and calcium benzoate and component (II) is tralopyril; with the proviso that said composition is essentially free of cuprous oxide.

No. of Pages: 17 No. of Claims: 12

(21) Application No.1725/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A LIGHT EMITTING DIODE ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F21V23/00 :100138893 :26/10/2011 :Taiwan :NA :NA :NA	Address of Applicant :P.O. BOX 309, UGLAND HOUSE, GRAND CAYMAN, KY1-1104, CAYMAN ISLAND Cayman Island (72)Name of Inventor: 1)LIU, HENG
(87) International Publication No(61) Patent of Addition to Application Number		1)LIU, HENG 2)SHAO, SHIH-FENG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

À light emitting diode array comprises a plurality of light emitting diode units connected in series and arranged for forming an array with n rows and m columns. At least one of the numbers m and n of the array is an odd number.

No. of Pages: 24 No. of Claims: 10

(21) Application No.1726/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : TRANSMITTING DEVICE, RECEIVING SYSTEM, COMMUNICATION SYSTEM, TRANSMISSION METHOD, RECEPTION METHOD, AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N5/06, H04W 36/28 :2011159120 :20/07/2011 :Japan :NA :NA :NA :NA	, · · · · · · · · · · · · · ·
Filing Date	:NA :NA	

(57) Abstract:

There is provided a transmitting device including a packet signal generation unit configured to generate a packet signal of a video a transmitting unit configured to transmit the packet signal via an asynchronous transmission network used in common by another transmitting device and a compression rate control unit configured to control a video compression rate. Switch timing information indicating a switch timing of the video compression rate is transmitted together with the packet signal of the video.

No. of Pages: 39 No. of Claims: 20

(21) Application No.1728/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : AN IMPROVED PROCES FOR THE PREPARATION OF KEY INTERMEDIATE OF ATORVASTATIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/40C07D277/34 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ARCH PHARMALABS LIMITED Address of Applicant: ARCH PHARMALABS LIMITED, 541-A, ARCH HOUSE, MAROL-MAROSHI ROAD, ANDHERI (EAST), MUMBAI-400059 Maharashtra India (72)Name of Inventor: 1)GANESH GURPUR PAI 2)KNANDA KISHORE 3)N. ANJANEYULU.
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(57) Abstract:

The present invention relates to an advanced and improved process over the prior art for the preparation of 4-fluoro-a-[2-methyl-loxopropyl]-y-oxo-N-P-diphenylbenzenebutanamide of the formula I commercially referred as DKT III, a key intermediate for the synthesis of Atorvastatin and pharmaceutically acceptable salts thereof.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR INTEGRATED CLINICAL TRIAL MANAGEMENT

(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KARMIC LABS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :802, BUILDING 3, RAHEJA
(33) Name of priority country	:NA	MINDSPACE (SEZ), TTC INDUSTRIAL AREA, PLOT NO. 3,
(86) International Application No	:NA	THANE BELAPUR ROAD, AIROLI, NAVI MUMBAI-400 708,
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NIDHI SAXENA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide an integrated method and system for Clinical trial management. In accordance with the principles of the present invention wherein the system will carry associative functions of the method for Integral clinical trial management. It is yet another object of the present invention to provide common platform for various clinical trials.

No. of Pages: 71 No. of Claims: 23

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GENERATING REPORTS BASED ON MATERIALIZED VIEW

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F17/00, G06F17/30 :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building 9th Floor Nariman Point Mumbai 400021 Maharashtra India (72)Name of Inventor:
(86) International Application No	:NA	1)RAMESH Rajini
Filing Date (87) International Publication No	:NA : NA	2)GARLAPATI Madhavi 3)THENMANI Mutharasi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter provides a system and a method for generating report on a materialized view. The method includes generation of a first query based on selection of at least one attribute from a plurality of attributes of a resource associated with a metadata driven framework. The plurality of attributes is associated with a particular instance of the resource. The method further includes storing the first query in a table schema. The table schema is associated with a first trigger. The method also includes invoking the first trigger upon storage of the first query in the table schema. The first trigger is configured to execute the first query to generate a materialized view based on an output of the first query. The method may include executing a second query on the materialized view for generating the report. The second query may be created based on materialized view data.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AIR CONDITIONING SYSTEM WITH ADDITIONAL CONDENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60H 1/00,F25B49/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant: CRPF Gate No. 3 Digdoh Hills Hingna Road Nagpur -440016 Maharashtra India 2)G.H.R. Labs and Research Centre (72)Name of Inventor: 1)Yogesh N. Nandanwar 2)Dr. Uday. Suresh. Wankhede
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	2)Dr. Oday. Suresn. Wanknede
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Air conditioners heat pumps and refrigeration systems can affect global warming and deplete ozone layer through the release of refrigerants directly into the atmosphere and also through the release of carbon dioxide from the generation of electricity to power the system throughout its lifetime. There are large numbers of air conditioners and refrigerators still in use worldwide on refrigerant HCFC-22 which has substantial ozone depleting potential along with high global warming potential. As per the commitment of Montreal protocol quantity of HCFC refrigerant including HCFC22 used in air-conditioning systems must be reduced to 35% by the year 2010 to protect the ozone layer and to be abolished by 2020. HCFC-22 is required to be replaced by a suitable eco-friendly refrigerant. A number of refrigerants pure as well as blends have been considered all over the world as retrofit refrigerants. It doesnt require either any change in refrigeration system or requires minimum changes. Following invention is described in detail with the help of figure 1 which shows embodiment of novel refrigeration system.

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

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : REDUCING CHARGING/DISCHARGING TIME FOR SUPER CAPACITOR-BANKS BY CONTROLLED SERIES/PARALLEL RECONNECTIONS

		(71)Name of Applicant:
(51) International classification	H01G4/005,	
	H02J7/00	Address of Applicant :CRPF Gate No. 3 Digdoh Hills Hingna
(31) Priority Document No	:NA	Road Nagpur -440016 Maharashtra India
(32) Priority Date	:NA	2)G.H.R. Labs and Research Centre
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Dr. Shrikrishna. Govindrao. Tarnekar
Filing Date	:NA	2)Dr. Sanjay.Bhaurao. Bodkhe
(87) International Publication No	: NA	3)Pankaj.Ramuji. Sawarkar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Super-capacitors have large Farad-values which are realized by internal series / parallel connections of units to obtain the required terminal ratings in Farads and Voltage. Their basic role is to participate in electrical energy-storage for delivering it later in a controlled manner. Very purpose is to enhance the system-performance and efficiency. It is strongly felt that this aspect will be strengthened if charging / discharging processes are expedited by adapting the methods reported in this invention. Following invention is described in detail with the help of fig 1 A showing Bank with four 5 F capacitors in parallel 4x1 array where RC=20 Sec Initial voltage at 1-b=10 Volt figure 1 B showing Bank of 2 units in series two such unites in parallel 2x 2 array where RC=5 sec figure 2 A showing Bank with four unites in series 1x4 array where RC=1.25sec figure 2 B showing Re-configuration figure 3 A showing No reconfiguration where-It takes a total time of OH to EXTRACT the same energy. Path: S to G figure 3 B showing series connection of unites/during charging process figure 4 A showing Re-configuration to 2x2 during charging Where CXy- Ce figure 4 B showing Reconfiguration to 4x1 where Cxy= 4Ce figure 5 showing Graphical representation of voltage across capacitor.

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

(12) TATENT ALLECATION TOBLICATION

(22) Date of filing of Application :01/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CURRENT DIFFERENTIAL RELAY APPARATUS

:NA

(51) International classification (71)Name of Applicant: :H02H3/28 (31) Priority Document No 1)KABUSHIKI KAISHA TOSHIBA :2010149341 Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo (32) Priority Date :30/06/2010 (33) Name of priority country :Japan 1058001, Japan :PCT/JP2011/003711 (72)Name of Inventor : (86) International Application No 1)KASE Takahiro Filing Date :29/06/2011 (87) International Publication No :WO 2012/001964 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(21) Application No.2/MUMNP/2013 A

(57) Abstract:

Filing Date

(19) INDIA

Provided is a current differential relay apparatus wherein malfunctions of apparatuses are prevented by letting the relay continue the function thereof even when saturation of a current transformer occurs due to an internal accident. A ratio differential characteristic evaluation unit (14) which is for evaluating a ratio differential characteristic functioning on the basis of the amount of operation (Id) and the amount of inhibition (Ir) comprises: a first current range evaluation unit (14 1) that evaluates when a relationship of a = a and b = b holds true wherein a a b and b are real numbers that a functioning thereof be implemented when Id > aIr + b; a second current range evaluation unit (14 2) that evaluates that a functioning thereof be implemented when Id > aIr + b; and an AND operation unit (14 3) a reset unit (14 4) and a flip flop unit (14 5) that evaluate that a ratio differential characteristic functioning be implemented when evaluations are made at both the first and second current ranges that functioning thereof be implemented and makes the functioning thereof be continued until the functioning at the first range is reset.

No. of Pages: 61 No. of Claims: 11

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : DETACHABLE CONNECTING ARRANGEMENT FOR FITTING LAUNCHABLE EXTERNAL LOADS TO AN AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2010 031 750.0 :21/07/2010 :Germany	(71)Name of Applicant: 1)EADS DEUTSCHLAND GMBH Address of Applicant: Willy Messerschmitt Strae 1 85521 Ottobrunn GERMANY (72)Name of Inventor: 1)CERNKO Emil 2)DESLANDES Ronald 3)SCHWARZ Wolfgang
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(57) Abstract:

A detachable connecting arrangement for fitting launchable external loads (3) to an aircraft having at least one hook like connecting element (1) which can be fitted to the external load (3) and having at least one holding element (2) which can be fitted to the aircraft (4) for the hook like connecting element (1); distinguished in that the hook like connecting element (1) is provided with at least one lower supporting surface (13) and at least one upper supporting surface (11); in that the holding element (2) is provided with at least one first opposing supporting surface (23) which is designed to interact with the at least one lower supporting surface (13) and with at least one second upper opposing supporting surface (21) which is designed to interact with the at least one upper supporting surface (11) wherein the lower supporting surface (13) and the first opposing supporting surface (23) are designed to support mass forces of the external load (3) directed away from the aircraft and wherein the upper supporting surface (11) and the upper opposing supporting surface (21) are designed to support mass forces of the external load (3) directed towards the aircraft.

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

(21) Application No.2258/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/09/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VACUUM INTERRUPTER

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (32) Priority Date :NA :NA :NA Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)PARASHAR Rama Shanker **NA :NA :NA :NA :NA :NA :NA :NA	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :PCT/EP2010/054464 :02/04/2010 :WO 2011/120590 :NA :NA :NA	Baden Switzerland (72)Name of Inventor:
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(57) Abstract:

A vacuum interrupter comprises a tubular bellows (30) including a first hollow bore (32); at least one sub assembly (34) each sub assembly (34) including an end cap (42) the or each end cap (42) including at least one second hollow bore and having a composition including glass or including glass ceramic; at least one primary annular metallic element (36) being operably connected between the or each end cap (42) and one of respective ends of the tubular bellows (30); a pair of electrically conductive contact elements (38); and a pair of electrically conductive rods (40) each rod (40) being operably connected to a respective contact element (38) at a first end and being connected in use to an electrical network at a second end a portion of at least one rod (40) being retained inside the or each second hollow bore of a respective end cap (42) wherein the or each end cap (42) and each rod (40) are operably connected to one of the respective ends of the tubular bellows (30) to define a vacuum tight enclosure; the contact elements (38) are located inside the enclosure and arranged to define opposed contact surfaces; and the tubular bellows (30) is controllable to expand or contract to move one rod (40) relative to the other rod (40) to open or close a gap between the opposed contact surfaces.

No. of Pages: 42 No. of Claims: 3

(21) Application No.1710/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: STATOR UNIT AND MOTOR

(51) International classification	:H02K15/00	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)NIDEC CORPORATION
(22) D D	131605	Address of Applicant :338 TONOSHIRO-CHO, KUZE,
(32) Priority Date	:13/06/2011	MINAMI-KU, KYOTO 601-8205 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HIDEHIRO HAGA
Filing Date	:NA	2)KUNIAKI ADACHI
(87) International Publication No	:N/A	3)KENSUKE SHOJI
(61) Patent of Addition to Application Number	:NA	4)TAKASHI HATTORI
Filing Date	:NA	5)TAKAO ATARASHI
(62) Divisional to Application Number	:NA	6)MASATO AONO
Filing Date	:NA	

(57) Abstract:

The distance between the m-l-th turn and the m-th turn is made wider than each distance in the first turn to the m-l-th turn. Then, the m+l-th turn is disposed between the m-l-th turn and the m-th turn. Further, in a cross-section perpendicular to the central axis and passing a tooth, an angle between a line segment connecting the respective centers of the m+l-th turn and the m-l-th turn and a line segment connecting the respective centers of the m+l-th turn is set to be 120° or more. In this way, bulge in a circumferential direction of the coil in the vicinity of an inner peripheral portion of the tooth can be suppressed. For this reason, a clearance can be secured between adjacent coils, and as a result, the number of turns of the coil can be increased.

No. of Pages: 54 No. of Claims: 16

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IDENTIFICATION OF MARKER FEATURES IN MULTI-DIMENSIONAL DATA

(51) International classification	:G06K 7/10, G06K 13/02	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)MANDE Sharmila S
(33) Name of priority country	:NA	2)BHUSAN Kuntal Kumar
(86) International Application No	:NA	3)GHOSH Tarini Shankar
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(s) and system(s) for identifying marker features of various subsets of a multidimensional data are provided. Each subset includes various data points associated with various features. Each of the data points are defined by feature values corresponding to the associated features. The method includes identifying feature pairs based on a matrix of the data points and the features, and computing correlation distances between features in each of the feature pairs. The method includes generating a non-linear pattern of the plurality of features in a two-dimensional plane. Additionally, the method includes calculating a threshold feature value for the associated features of the data points of a particular subset and representing the threshold feature value as a threshold non-linear pattern in the two-dimensional plane. The method includes determining the marker features based on a relative position of the features with respect to the threshold feature value in the two-dimensional plane.

No. of Pages: 58 No. of Claims: 18

(22) Date of filing of Application :25/09/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR MANUFACTURING TEA PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23F3/14,A23F3/16 :10157812.8 :25/03/2010 :EPO :PCT/EP2011/053562 :09/03/2011 :WO 2011/117075 :NA :NA	(71)Name of Applicant: 1)HINDUSTAN UNILEVER LIMITED Address of Applicant: Unilever House B.D. Sawant Marg Chakala Andheri East Maharashtra Mumbai 400 099 Maharashtra India (72)Name of Inventor: 1)SHARP David George 2)SMITH Alistair David
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a process comprising the steps of: expressing juice from a supply of fresh tea leaves thereby to produce leaf residue and tea juice; subjecting the supply of fresh tea leaves and/or the tea juice to a fermentation step thereby to at least partially ferment the tea juice; and combining the at least partially fermented tea juice with substantially unfermented tea material comprising active endogenous enzymes thereby to form a mixture; and subjecting the mixture to an enzyme deactivation step thereby to prevent fermentation of the substantially unfermented tea material in the mixture.

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

(22) Date of filing of Application :07/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REVERSE LINK POWER CONTROL FOR AN OFDMA SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:H04B7/005 :60/710,404 :22/08/2005	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2006/032894 :22/08/2006 :WO/2007/024931	(72)Name of Inventor:
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:NA :NA :476/MUMNP/2008 :13/03/2008	1)KHANDEKAR Aamod

(57) Abstract:

Techniques for performing power control of multiple channels sent using multiple radio technologies are described. The transmit power of a reference channel, sent using a first radio technology (e.g., CDMA), is adjusted to achieve a target level of performance (e.g., a target erasure rate) for the reference channel. The transmit power of a data channel, sent using a second radio technology (e.g., OFDMA), is adjusted based on the transmit power of the reference channel. In one power control scheme, a reference power spectral density (PSD) level is determined based on the transmit power of the reference channel. A transmit PSD delta for the data channel is adjusted based on interference estimates. A transmit PSD of the data channel is determined based on the reference PSD level and the transmit PSD delta. The transmit power of the data channel is then set to achieve the transmit PSD for the data channel.

No. of Pages: 47 No. of Claims: 18

(19) INDIA

(21) Application No.1079/MUMNP/2012 A

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ARTIFICIAL BREAST IMPLANT PROVIDED ON THE SURFACE THREOF WITH SILICON OPEN CELL FOAM LAYER, AND METHOD FOR PRODUCING THE SAME

(51) International classification :A61F2/12 (71)Name of Applicant: (31) Priority Document No :10-2009-0112022 1)Yu Won Seok (32) Priority Date :19/11/2009 Address of Applicant :421-18 Gayang 2-dong Dong-gu Daejeon 300-092 Republic of Korea (South) (33) Name of priority country :Republic of Korea (86) International Application No (72)Name of Inventor: :PCT/KR2010/001826 Filing Date :12/04/2010 1)Yu Won Seok (87) International Publication No :WO/2011/062329 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed are an artificial breast implant in which the surface thereof is formed or modified with a silicone open cell (open pore) foam layer and a method for producing the same. More specifically disclosed are an artificial breast implant that has a surface including an open cell foam layer made of silicone and thus minimizes side effects such as in vivo rejection which may occur after implantation of the implant into the body in particular the occurrence of capsular contracture to achieve superior biocompatibility and safety and a method for producing the same.

No. of Pages: 38 No. of Claims: 18

(21) Application No.114/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR DIGITAL NEURAL PROCESSING WITH DISCRETE LEVEL SYNAPSES AND PROBABILISTIC STDP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06N3/063,G06N3/04 :12/831871 :07/07/2010 :U.S.A. :PCT/US2011/043259 :07/07/2011 :WO 2012/054109	(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)APARIN Vladimir 2)VENKATRAMAN Subramaniam
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2) (2 1 (1 1

(57) Abstract:

Certain embodiments of the present disclosure support implementation of a digital neural processor with discrete level synapses and probabilistic synapse weight training.

No. of Pages: 34 No. of Claims: 33

(21) Application No.15/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: HANDLES

(51) International classification :E05B1/00,E05B15/02,E05B15/16 (71)Name of Applicant:

:03/06/2011

(31) Priority Document No :1009689.9 (32) Priority Date :10/06/2010

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

(86) International Application :PCT/GB2011/051052

No Filing Date

(87) International Publication :WO 2011/154723

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

:NA Number :NA Filing Date

1)HEYWOOD WILLIAMS COMPONENTS LIMITED

Address of Applicant : Premier Way Lowfields Business Park

Elland West Yorkshire HX5 9HT U.K.

(72)Name of Inventor:

1)PEARSON Paul Robert

2)KEELING James Warren

(57) Abstract:

The invention provides a handle comprising a body (10) manufactured from a first material reinforced with a back plate (11) manufactured from a second more robust material.

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

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: A NOVEL PROCESS FOR PREPARATION OF N-CARBAMATE OF 3-OXOPIPERAZINE

(51) International classification	241/08,	(71)Name of Applicant: 1)CALYX CHEMICALS AND PHARMACEUTICALS LTD. Address of Applicant: 2, MARWAH'S COMPLEX,
(31) Priority Document No	:NA	SAKIVIHAR ROAD, SAKINAKA, ANDHERI (E), MUMBAI-
(32) Priority Date	:NA	400 072, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)LAL, BANSI
Filing Date	:NA	2)PATEL, VIMESHKUMAR MAGANLAL
(87) International Publication No	:N/A	3)ANSARI, AZIZUR RAHMAN
(61) Patent of Addition to Application Number	:NA	4)GAIKWAD, SACHIN BHAGVAT
Filing Date	:NA	5)RAHATE, RAHUL PURUSHOTTAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel one pot process for preparation of N-carbamate of 3-oxopiperazine of formula I, particularly benzyl-3-oxopiperazine-l-carboxylate and tert-butyl-3-oxopiperazine-l-carboxylate, from ethylene diamine, wherein R represents a benzyl group or a tert-butyl group.

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

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : PYRROLYL SUBSTITUTED DIHYDROINDOL 2 ONE DERIVATIVES PREPARATION METHODS AND USES THEREOF

(51) International :C07D403/06,C07D403/14,C07D401/14

:China

classification

(31) Priority Document :201010194609.9

No

(32) Priority Date :08/06/2010 (33) Name of priority

country

(86) International Application No :PCT/CN2011/000561

Filing Date :31/03/2011

(87) International

Publication No :WO 2011/153814

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

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

(71)Name of Applicant:

1)OILU PHARMACEUTICAL CO. LTD

Address of Applicant :No. 317 Xinluo Street High Technical

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(72)Name of Inventor:

1)WANG Jingyi 2)FAN Chuanwen

3)ZHANG Long

4)XU Boyan

5)YAN Shousheng

6)GUO Zongru

7)ZHANG Minghui

8)LIN Dong

9)ZHANG Zhantao 10)ZHOU Haojie

(57) Abstract:

Provided are pyrrolyl substituted dihydroindol-2-one derivatives represented by formula (I), pharmaceutically acceptable salts or solvates of said derivatives, or solvates of said salts, which are effective tyrosine kinase inhibitors. Also provided are the preparation methods of the above compounds, pharmaceutical compositions containing these compounds, and the use of these compounds in manufacturing drugs useful for the treatment or adjunctive treatment of tumors medicated by tyrosine kinases or proliferation or migration of tumor cells driven by tyrosine kinases in mammals (including human).

No. of Pages: 48 No. of Claims: 10

(21) Application No.2569/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS AND EQUIPMENT FOR STERILIZING LIQUID FOODS AT LOW TEMPERATURE THROUGH DECOMPRESSION AND/OR GREAT LINEAR OR ROTATORY ACCELERATIONS

(51) International classification :A23L3/015,A23L3
(31) Priority Document No :PI10026029
(32) Priority Date :21/05/2010
(33) Name of priority country :Brazil

(86) International Application No :PCT/BR2011/000161

Filing Date :19/05/2011

(87) International Publication No :WO 2011/143731

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

:A23L3/015,A23L3/26 (71)**Name of Applicant :**

1) DUARTE VIEIRA Francisco Jos

Address of Applicant :Rua Dr. Juvenal Santos 273 apto 201 Luxemburgo Belo Horizonte MG Cep. 30380 530 Brazil

(72)Name of Inventor:

1)DUARTE VIEIRA Francisco Jos

(57) Abstract:

The present application relates to a method and appliance for low temperature pasteurisation of liquid foods and removal of oxygen gas therefrom so as to preserve the colour taste odour enzymes vitamins antioxidants and other nutrients contained in the food. The principle consists in subjecting the food to a decompression up to 20 000 times lower than the initial pressure and to rotary or linear acceleration of up to 1 000 times higher than gravity acceleration simultaneously or in any order. The appliances used can use micro wave irradiation ultra sound and heterogeneous photocatalysis by exposure to white light and/or ultraviolet light on surfaces coated with photocatalytic resins and/or ceramics that contain nanostructured particles as auxiliary means either in isolation or in combination

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

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DESIGN AND MODELLING OF VERMICOMPOST SIEVING MACHINE

	· A /11U2/00	(71)Nome of Applicant
(51) International classification	G06T17/00,	(71)Name of Applicant : 1)G.H.RAISONI COLLEGE OF ENGINEERING
	A41H1/00	Address of Applicant :CRPF Gate No. 3 Digdoh Hills Hingna
(31) Priority Document No	:NA	Road Nagpur -440016 Maharashtra India
(32) Priority Date	:NA	2)G.H.R. Labs and Research Centre
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PROF. NILESH P AWATE
Filing Date	:NA	2)Chetan Sharadrao Sable
(87) International Publication No	: NA	3)Chetan Chandrashekhar Nilkute
(61) Patent of Addition to Application Number	:NA	4)Amit Duryodhan Nakhale
Filing Date	:NA	5)Akhay Anil Lichande
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vermicompost is a valuable input for sustainable agriculture and waste land development. This also can be used widely in pot culture and in home gardens. Several farmers are successfully using Vermicompost. Studies in Maharashtra have shown that usage of Vermicompost has improved the production and quality of grapes. There are many successful farmers experiences of using Vermicompost from different climatic zones of the country. The sieving of vermicompost from the pits is essential to sale in the market. The vermicompost ready to sale must be very fine and clean like a tea powder machine for faster sieving with less drudgery. Following invention provides a sieving machine which helps to improve the rate of sieving sieving efficiency man-hr requirement ease of operation cost of sieving etc. Following invention is described in detail with the help of figure 1 showing views of mechanism developed for construction of sieving machine figure 2 showing three dimensional view of mechanism developed for construction of sieving machine figure 3 showing hopper figure 4 showing pulley figure 5 showing shaft figure 6 showing bearing figure 7 showing perforated screen figure 8 showing casing

No. of Pages: 16 No. of Claims: 5

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A Composition for dissolving soluble insoluble and partially soluble materials

(51) I. (1) I. (2) (3)	C001 (2/00	(71)N
(51) International classification	:C08L63/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Chaturvedi Vipul Dhirendrakumar
(32) Priority Date	:NA	Address of Applicant : A 103 Sagun Plaza Opp Goyal Plaza
(33) Name of priority country	:NA	Judges Bunglow Road Vastrapur Ahmedabad -380015 Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Chaturvedi Vipul Dhirendrakumar
(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 composition for dissolving soluble insoluble and partially soluble materials containing acetic acid and at least one acid selected from the group consisting of citric acid tartaric acid malic acid maleic acid or a combination thereof to provide safe composition which avoids need of different solvents and procedure to dissolve the materials.

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

(21) Application No.2572/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 16/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ADDITIVE FOR PRODUCING POSITIVE ACTIVE COMPOSITIONS FOR LEAD **ACCUMULATORS**

(51) International classification :H01M4/20,H01M4/22,H01M4/62 (71)Name of Applicant :

(31) Priority Document No :10 2010 021 268.7 (32) Priority Date :22/05/2010

(33) Name of priority country :Germany

(86) International Application :PCT/EP2011/058183

:19/05/2011 Filing Date

(87) International Publication

:WO 2011/147740 No

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

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

1)PENOX GMBH

Address of Applicant: Deutz Muelheimer Strae 173 51063

Koeln Germany

(72)Name of Inventor:

1)KLEIN Ian

(57) Abstract:

An additive for producing positive active compositions for lead accumulators based on finely divided 4 basic lead sulphate having an average particle size of less than about 3 µm and also finely divided silica where the additive additionally contains red lead (2PbO.PbO) is described. The finely divided silica prevents in particular agglomeration of the particles of the 4 basic lead sulphate while the red lead leads to an optimized distribution of all constituents of the additive in the battery paste. The use of red lead also gives a cost advantage. Despite the replacement of part of the 4 basic lead sulphate by red lead the properties achieved in the later use in battery operation are no worse. Thus the batteries display for example improved charging behaviour and a higher high current discharging stability. The invention further relates to the use of the additive according to at least one of claims 1 to 15 for producing positive active pastes for lead accumulators in particular for lead accumulators having a high total discharging stability.

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

(22) Date of filing of Application :19/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : DIFFUSION LAYER FOR AN ELECTROCHEMICAL DEVICE AND METHOD FOR PRODUCING SUCH A DIFFUSION LAYER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:France :PCT/EP2011/056362 :20/04/2011 :WO 2011/131737 :NA :NA	(71)Name of Applicant: 1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX %NERGIES ALTERNATIVES Address of Applicant: 25 rue Leblanc Btiment Le Ponant D F 75015 Paris France 2)HEXCEL REINFORCEMENTS (72)Name of Inventor: 1)MORIN Arnaud 2)BERAUD Jean Marc 3)JONQUILLE Jenny 4)PAUCHET Jo«l 5)SENECOT Jean Marc
Number	:NA :NA	

(57) Abstract:

Method for producing a diffusion layer for an electrochemical device comprising the following steps: superposing a plurality of unidirectional webs (102a 102b 102c) of carbon filaments the filaments of each web being deposited in parallel next to one another; needle punching the webs piercing some of the filaments such that pierced portions of said filaments are entangled with other carbon filaments of the webs; cutting out part of the plurality of unidirectional webs the carbon filaments forming an electrically conductive external surface of the diffusion layer and in which method the needle punching step punches right through the thickness of the plurality of webs and/or through two opposed main faces (116 118) of the plurality of webs and/or with a density of impacts with the plurality of webs of between about 100 and 300 impacts/cm.

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

(21) Application No.23/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PRESSURE TANK

(51) International classification	:B60K15/03,F17C1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ELPIGAZ Sp. z o.o
(32) Priority Date	:NA	Address of Applicant :ul. Perseusza 9 PL 80 299 Gdansk
(33) Name of priority country	:NA	Poland
(86) International Application No	:PCT/PL2010/050051	(72)Name of Inventor:
Filing Date	:06/10/2010	1)JARZYNSKI Grzegorz
(87) International Publication No	:WO 2012/047123	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Subject of the invention is pressure tank especially three bottoms tank creating beneficially toroidal tank comprising connected bottoms equipped with connector pipes for installation brackets for fastening the tank and cover type plate equipment cover inner bottom inner shell divider and is characterized by that the outer upper bottom (1) together with outer lower bottom (2) create outer tank shell whereas inner bottom (4) is connected with the inner shell (3) creating the central inner part (S) of the tank and connector pipes (9 9a 9b and 14) and flow connectors (15 15a) have on their length two zones: zone A with walls of increased thickness and zone B with walls of reduced thickness beneficially on the whole circumference of connector whereas the wall thickness in zone B is between 0 5 up to 1 7 of the thickness of tank elements when the wall thickness is between 0 01 up to 2 9 mm and 0 3 up to 1 4 for walls thick above 2 90 mm.

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

(21) Application No.2593/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVEMENTS RELATING TO FABRIC CONDITIONING COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C11D1/62,C11D3/00,C11D17/04 :10163828.6 :25/05/2010 :EPO	(71)Name of Applicant: 1)HINDUSTAN UNILEVER LIMITED Address of Applicant: Unilever House B.D. Sawant Marg Chakala Andheri East Mumbai 400 099 Maharashtra India
(86) International Application No Filing Date (87) International Publication	:PCT/EP2011/058272 :20/05/2011	(72)Name of Inventor : 1)ROSS Tamara Marie
No (61) Patent of Addition to Application Number Filing Date	:WO 2011/147752 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A packaged fabric conditioning product comprising the combination of a flowable fabric conditioning and a package containing the composition the composition comprising 0.5 40% by weight of at least one unsaturated quaternary ammonium compound and the package comprising: (i) a closed reservoir in which the fabric conditioning composition is contained; and () a pump device by which the composition is dispensed.

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

(21) Application No.2594/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROTOR FOR A WIND TURBINE

(51) International classification	:F03D1/06,F03D7/04	(71)Name of Applicant:
(31) Priority Document No	:PA201070170	1)SUZLON BLADE TECHNOLOGY B.V.
(32) Priority Date	:26/04/2010	Address of Applicant :Jan Tinbergenstraat 290 NL 7559 St
(33) Name of priority country	:Denmark	Hengelo OV Netherlands
(86) International Application No	:PCT/EP2011/056065	(72)Name of Inventor:
Filing Date	:15/04/2011	1)BJERTRUP NIELSEN Thomas
(87) International Publication No	:WO 2011/134810	2)SLOTH Erik
(61) Patent of Addition to Application	:NA	3)GONZALEZ Alejandro Gomez
Number	:NA	4)JENSEN Rasmus
Filing Date		5)RECK Mads
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rotor for a wind turbine said rotor having a diameter of 50 metres or more. A blade of said rotor comprises at least two blade sections in the lengthwise direction of said blade where at least one blade section has a curvature along the blade and relative to a second blade section where said curvature results in the tip end of said blade being offset (x) relative to the axis of the blade root where the ratio (x/L) of the offset (x) relative to a distance (L) from the tip end of the blade to the blade root said distance (L) being measured perpendicular to the plane of the root end of the blade and said offset (x) being measured as the perpendicular offset from the axis of the blade root is between 0 and 0 1 and that said rotor is with a cone angle between 0 and 10 degrees said cone angle being measured between the axis of the blade root and perpendicular to the axis of the main shaft.

No. of Pages: 23 No. of Claims: 11

(21) Application No.2595/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LAUNDRY DETERGENT COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10164839.2 :03/06/2010 :EPO :PCT/EP2011/057935 :17/05/2011 :WO 2011/151170 :NA :NA	(71)Name of Applicant: 1)HINDUSTAN UNILEVER LIMITED Address of Applicant: Unilever House B.D. Sawant Marg Chakala Andheri East Maharashtra Mumbai 400 099 Maharashtra India (72)Name of Inventor: 1)MCKEE Anthony
Filing Date	:NA	

(57) Abstract:

The present invention relates to a laundry detergent composition comprising 0.005 to less than 0.5 wt% hydroxamate and 3 to 80 wt% of a surfactant system comprising anionic and non ionic surfactant in a ratio of from 1:1.1 to 19:1. The composition exhibits enhanced detergency especially in relation to particulate stains.

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

(22) Date of filing of Application :02/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: DIESEL ENGINE AND EXHAUST AFTERTREATMENT SYSTEM AND METHOD OF TREATING EXHAUST GASES FROM A DIESEL ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F01N3/36 :NA :NA :NA :NA :PCT/US2010/040901 :02/07/2010 :WO 2012/002973 :NA :NA	(71)Name of Applicant: 1)MACK TRUCKS INC. Address of Applicant: 7900 National Service Road Greensboro NC 27409, U.S.A. (72)Name of Inventor: 1)TAI Chun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a diesel engine and exhaust aftertreatment system a controller is arranged to control operation of the engine to obtain a first set of exhaust characteristics and to control a fuel injector to inject fuel upstream of a DPF at a first rate of injection until at least one condition is attained and after the at least one condition is attained to control the fuel injector so that a rate of fuel injection is reduced and to contral operation of the engine to obtain a second set of exhaust characteristics so that regeneration of the DPF occurs. At least one characteristic of the first and second sets of characteristics beina different. A method for treating diesei engine exhaust is also disclosed.

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

(22) Date of filing of Application :06/09/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR PRODUCING A SEALED ELECTRICAL CONNECTION THROUGH A WALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/03/2011 :WO/2011/110599 :NA :NA :NA	(71)Name of Applicant: 1)BONTAZ CENTRE Address of Applicant: ZI des Valignons 74460 Marnaz France. (72)Name of Inventor: 1)PEROTTO Stphane 2)SAULNIER Florian
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for producing a sealed electrical connection through an engine block crankcase wall (13) in order to connect a sensor or actuating unit contained in the engine block to a central unit comprising a connector (2) provided with at least one bore (14), which is intended to be arranged in an opening (12) of said wall (13), at least one electrical contact (4) connected to a wiring harness (6), said electric contact (4) being surrounded by at least one O-ring seal (36) and arranged in the bore (14) of the connector (2), said device also comprising an over-moulded part (10) on the wiring harness (6), an end of the electrical contact (4) connected to the wiring harness (6) and an end of the connector (2), such that, after the device has been mounted in the opening (13), the junction between said over-moulded part (10) and the connector (2) is situated on one side of the wall (13).

No. of Pages: 32 No. of Claims: 11

(21) Application No.2209/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/09/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND COMPOSITION FOR ROAD CONSTRUCTION AND SURFACING

(51) International :C08L33/08,C08L31/04,C08L93/04 classification

(31) Priority Document No :61/332479

(32) Priority Date :07/05/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/035463

:06/05/2011 Filing Date

(87) International Publication :WO 2011/140413

No

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)MIDWEST INDUSTRIAL SUPPLY INC.

Address of Applicant: 1101 Third Street SE Canton Ohio

44707 U.S.A.

(72)Name of Inventor:

1)VITALE Robert W. 2)ELSWICK Frank D.

3)GREENLEE Gina M.

Methods and compositions for improving the strength and longevity of secondary roadways through environmentally sound practices are disclosed herein. A composition for road sealing includes an aqueous emulsion of acrylic and vinyl acetate polymer water and a resin modified emulsion wherein the resin modified emulsion includes a mixture of pitch and rosin an emulsifying agent and water.

No. of Pages: 39 No. of Claims: 36

(21) Application No.2600/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD TO RECOVER AND DISPENSE POTABLE WATER

(51) International :F25D11/00,F24F13/28,F25D19/00 classification

:WO 2011/146428

(31) Priority Document No :61/345682 (32) Priority Date :18/05/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/036740

:17/05/2011

Filing Date

(87) International Publication No

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

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

Number

:NA Filing Date

(71)Name of Applicant:

1)WATER TECHNOLOGIES INTERNATIONAL INC. Address of Applicant: 10219 S.E. Lennard Rd Port St. Lucie

FL 34952 6884 U.S.A. (72)Name of Inventor:

1)TUDOR William Scott

(57) Abstract:

An apparatus and system to produce purified drinking water from humid air is provided. The apparatus includes an air purification device such as a HEPA filter to remove air borne particulate and biological containments. A method to provide purified drinking water from humid air using a stand along apparatus is provided. The apparatus can also dehumidify improve air quality and provide air conditioning.

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

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS OF TEMPORAL MOTION VECTOR PREDICTION

(51) International classification	:H04N7/26,H04N7/50	(71)Name of Applicant:
(31) Priority Document No	:61/363557	1)MEDIATEK INC.
(32) Priority Date	:12/07/2010	Address of Applicant :No. 1 Dusing Road 1 Science Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin Chu Taiwan 300 China
(86) International Application No	:PCT/CN2011/073167	(72)Name of Inventor:
Filing Date	:22/04/2011	1)TSAI Yu Pao
(87) International Publication No	:WO 2012/006889	2)LIN Jian Liang
(61) Patent of Addition to Application	:NA	3)HUANG Yu Wen
Number		4)LEI Shaw Min
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and method for motion vector prediction for a current block in a picture are disclosed. In video coding systems the spatial and temporal redundancy is exploited using spatial and temporal prediction to reduce the information to be transmitted. Motion Vector Prediction (MVP) has been used to further conserve the bitrate associated with motion vector. In conventional temporal MVP the predictor is often based on a single candidate such as the co located motion vector in the previous frame/picture. If the co located motion vector in the previous frame/picture does not exist the predictor for the current block is not available. A techniquefor improved MVP is disclosed where the MVP utilized multiple candidates based on co located motion vectors from future and/or past reference pictures. The candidates are arranged according to priority order to provide better availability of MVP and also to provide more accurate prediction. Furthermore the MVP technique disclosed can be operated in a closed loop fashion so that no additional side information or minimum additional side information is required.

No. of Pages: 45 No. of Claims: 29

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : RESONANT PULSE BASED EXACT MAXIMUM POWER POINT TRACKING OF MISMATCHED MODULES IN PV STRINGS USING CURRENT EQUALIZATION

	(71)Name of Applicant : 1)Indian Institute of Technology Bombay
,	,
1/06	MAHARASHTRA, INDIA
:NA	(72)Name of Inventor:
:NA	1)Vivek Agarwal
:NA	2)Pooja Sharma
:NA	
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	7/122, H02H 1/06 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The embodiments herein relate to a method and system for current equalization based distributed maximum power point extraction scheme using resonant pulse method in solar modules as disclosed in the embodiments herein. A PV array comprising of plurality of PV modules feeds power into a capacitor through an electro mechanical relay. A flyback converter is used with each PV module. The flyback converter is modified by connecting a switch which could be held ON or held OFF to enable maximum power point extraction (MPPT). Each flyback converter operates in two modes such as resonant pulse MPPT mode and Flyback mode. During resonant pulse MPPT mode the converter determines the exact MPP (maximum power point) voltage and during flyback mode the converter regulates the exact PV module MPP voltage while providing the appropriate equalization current.

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

(21) Application No.2003/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BLASTING AGENT AND BLASTING METHOD

(51) International classification	:B24C11/00,B24C9/00	(71)Name of Applicant :
(31) Priority Document No	:10003976.7	1)KOMPOFERM GMBH
(32) Priority Date	:15/04/2010	Address of Applicant :Max Planck Strae 15 33428 Marienfeld
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2010/007567	(72)Name of Inventor:
Filing Date	:11/12/2010	1)HALSTENBERG Jrg
(87) International Publication No	:WO 2011/127952	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a blasting agent (4) which has at least one means for mechanically processing surfaces in particular steel or cast beads. An additive (6) for degreasing and cleaning the surface (2) to be blasted and/or the blasting agent is provided said additive comprising a granular material which has a lower fracture strength than the at least one means for mechanically processing surfaces itself under the mechanical loads to which the blasting agent (4) is subjected during the blasting method.

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

(21) Application No.2629/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF 5 AMINO 1 PHENYL 3 CYANO 4 TRIFLUOROMETHYL SULFINYL PYRAZOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D231/44 :BS2010A000118 :07/07/2010 :Italy :PCT/IB2011/052304 :26/05/2011 :WO 2012/004692 :NA :NA :NA	(71)Name of Applicant: 1)FINCHIMICA S.P.A. Address of Applicant: Via Lazio 13 I 25025 Manerbio Brescia Italy (72)Name of Inventor: 1)PASTORIO Andrea 2)BETTI Paolo
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(57) Abstract:

The present invention relates to a method for the preparation of the 5 amino 1 phenyl 3 cyano 4 trifluoromethyl sulfinyl pyrazole having the described general formula (I) particularly preferred for the synthesis of Fipronil through oxidation of a compound having the general formula (II) as follows: (II) wherein R and R are independently hydrogen or halogen and wherein the oxidising agent is dichloroperacetic acid.

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

(21) Application No.2630/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: COSMETIC COMPOSITION COMPRISING AN OIL AND A POLYMER BOTH BEARING A HYDROGEN BOND GENERATING JOINING GROUP AND COSMETIC TREATMENT PROCESS

(51) International classification :A61K8/49,A61K8/81,A61Q1/00 (71)Name of Applicant:

(31) Priority Document No :1002226

(32) Priority Date :26/05/2010 (33) Name of priority country :France

(86) International Application :PCT/EP2011/057783

:13/05/2011 Filing Date

(87) International Publication No:WO 2011/147696

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)LOREAL

Address of Applicant :14 rue Royale F 75008 Paris France

(72)Name of Inventor:

1)CHODOROWSKI KIMMES Sandrine

2) FELTIN Charlotte

(57) Abstract:

The present invention relates to a cosmetic composition comprising: a) a supramolecular oil (compound A) which can be obtained by reaction between an oil bearing at least one nucleophilic reactive function and a joining group capable of establishing hydrogen bonds said joining group bearing a reactive function capable of reacting with the reactive function borne by the oil and said joining group also comprising at least one unit of formula (Ia) or (Ib); b) a polyalkene based supramolecular polymer (compound B) which can be obtained by reaction of a functionalized polyalkene polymer with a functionalized joining group said joining group being capable of forming at least three H (hydrogen) bonds The invention also relates to a cosmetic treatment process using said composition.

No. of Pages: 94 No. of Claims: 21

(21) Application No.111/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: VEHICLE CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/07/2011 :WO 2012/014040 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor: 1)NEMOTO Yusuke
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle control system includes: a communication device (20) provided in a vehicle to receive information relating to another vehicle from outside the vehicle; and a control device (10) that performs travel control on the vehicle on the basis of information pertaining to a transfer function for a control target value used during travel control of the other vehicle and the control target value of the other vehicle which is obtained via the communication device (20) of the vehicle. Further a vehicle control system includes: a communication device (20) provided in a vehicle; and a control device (10) that performs travel control using information relating to another vehicle which is received from outside the vehicle via the communication device (20) wherein the communication device (20) transmits information pertaining to a transfer function for a control target value used during the travel control.

No. of Pages: 35 No. of Claims: 15

(21) Application No.1709/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: KERA PROCESS OF SSP MAKING FROM INDIAN ROCK PHOSPHATES

(51) International classification	25/26, C01B 33/00	(71)Name of Applicant: 1)Vivek Wasudeo Bapat Address of Applicant: Behind Hotel Sagar Balaghat road GONDIA CITY Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Vivek Wasudeo Bapat
(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:

An invention to provide viable technology of Thermal Treatment to any Grade of Indian Rock Phosphates/Apatite which may or may not be amenable to enrichment. Process involves using Silicic Anhydride in total replacement of Sulfuric Acid to transform Apatite/Rock Phosphates to Single Super Phosphate [SSP] richer in water soluble Phosphorus [P2O5] being absolutely free from inert Gypsum dilution and with soil friendly Mono-calcium Silicate to the contrary.

No. of Pages: 6 No. of Claims: 4

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR PRODUCING AGGLOMERATES HAVING RUBBER AND WAX AGGLOMERATES PRODUCED ACCORDING TO SAID METHOD AND USE OF SAID AGGLOMERATES IN ASPHALTS OR BITUMEN MASSES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:C08L17/00,C08L95/00,E01C5/00 :10 2010 026 950.6 :12/07/2010 :Germany	(71)Name of Applicant: 1)SASOL WAX GMBH Address of Applicant:Worthdamm 13 27 20457 Hamburg, GERMANY 2)STORIMPEX IM UND EXPORT GMBH
No Filing Date (87) International Publication No	:PCT/DE2011/001441 :10/07/2011 :WO 2012/010150	(72)Name of Inventor: 1)BUTZ Thorsten 2)N-LTING Matthias 3)WINKELMANN Gunnar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relate to a method for producing a bulk good of agglomerates made of rubber particles and wax wherein a composition of the agglomerate and the use of said bulk good to produce asphalt or bitumen masses are created in that rubber is activated by swelling and using a swelling agent and a melt made of viscosity reducing wax and of optional polyoctenamer is added the activated rubber particles are agglomerated by means of the viscosity reducing wax and optional adhesion improving substances wherein the resulting larger volume leads to a viscosity reduction and the softening leads to a more intimate and more homogeneous wetting with the wax and in the mixed good to be produced a viscosity reduction remaining stable in the mixed good for < 180 min and an increased stability of the cross linking of the rubber molecules among each other after the agglomerates have been incorporated are achieved.

No. of Pages: 47 No. of Claims: 23

(21) Application No.2633/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMMUNE AND OXYGEN SYSTEM MEASURING AND DRUG SCREENING METHOD AND APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/328409 :27/04/2010 :U.S.A.	(71)Name of Applicant: 1)SOFER Samir Address of Applicant: 158 Princeton Street Clifton New Jersey 07012 U.S.A. (72)Name of Inventor: 1)SOFER Samir
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/139733 :NA :NA :NA :NA	

(57) Abstract:

Method and apparatus for monitoring health as related to immune system function and for measuring the effects of toxins and other stresses. A method for pre screening drugs for the pharmaceutical pipeline. A method for using an Immunogram as a research tool. A method for preparing compounds or drugs for treatment therapy or cure of diseases.

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

(19) INDIA

(22) Date of filing of Application :12/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTROSTATIC PAINTING METHOD AND ELECTROSTATIC PAINT GUN

(51) International classification	:B05B5/025, B05B7/0815	(71)Name of Applicant: 1)ISUZU MOTORS LIMITED
(31) Priority Document No	:2010124551	Address of Applicant :6 26 1 Minami Oi Shinagawa ku Tokyo
(32) Priority Date	:31/05/2010	1408722 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/062529	1)TAMURA Yoshinobu
Filing Date	:31/05/2011	
(87) International Publication No	:WO 2011/152418	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(21) Application No.2550/MUMNP/2012 A

(57) Abstract:

Weak electrical conductivity is applied to a surface (21) of a non conductive object to be coated (20) and paint that has been negatively charged is applied to the surface (21) by electrostatic painting while minimizing free ions.

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

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED DEVICE FOR LIMITING THE CONSEQUENCES OF CONFLAGRATION IN A ROOM

(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Number Number Number Filing Date (62) Divisional to Application Number Filing Date (NA Filin	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:France :PCT/EP2011/059047 :01/06/2011 :WO 2011/151377 :NA :NA	1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX %NERGIES ALTERNATIVES Address of Applicant :25 rue Leblanc Btiment Le Ponant D F 75015 Paris France (72)Name of Inventor: 1)BOIS Dominique 2)NEUMAN Mathieu
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(57) Abstract:

The invention relates to a device (10 11) for limiting the consequences of a fire in a room (4) comprising a reservoir (28) provided with a vessel (29) containing a liquid (26) said reservoir (28) comprising one or more chamber (s) referred to as internal chamber(s) (54a 54b 54c 54d 54e) in communication with said storage bin (4) and one or more other chambers (52a 52b 52c 52d 53) the reservoir (28) comprising in addition at least one first overflow pan (72a) and at least one second overflow pan (72b) which are integrated on either side of the reservoir (28) each pan being suitable for receiving said liquid (26) when the latter protrudes by a given predetermined height into said vessel (29).

No. of Pages: 46 No. of Claims: 15

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELECTED PLANT EXTRACTS FOR THE TREATMENT OF INFLAMMATORY DISEASES

(31) Priority Document No (32) Priority Date	:A61K9/00,A61K9/08,A61K36/52 :10 2010 019 099.3 :30/04/2010	1)BIONORICA SE Address of Applicant :Kerschensteinerstrasse 11 15 92318
(33) Name of priority country (86) International Application No Filing Date (87) International Publication	:Germany :PCT/EP2011/002173 :02/05/2011 :WO 2011/134679	Neumarkt Germany (72)Name of Inventor: 1)BAUER Rudolf 2)KOPEINIG Birgit 3)POPP Michael
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to plant extracts from at least one extract from at least one plant material selected among Equiseti herba (horsetail herb) Juglandis folium (walnut leaves) Millefolii herba (yarrow herb) Quercus cortex (oak bark) Taraxaci herba (dandelion herb) Althaeae radix (marsh mallow root) and Matricariae flos (or Flos chamomillae (camomile flowers) or a mixture or subcombination of these. Furthermore the invention relates to an anti inflammatory product and pharmaceutical and also cosmetic obtainable therefrom.

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

(22) Date of filing of Application :29/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CRANE POWER FEED CABLE REEL DEVICE AND CRANE PROVIDED THEREWITH

(51) International classification :B66C13/12,B66C19/00 (71)Name of Applicant : (31) Priority Document No 1)MITSUBISHI HEAVY INDUSTRIES MACHINERY :2011009246 (32) Priority Date TECHNOLOGY CORPORATION :19/01/2011 (33) Name of priority country Address of Applicant :6-22, KAN-ON-SHIN-MACHI 4-:Japan (86) International Application No :PCT/JP2011/060092 CHOME, NISHI-KU, HIROSHIMA 733-8553, Japan Filing Date :25/04/2011 (72)Name of Inventor: (87) International Publication No 1)YOSHIOKA Nobuo :WO 2012/098700 (61) Patent of Addition to Application 2)SHIMOTSU Toshihito :NA 3)SAKAMOTO Toshihiko :NA Filing Date 4)MORITA Katsuaki (62) Divisional to Application Number :NA 5)TOYOHARA Takashi Filing Date :NA

(57) Abstract:

Provided is a crane power feed cable reel device that can feed power to a crane regardless of where a power supply is installed. Said device is provided with: a cable reel (35) around which a power feed cable (33) is wound said power feed cable running from a power feed box installed on the ground; a connector used when supplying power to the crane from the power feed cable (33) wound around the cable reel (35); and a connection mount (51) on which the cable reel (35) and connector are mounted said connection mount being removably attachable to the crane. An opening (59) into which a protruding beam (13) can be inserted is formed in the connection mount (51) said protruding beam protruding outwards from a leg (11) of the crane with respect to the direction of travel.

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

(22) Date of filing of Application :29/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: TIRE VULCANIZER AND TRANSPORTING AND PACKAGING METHOD OF SAME

(51) International :B29C33/02,B29C35/02,B29L30/00 classification

:NA

(31) Priority Document No :2011040583 (32) Priority Date :25/02/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/061267

:17/05/2011 Filing Date

(87) International Publication: WO 2012/114543 No

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

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

Number Filing Date (71)Name of Applicant:

1)MITSUBISHI HEAVY INDUSTRIES MACHINERY TECHNOLOGY CORPORATION

Address of Applicant :6-22,KAN-ON-SHIN-MACHI 4-CHOME, NISHI-KU, HIROSHIMA-SHI, HIROSHIMA 7338553. JAPAN.

(72)Name of Inventor: 1)MATSUNAGA Kunio

2)TOMOTO Keiichi 3)MORITA Mitsuru

(57) Abstract:

The purpose of the present invention is to provide a tire vulcanizer and a transporting and packaging method of the same which are capable of even in the case where a total height direction size of the vulcanizer exceeds a limited size of a domestic transport and an export package transporting and packaging the tire vulcanizer with the limitation is easily cleared. The tire vulcanizer is provided with tie rods (8A 8B) which are extended upward from a base plate receive a pressurization reaction force applied to a bolster plate and an upper die at the time of the tire vulcanization and guide lifting and lowering of the bolster plate and the upper die at the time of opening and closing the upper die. In the tire vulcanizer the tie rods (8A 8B) can be divided into two or more vertically on a length direction position thereof.

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

(22) Date of filing of Application :01/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : FINITE ELEMENT (FE) MODEL OF OFFSET DEFORMABLE BARRIER FOR CAE (COMPUTER AIDED ENGINEERING) ANALYSIS

(51) International classification	:B62D (71)Name of Applicant : 25/20, 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 25/00 Hutatma Chowk Mumbai 400 001 MAF	
(31) Priority Document No	:NA (72)Name of Inventor :	
(32) Priority Date	:NA 1)PRATAP DAPHAL	
(33) Name of priority country	:NA 2)SACHIN LAMBATE	
(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 relates to an offset deformable barrier (ODB) used for crash test of a vehicle. More particularly embodiments relate to an improved offset deformable barrier. The results obtained with various other ODB Fe models are compared with the physical tests which has no correlation. The improved ODB FE model compares test results of the physical test and ODB FE model and establishes a correlation between the two which helps identifying the key stress strain areas and to improve on the same .

No. of Pages: 24 No. of Claims: 1

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYAMIDE ETHER KETONE

(51) International classification	:C07D 235/04, B01D 71/56	(71)Name of Applicant: 1)GHARDA KEKI HORMUSJI Address of Applicant:GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400050, MAHARASHTRA,
(31) Priority Document No	:NA	INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GHARDA, KEKI HORMUSJI
(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	

(21) Application No.1718/MUM/2012 A

(57) Abstract:

A process for the preparation of a polymer of Formula IV is provided in the present disclosure. The process comprises preparation of a salt of a monomer which is subjected to polymerization in the presence of at least one polymerization solvent and at least one buffer followed by heating at a temperature ranging between 250 °C and 400 °C under nitrogen with stirring in a controlled manner and incorporating at least one endcapping agent to obtain the fore-stated polymer. The polymer of the present disclosure is characterized by intrinsic viscosity ranging between 0.1 and 0.5 dl/g and melting point ranging between 445 °C and 455 °C; wherein, R is selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, butyl and isobutyl and X is selected from the group consisting of chloride, bromide, fluoride and iodide.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :06/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FUSED QUINAZOLINE DERIVATIVES AND USES THEREOF

(51) International classification	:C07D487/04, A61K31/519	(71)Name of Applicant: 1)SHENZHEN SALUBRIS PHARMACEUTICALS CO.
(31) Priority Document No	:201010182895.7	LTD.
(32) Priority Date	:21/05/2010	Address of Applicant :37F Main Tower Lyjing Plaza Che
(33) Name of priority country	:China	Gong Miao No. 6009 Shennan Road Futian District Shenzhen
(86) International Application No	:PCT/CN2011/074434	Guangdong 518040 China
Filing Date	:20/05/2011	2)SHANGHAI INSTITUTE OF PHARMACEUTICAL
(87) International Publication No	:WO/2011/144059	INDUSTRY
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)LI Jianqi
Filing Date	.1 V /1	2)ZHANG Zixue
(62) Divisional to Application Number	:NA	3)XIE Peng
Filing Date	:NA	4)ZHANG Qingwei

(57) Abstract:

Fused quinazoline derivatives and uses thereof as protein tyrosine kinase inhibitors and aurora kinase inhibitors are disclosed. Said protein tyrosine kinase inhibitors and aurora kinase inhibitors can be used in treating cancers, leukaemia and the diseases relevant to differentiation and proliferation. Said protein tyrosine kinase and aurora kinase dual inhibitors are the compounds represented by the following general formula or salts thereof.

No. of Pages: 98 No. of Claims: 34

(22) Date of filing of Application :06/10/2010 (43) Publication Date : 14/02/2014

(54) Title of the invention: FIXED VANE ROTARY COMPRESSOR

(51) International classification	:F04C18/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INGOLE VIJAY TULSHIRAM
(32) Priority Date	:NA	Address of Applicant :104 GANEDIWAL LAYOUT, CAMP,
(33) Name of priority country	:NA	AMRAVATI - 444 602 Maharashtra India
(86) International Application No	:NA	2)INGOLE ASHUTOSH VIJAY
Filing Date	:NA	3)INGOLE PARITOSH VIJAY
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)INGOLE VIJAY TULSHIRAM
Filing Date	:NA	2)INGOLE ASHUTOSH VIJAY
(62) Divisional to Application Number	:NA	3)INGOLE PARITOSH VIJAY
Filing Date	:NA	

(57) Abstract:

A fixed vane rotary compressor having a cylinder in which a concentric rotor is rotatably mounted. The rotor has an eccentric groove having preferably a circular profile of varying depth in which a fixed vane of matching profile is mounted. The fixed vane located in housing of the cylinder is pressed down on the groove by a spring and other free end of the vane fits snugly. The rotor is so designed to make a reasonable surface area contact with the cylinder. The fixed vane and said rotor contact form a compression chamber on its one side and suction chamber on its other side so that when the rotor rotates the suction chamber sucks air or gas from one side through suction inlet and delivers compressed gas from compressor chamber through the delivery outlet. The fixed vane, rotating groove and rotor are so designed to make leak proof compartments for optimum efficiency. Following invention is described in detail with the help of Figure-1A showing partial cross sectional side elevation on line K-L in Figure-1B of the present invention. Sheet 2 of 4 illustrates the cross section elevation of end-cover in Figure-1C. Figure-2A showing partial cross sectional elevation and Figure-2B showing partial cross section of side elevation of vane with retaining spring of the preferred embodiment of present invention. Sheet 3 of 4 illustrates the partial cross section elevation on line Q-R in Figure-3A and partial side elevation on line O-P in Figure-3B of the rotor, Sheet 4 of 4 is the cross sectional elevation in Figure-4A and cross sectional side elevation Figure-4B of the compressor as per the preferred embodiment of present invention.

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

(21) Application No.2553/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR CARRYING OUT POLYMERISATION PROCESSES

(51) International classification: C08G63/78, C08G63/90, C08F6/00 (71) Name of Applicant: (31) Priority Document No :10 2010 016 953.6

(32) Priority Date :14/05/2010

(33) Name of priority country : Germany

(86) International Application :PCT/EP2011/002358

:12/05/2011 Filing Date

(87) International Publication :WO 2011/141176

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

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

1)LIST HOLDING AG

Address of Applicant :24 Berstelstrasse CH 4422 Arisdorf

Switzerland

(72)Name of Inventor: 1)DIENER Andreas 2)KUNKEL Roland 3)FLEURY Pierre Alain 4)STZLE Bernhard

(57) Abstract:

The invention relates to a method for carrying out polymerisation processes wherein a (co)polymerisation of monomer(s) takes place in a first stage and a separation of product and monomers oligomers reaction products and additives or solvents takes place in a second stage. Before and/or in the second stage which is to say during finishing a substance is to be added to the reaction mixture by which substance stripping and/or influencing of the temperature is effected whereby the reaction equilibrium is shifted toward the polymers wherein the speed of reaction to the monomer is slowed. A second possibility is that before and/or in the second stage which is to say during finishing a substance is added to the reaction mixture by which substance stopping and as a second function stripping and/or influencing of the temperature is effected.

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

(21) Application No.2559/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 13/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR OPTIMIZED ACID GAS AND TOXIC METAL CONTROL IN GASIFIER PRODUCED GASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01D 53/00 :13/107,726 :13/05/2011 :U.S.A. :PCT/US2011/001094 :17/06/2011 :WO/2011/142837 :NA :NA	(71)Name of Applicant: 1)FRONTLINE BIOENERGY LLC. Address of Applicant: 1421 South Bell Avenue Ames IA 50010 U.S.A. (72)Name of Inventor: 1)REARDON John P. 2)PASKACH Thomas J. 3)EVANS Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus and method is presented for removing acid gases and other trace contaminants to very low levels in combustible gases generated from thermal gasification of biomass or refuse-derived fuels. The invention includes optimization of geometric variables temperature and pressure set points via use of a pressurized bubbling fluidized bed reactor to convert granular raw (non-activated) sorbents and auto-generated biochar sorbents) into activated highly dispersed and ideally sized particles for removing acid gases and toxic metals. The system can incorporate a generated gas cooler a gas-sorbent contact chamber or zone and a novel filter (with or without additional gas colling and residence time stages).

No. of Pages: 30 No. of Claims: 26

(22) Date of filing of Application :01/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROLLING METHOD FOR FLAT PRODUCTS AND RELATIVE ROLLING LINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/06/2011 :WO 2011/158091 :NA :NA	(71)Name of Applicant: 1)DANIELI & C. OFFICINE MECCANICHE SPA Address of Applicant: Via Nazionale 41 I 33042 Buttrio ITALY (72)Name of Inventor: 1)BENEDETTI Gianpietro 2)BOBIG Paolo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Rolling method for the production of flat products such as metal strip which provides a production step of a thin slab with a thickness comprised between 30 and 90 mm preferably between 35 and 70 mm a temperature maintenance and/or possible heating step of the slab to be sent for rolling and a rolling step with multiple passes performed in a reversing rolling mill (14) comprising at least a reversing rolling stand (15) in which at least a winding reel furnace (16a) is also present upstream of the stand (15) and a winding reel furnace (16b) downstream of the stand (15) a winding step also being provided downstream of the rolling in at least a coiler (19a 19b) to form a relative coil of strip of a defined weight comprised between 20 and 30 tons and a cooling step of the strip being provided between the reversing rolling mill (14) and said at least one coiler (19a 19b). The method provides that the thin slab is disposed for example sheared to size upstream of the maintenance and/or possible heating step in order to form a segment of slab having a length equivalent in weight greater than that of a coil and that already after the first rolling pass in the reversing rolling mill (14) the thickness of the segment of slab is reduced to a value in the range of 20 25 mm so as to render it windable on the reel furnace (16b) downstream of the stand (15).

No. of Pages: 20 No. of Claims: 11

(21) Application No.16/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 04/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: DELIVERY DEVICE

(51) International :F04D15/00,F04D29/42,F04D29/70 classification

:WO 2011/157459

(31) Priority Document No :10166260.9 (32) Priority Date :17/06/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/054849

:29/03/2011 Filing Date

(87) International Publication

No (61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)FRIDECO AG

Address of Applicant :c/o Hidrostal AG Gigering 27 CH 8213

Neunkirch, Switzerland (72)Name of Inventor: 1)ST,,HLE Carl

(57) Abstract:

The delivery device (1) according to the invention with automatic regulation of the delivery rate comprises a pump device (2) a suction vessel (3) and a suction sump (4) wherein the suction vessel (3) has a suction chamber (3h) which is connected to the suction sump (4) via an overflow edge (3g) and via an inlet duct (3b) which opens tangentially into the suction vessel (3) and wherein the pump device (2) comprises a suction pipe (2c) and also a rotary pump (2a) which is connected in fluid conducting fashion to the suction pipe (2c) and wherein the suction pipe (2c) projects into the suction vessel (3) from above and wherein the inlet duct (3b) opens into the suction vessel (3) in an alignment corresponding to the direction of rotation (S2) of the rotary pump (2a) and wherein the suction pipe (2c) is connected to the rotary pump (2a) via a connecting pipe (2e) and wherein the connecting pipe (2e) has a portion (2n) which runs at an angle a of between 45° and 135° with respect to the suction pipe (2c). The portion (2n) advantageously runs through a wall. The rotary pump (2a) and the suction pipe (2c) are particularly advantageously arranged in separate chambers.

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

(22) Date of filing of Application :05/09/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIPOSOME-ENCAPSULATED BICELLES AND USE THEREOF IN DILUTED SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 9/127 :P201030298 (ES) :01/03/2010 :Spain :PCT/ES2011/070128 :28/02/2011 : WO/2011/107643 :NA :NA :NA	(71)Name of Applicant: 1)CONSEJO SUPERIOR DE INVESTIGACIONES CIENT FICAS (CSIC) Address of Applicant: Serrano 117 E-28006 Madrid Spain (72)Name of Inventor: 1)DE LA MAZA RIVERA Alfons 2)LPEZ SERRANO Olga 3)RODR GUEZ DELGADO Gelen 4)RUBIO TOLEDANO Laia 5)BARBOSA Lucyana 6)SORIA RODR GUEZ Guadalupe 7)PLANAS OBRADORS Ana Mara 8)COCERA Nš'EZ Mercedes
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(57) Abstract:

The aim of the invention is to preserve the morphology of bicelles in high water content environments. For this purpose the invention relates to a liposome comprising in its internal aqueous medium at least one bicelle. The bicelles concentration in said aqueous means is between 5 and 25 % dry weight in relation to the end liposome. The invention also relates to the use of said liposomes for the encapsulation of active principles as well as to the use thereof as a medicament or to produce a cosmetic product. The invention further relates to the method for obtaining said liposomes.

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

(22) Date of filing of Application :20/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOTION PREDICTION METHOD

(51) International classification	:H04N7/32	(71)Name of Applicant:
(31) Priority Document No	:61/326731	1)MEDIATEK INC.
(32) Priority Date	:22/04/2010	Address of Applicant :No. 1 Dusing Road 1 Science Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin Chu Taiwan 300 China
(86) International Application No	:PCT/CN2011/072500	(72)Name of Inventor:
Filing Date	:07/04/2011	1)TSAI Yu Pao
(87) International Publication No	:WO 2011/131089	2)FU Chih Ming
(61) Patent of Addition to Application	.NIA	3)LIN Jian Liang
Number	:NA	4)HUANG Yu Wen
Filing Date	:NA	5)LEI Shaw Min
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motion prediction method is provided. First a plurality of candidate units corresponding to a current frame are determined. A plurality of motion vectors of the candidate units are then obtained. A plurality of temporal scaling factors of the candidate units are then calculated according to a plurality of temporal distances between reference frames of the motion vectors and the current frame. The motion vectors of the candidate units are then scaled according to the temporal scaling factors to obtain a plurality of scaled motion vectors. Finally a motion vector predictor for motion prediction of the current unit is selected from the candidate units according to the scaled motion vectors.

No. of Pages: 21 No. of Claims: 18

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : PROCESSES FOR THE PRODUCTION OF HYDROGENATED PRODUCTS AND DERIVATIVES THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:61/355198 :16/06/2010 :U.S.A. :PCT/US2011/039914 :10/06/2011 :WO 2011/159562 :NA	(71)Name of Applicant: 1)BIOAMBER S.A.S. Address of Applicant:Route de Pomacle F 51110 Bazancourt France (72)Name of Inventor: 1)FRUCHEY Olan S. 2)MANZER Leo E. 3)DUNUWILA Dilum 4)KEEN Brian T. 5)ALBIN Brooke A. 6)CLINTON Nye A. 7)DOMBEK Bernard D.
Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for making a hydrogenated product comprising caprolactone (CLO) and 1 6 hexanediol (HDO) and derivatives thereof from adipic acid (AA) obtained from fermentation broths containing diammonium adipate (DAA) or monoammonium adipate (MAA).

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

(21) Application No.1/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SIMULTANEOUS RETROFITTING OF PROCESSING DEVICES

(51) International :B29C49/42,B29C49/48,B29C49/78 classification

(31) Priority Document No :10 2011 050 724.8 (32) Priority Date :30/05/2011

(33) Name of priority country: Germany (86) International Application :PCT/EP2012/055395

:27/03/2012 Filing Date

(87) International Publication: WO 2012/163562

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)KRONES AG

Address of Applicant :Bhmerwaldstr. 5 93073 Neutraubling

GERMANY

(72)Name of Inventor:

1)HAHN Wolfgang

The invention relates to method to a system and to a processing device for simultaneously retrofitting at least two units or simultaneously exchanging at least two format portions (77) on a processing device (57071). The processing device (57071) comprises at least two work areas (10 30 80 90) which each have a retrofitting area (P1 P3 P8 P9) a work opening (1 2 32 82 92) and an activation device (14 34 84 94). The work openings (12 32 82 92) can each be in an opened retrofitting state (12offen 32offen 82offen 92offen) or in a closed processing state (12geschl 32geschl 82geschl 92geschl) wherein at least two work openings (12 32 82 92) are opened for the simultaneous retrofitting of the processing device (5 70 71) (120ffen 320ffen 820ffen 920ffen). The actual state of the work openings (offen geschl) of the at least two work areas (10 30 80 90) is determined. Moreover the activation is detected by at least one activation device (14 34 84 94). If the activation devices (14 34 84 94) of all the opened work positions (12 32 82 92) are activated simultaneously a new positioning of at least two units or format portions to be retrofitted (7.7) is actuated into the at least two retrofitting areas (P1 P3 P8 P9).

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SURFACE TREATED MINERAL FILLER PRODUCTS AND USES OF SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09C1/02 :10164408.6 :28/05/2010 :EPO :PCT/EP2011/058409 :24/05/2011 :WO 2011/147802 :NA :NA :NA	(71)Name of Applicant: 1)OMYA DEVELOPMENT AG Address of Applicant: Baslerstrasse 42 CH 4665 Oftringen Switzerland (72)Name of Inventor: 1)BURI Matthias 2)GANE Patrick A.C. 3)RENTSCH Samuel 4)BURKHALTER Ren
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(57) Abstract:

The present invention relates to a process for preparing a surface treated mineral filler product and to its preferred use in the field of plastic applications and in particular polypropylene (PP) or polyethylene (PE) based breathable or extrusion coating film applications.

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

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : TREATED MINERAL FILLER PRODUCTS PROCESS FOR THE PREPARATION THEREOF AND USES OF SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/05/2011	(71)Name of Applicant: 1)OMYA DEVELOPMENT AG Address of Applicant: Baslerstrasse 42 CH 4665 Oftringen Switzerland (72)Name of Inventor: 1)BURI Matthias 2)GANE Patrick A.C. 3)RENTSCH Samuel 4)BURKHALTER Ren
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(57) Abstract:

The present invention relates to the technical field of treated mineral filler products. The invention further relates to a process for preparing such treated mineral filler products and to its preferred use in the field of plastic applications and in particular polypropylene (PP) or polyethylene (PE) based breathable or extrusion coating film applications.

No. of Pages: 37 No. of Claims: 20

(21) Application No.52/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PIPE FITTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16L19/065,F16L19/08 :2010/04923 :13/07/2010 :South Africa :PCT/ZA2011/000020 :07/04/2011 :WO 2012/009731	(71)Name of Applicant: 1)CLIQUOT HOLDINGS (PTY) LIMITED Address of Applicant: Suite 002 81 Richefond Circle Ridgeside Office Park 4320 Umhlanga South Africa (72)Name of Inventor: 1)TURK Marc Timothy
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A compression pipe fitting is provided. The fitting comprises a body (12) defining one or more sockets for receiving an end of a pipe (22) a clamping nut (14) and a grip ring (16). The socket is encircled by a threaded face and is internally adapted to receive a compressible O ring (20). The nut (14) can be screwed onto the threaded face of the socket and has an internal tapered surface (30) while the grip ring has a complimentally tapered surface which when the nut is tightened onto the threaded face bears upon the grip ring compressing it against the pipe and compressing the O ring located within the socket.

No. of Pages: 12 No. of Claims: 11

(21) Application No.112/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : ETHYLENE COPOLYMER HAVING IMPROVED HYGIENIC PROPERTY AND PROCESS FOR PREPARING THE SAME

(51) International classification :C08F210/16,C08F4/6592

(31) Priority Document No :1020100092366 (32) Priority Date :20/09/2010

(33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2011/006851

Filing Date :16/09/2011

(87) International Publication No :WO 2012/039560

(61) Patent of Addition to Application :NA

Number :NA Filing Date

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

:C08F210/16,C08F4/6592 (71)Name of Applicant :

1)SK INNOVATION CO.LTD.

Address of Applicant :99 Seorin dong Jongno gu Seoul 110

110 Republic of Korea

(72)Name of Inventor:

1)KWON Seung Bum

2)OH Se Won

3)HAM Hyeong Taek 4)SHIM Choon Sik 5)CHAE Sung Seok 6)SHIN Dae HO

(57) Abstract:

Provided is an ethylene copolymer having improved hygienic property. More particularly the ethylene copolymer satisfies a correlation between a density thereof and an extract content. The ethylene copolymer having improved hygienic property can be applied in injection molding rotation molding or blow molding.

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

(22) Date of filing of Application :05/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BONDING SYSTEM COMPRISING AN ADHESIVE OR SEALANT AND A PRIMER

(51) International classification(31) Priority Document No(32) Priority Date	:C09J 163/00 :EP11169184.6 :08/06/2011	(71)Name of Applicant: 1)Sika Technology AG Address of Applicant: Zugerstrasse 50 CH- 6340 Baar
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BURCKHARDT Urs
(87) International Publication No	: NA	2)HUCK Wolf R ¹ / ₄ diger
(61) Patent of Addition to Application Number	:NA	3)CORSARO Antonio
Filing Date	:NA	4)GRIMM Judith
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an adhesive system comprising a bonding agent composition containing - at least one aqueous dispersion of a solid epoxy resin; and - at least one polyamine; and an adhesive or sealant containing - at least one compound V in free or hydrolytically releasable form which can react with the polyamine in a condensation reaction. Adhesive systems of the invention result in improved adhesion under humid and warm conditions.

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

(22) Date of filing of Application :05/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELF-ADJUSTMENT MECHANISM FOR VEHICLE HEADLAMPS

(51) International classification	:B60Q 1/06, B60Q 1/38	(71)Name of Applicant: 1)MAHINDRA TWO WHEELERS LIMITED Address of Applicant: D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,
(31) Priority Document No	:NA	INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)VARLAKATI SAI SANDEEP
(86) International Application No	:NA	2)VENKAT RAMAN YOGARAJA
Filing Date	:NA	3)SUNDARAM SUDHARSHAN
(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) 41		

(57) Abstract:

A self-adjusting headlamp system for a two-wheeler vehicle steerable by a handle bar is disclosed. The self-adjusting headlamp system includes a mechanically angularly displaceable headlamp assembly mounted on an operative front frame portion of the two-wheeler vehicle. The mechanically angularly displaceable headlamp assembly gets angularly displaced by mechanical linkages in response to the angular displacement of the handle-bar.

No. of Pages: 69 No. of Claims: 16

(21) Application No.2562/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: CARBONACEOUS COMPOSITE MATERIAL COMPRISING AN OXYGENATED LITHIUM TRANSITION METAL COMPOUND

(51) International

:H01M4/58,H01M10/0525,H01M4/485

classification

(31) Priority Document :10 2010 018 041.6

(32) Priority Date :23/04/2010 (33) Name of priority :Germany country

(86) International

:PCT/EP2011/055899 Application No :14/04/2011

Filing Date

(87) International

:WO 2011/131553 Publication No

(61) Patent of Addition to

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

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

(71)Name of Applicant:

1)SD CHEMIE IP GMBH & CO. KG

Address of Applicant: Lenbachplatz 6 80333 M1/4nchen

Germany

(72)Name of Inventor: 1)TRAN Nicolas

2)VOGLER Christian

3)BAUER Peter

(57) Abstract:

The invention relates to a carbonaceous composite material made of particles of an oxygenated lithium transition metal compound coated with two carbonaceous layers to a method for producing same and to an electrode comprising the composite material.

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : HVDC CONVERTER COMPRISING FULLBRIDGE CELLS FOR HANDLING A DC SIDE SHORT CIRCUIT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:H02M1/32,H02J3/18,H02M7/797 :NA :NA :NA :PCT/EP2010/061145 :30/07/2010	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)TRAINER David Reginald
Filing Date (87) International Publication No	:WO 2012/013248	2)CROOKES William 3)GREEN Timothy Charles 4)MERLIN Michael Marc Claude
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)-1-2-2-2-1 (1-2-2-10-1
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A power electronic converter (40) for use in high voltage direct current power transmission and reactive power compensation comprises three converter limbs (42) each converter limb (42) including first and second DC terminals (46 48) for connection in use to a DC network (52) and an AC terminal (50) for connection in use to a respective phase of a three phase AC network (54) each converter limb (42) defining first and second limb portions (56 58) being connected in series between the respective AC terminal (60) and a respective one of the first and second DC terminals (46 48) each limb portion (56 58) including at least one switching element (62 66) being controllable in use to facilitate power conversion between the AC and DC networks (52 54) the power electronic converter (40) further including a plurality of auxiliary units (44) each auxiliary unit (44) being operably associated with the respective phase of the AC network (54) each auxiliary unit (44) including at least one module (60) including a voltage source the limb portions (56 58) being controllable in use to define at least one three phase static synchronous compensator including at least one of the plurality of auxiliary units (44) in each branch of a star configuration each of the first and/or second DC terminals (46 48) defining the neutral point of the respective star configuration.

No. of Pages: 52 No. of Claims: 26

(21) Application No.1717/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NUTRITIONAL AND REJUVENATIVE FOOD SUPPLEMENT CAPABLE OF FORTIFYING ANY FOOD PRODUCTS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A23L 1/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. ULHAS V WAGH Address of Applicant: JAYASHREE, APT. 769/5A, JAKATDAR PATH, PUNE 411004. MAHARASHTRA, INDIA 2)PROF.M.V.HEGDE (72)Name of Inventor: 1)DR. ULHAS V WAGH 2)PROF.M.V.HEGDE
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses a nutritional food supplement capable of fortifying any food product, process of making the said nutritional food supplement; enriched with a predetermined amount of water soluble nutrients and fat soluble nutrients. The invention has advantages of the process of making the nutritional food supplement being simple, with good shelf life, thereby being suitable for the use in any food product at domestic, commercial or bulk preparation.

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

(22) Date of filing of Application :25/07/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL PROJECTOR CAMERA SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G03B21/00, H04N13/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)IITB-MONASH RESEARCH ACADEMY Address of Applicant: IIT BOMBAY, POWAI, MUMBAI: 400076 MAHARASHTRA, INDIA (72)Name of Inventor: 1)SHAMSUDDIN N. LADHA 2)ANUP AGARWAL 3)PROFESSOR SHARAT CHANDRAN 4)PROFESSOR KATE SMITH-MILES
Filing Date	:NA	

(57) Abstract:

The present invention relates to a projector system comprising a projector for projecting at least an image onto a screen; means to capture gestures of or inputs from presenter; database to store predefined gestures, such that captured gestures of presenter are compared with said database to provide input to the said system to operate in different modes; a processor.

No. of Pages: 12 No. of Claims: 7

(21) Application No.2611/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : PROTECTION METHOD DECRYPTING METHOD RECORDING MEDIUM AND TERMINAL FOR THISPROTECTION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04N 7/167 :FR 1054943 :22/06/2010 :France :PCT/EP2011/060258 :20/06/2011 :WO/2011/161066	(71)Name of Applicant: 1)Viaccess Address of Applicant: Les Collines de l'Arche Tour Operera C 92057 PARIS L a Dfense France (72)Name of Inventor: 1)POCHON Nicolas 2)CHIEZE Quentin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)LAFRANCHE Stephane

(57) Abstract:

This method for protecting the transmission of a multimedia content or of a control word between a security processor and a terminal comprises: - the advance recording in the terminal of several secret codes Ci-1 each secret code Ci-1 enabling solely the decryption of the multimedia content or of the control word encrypted by a respective session key SKi obtained by diversification of the key SK_root with a parameter Pi one of the parameters Pi being the parameter Pc - the reception (122) of the parameter Pc by the terminal in a message also containing a multimedia content or a control word to be decrypted by the security processor and - the selection (132) by the terminal from among the set of recorded secret codes of the secret code Cc-1 to be used as a function of the parameter Pc or another parameter contained in the same message.

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

(21) Application No.2617/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL RUMINANT FEED

(51) International classification	:A23G 4/00, A23K 1/18	(71)Name of Applicant: 1)AGRICULTURAL RESEARCH ORGANISATION
(31) Priority Document No	:61/329,122	Address of Applicant :P.O.Box 6 50250 Bet -Dagan Israel
(32) Priority Date	:29/04/2010	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)MIRON Joshuah
(86) International Application No	:PCT/IB2011/051873	2)KUSHNIR Uri
Filing Date	:28/04/2011	
(87) International Publication No	:WO/2011/135536	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel feed source for ruminants is prepared from the annual herbaceaous plant Cephalaria joppensis. The herb is raised in the field harvested and treated as hay or ensiled. Feed preparations from the herb can form a substitute to roughage sources of the prior art without degrading the quality of the feed in terms of animal welfare and milk quality and quantity.

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

(22) Date of filing of Application: 07/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ELECTROCHEMICAL CATALYSIS SYSTEM

(51) International classification: B01D53/94,B01J23/00,B01J23/63 (71) Name of Applicant: :1054778

(31) Priority Document No (32) Priority Date :16/06/2010

(33) Name of priority country: France

(86) International Application :PCT/FR2011/051380

:16/06/2011 Filing Date

(87) International Publication :WO 2011/157963

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

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

1)SAINT GOBAIN CENTRE DE RECHERCHES ET

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Address of Applicant :18 Avenue dAlsace F 92400

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SCIENTIFIQUE

3)UNIVERSITE CLAUDE BERNARD LYON 1

(72)Name of Inventor: 1)PRINCIVALLE Agn"s 2)VERNOUX Philippe 3)HADJAR Abdelkader

4)GUIZARD Christian

(57) Abstract:

The present invention relates to an electrocatalytic system for concomitant treatment of oxidising polluting species such as NOx and reducing polluting species such as hydrocarbons (HC) or CO contained in a gas to be purified in particular exhaust gas from a combustion engine said system including: a catalyst A for reducing NOx polluting species; a catalyst B for oxidising hydrocarbon (HC) and CO polluting species; and a compound E that is an electronic and ionic conductor by means of the oxide ions said catalysts A and B being in contact with the compound E said compound E consisting of an oxide that is an ionic and electronic conductor and has the following molar formulation: Cei y z 02 xMyNz where Ce is Cerium; M is an element selected from among: Gd Y Se Sm La Pr Nd Er Tb; y is between 0.01 and 0.4; N is an element having a plurality of valence degrees selected from among: Ti V Cr Mn Fe Co Ni Cu; z is lower than 0.4 and x is greater than 0.05.

No. of Pages: 23 No. of Claims: 11

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: KINK FREE ENDOTRACHEAL TUBE

(51) International classification	:A61M	(71)Name of Applicant:
(31) international classification	16/04	1)Arvindanand M. Rajgure
(31) Priority Document No	:NA	Address of Applicant : Atharva 55 A Swapna-nagari hindu
(32) Priority Date	:NA	rashtra chouk-vijay chouk garkheda Aurangabad.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Arvindanand M. Rajgure
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) A1		•

(57) Abstract:

The present invention provides a kink free endotracheal tube for assisting in respiration for patients under general anesthesia, unconscious patients on ventilator, and paralyzed patients. The endotracheal tube having a first portion, a second portion and a support. The first portion can be disposed in a trachea of a patient. The second portion extending from the first portion. The second portion is extending out of patientTMs mouth for connecting with machines. Further, the support is disposed along the second portion for guiding the first portion and for supporting for preventing any kink in the tube. Also, the supported may be detached after successful insertion of endotracheal tube. Further, the first member and the second member can be are detachably connected.

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

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

(43) Publication Date: 14/02/2014

$(54) \ Title \ of the invention: COMPOSITIONS \ OF \ 5-ETHYL-2-\{4-[4-(4-TETRAZOL-1-YL-PHENOXYMETHYL)-THIAZOL-2-YL]-PIPERIDIN-1-YL\}-PYRIMIDINE$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61K9/14, A61K31/397 :61/357,981 (US) :23/06/2010 :U.S.A. :PCT/US2011/040972 :17/06/2011 :WO/2011/163090	(71)Name of Applicant: 1)METABOLEX INC. Address of Applicant: 3876 Bay Center Place Hayward California 94545 U.S.A. (72)Name of Inventor: 1)MCWHERTER Charles A. 2)MARTIN Robert Louis 3)KARPF David B. 4)ROBERTS Brian K.
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO/2011/163090 :NA :NA	3)KARPF David B.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to the field of pharmaceutical chemistry and more specifically to pharmaceutical formulations as well as to intermediates used to prepare such formulations and to methods for manufacturing such formulations.

No. of Pages: 68 No. of Claims: 54

(19) INDIA

(22) Date of filing of Application :13/09/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: SUSTAINED RELEASE COMPOSITION OF MOSAPRIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	31/166 :NA :NA :NA :NA :NA :NA	Address of Applicant :TITAN LABORATORIES PVT.LTD. 102, TITAN HOUSE,M.P. VAIDYA MARG, 60 FEET ROAD, GHATKOPAR -EAST MUMBAI-400 077, MAHARASHTRA, INDIA (72)Name of Inventor: 1)PIYUSH B. SHAH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)NILAM Y. BHARAMBE
(62) Divisional to Application Number	:NA	
\ / / II		
Filing Date	:NA	

(21) Application No.2608/MUM/2011 A

(57) Abstract:

The present invention relates to a stable sustained release formulation for Mosapride. More specifically, the present invention relates to a stable sustained release formulation of Mosapride which is devoid of any release controlling agent.

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

(22) Date of filing of Application :22/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR THE SEPARATION OF LIGNINS AND SUGARS FROM AN EXTRACTION LIQUOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1054478 :08/06/2010 :France :PCT/EP2011/059020 :01/06/2011 :WO 2011/154293 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE CIMV Address of Applicant: 134 142 Rue Danton F 92300 Levallois Perret France (72)Name of Inventor: 1)DELMAS Michel 2)BENJELLOUN MLAYAH Bouchra
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a process for the separation of lignins and sugars from an extracted liquor comprising in the form of dry matter (DM) lignins and sugars characterized in that it consists in: a) concentrating the extracted liquor in order to obtain a liquor comprising dry matter in a proportion of between 60 and 70%; b) mixing the concentrated liquor with water in equal parts by weight; c) stirring the mixture in order to disperse the lignins and to obtain a stable suspending of the lignins; d) filtering the solution in which process: the mixing is carried out by introducing the concentrated liquor into the water; the temperature of the solution during the suspending is between 50°C and 60°C.

No. of Pages: 15 No. of Claims: 7

(21) Application No.62/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 08/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: DRIVEN AIRCRAFT IN PARTICULAR AN AIRCRAFT DESIGNED AS A FLYING WING AND/OR HAVING A LOW RADAR SIGNATURE

(51) International

:B64D33/02,B64C39/10,B64D27/16

classification

:10 2010 023 938.0

(31) Priority Document No (32) Priority Date

:16/06/2010

(33) Name of priority country: Germany

No

(86) International Application :PCT/DE2011/001218

Filing Date

:14/06/2011

(87) International Publication :WO 2012/010116

(61) Patent of Addition to :NA

Application Number Filing Date

:NA

(62) Divisional to **Application Number**

:NA :NA

Filing Date

(71)Name of Applicant:

1)EADS DEUTSCHLAND GMBH

Address of Applicant: Willy Messerschmitt Strasse 1 85521

Ottobrunn Germany

(72)Name of Inventor:

1)BICHLER Bartholomus 2)DORNWALD Jochen

3)WEDEKIND Gerhard

(57) Abstract:

The invention relates to an aircraft (10) comprising a fuselage body a wing body (12) and at least one drive flow passage (16) which extends from an air inlet (18) directed forward (+x) on the body surface (14) via a jet engine (20) through the body (12) to a propelling nozzle (22) that opens toward the rear (x) on the body surface (14). At least one part of the jet engine (20) in particular the entire jet engine (20) is arranged upstream of the air inlet (18) as viewed in the flying direction (+x) of the aircraft (10) and the drive flow passage (16) has curvature sections (24 28) designed and arranged suitably therefor.

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :03/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR MOLDING THE PLASTIC BODY OF AN AIR INTAKE COLLECTOR FOR INTERNAL COMBUSTION ENGINE

(51) International :F02M35/10,F02M35/104,B29C33/48

classification ... 102W133/10,F02W133 (31) Priority Document No :1055788

(31) Priority Document No :1055/88 (32) Priority Date :16/07/2010 (33) Name of priority

country :France

(86) International

Application No :PCT/EP2011/062108

Filing Date :15/07/2011

(87) International Publication No :WO 2012/007564

(61) Patent of Addition to

Application Number
Filing Date

(62) Divisional to

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(71)Name of Applicant:

1)MANN+HUMMEL GMBH

Address of Applicant: Hindenburgstr. 45 71638 Ludwigsburg,

GERMANY

(72)Name of Inventor:

1)MARTEAU Christophe

2)DOUXAMI Herv

3)WARNERY Stphane

4)SECHET Jocelin

(57) Abstract:

Process for molding in a single piece the body (1) of an intake collector which comprises a plenum (2) comprising an intake orifice (3) and into which opens by a distribution orifice (6) a series of intake conduits (5) equipped with a flared segment (8) surrounding the associated distribution orifice (6) characterized by the following implementation steps: a mold (10) is made which has an inner surface corresponding to the outer surface of the collector body (1) and also openings into an opening in the mold (10) is inserted a mold core (20) constituted of a first core element (21) corresponding to a first portion of the periphery of the plenum (2) and a second core element corresponding to the remaining portion of the periphery of the plenum (2) and also to the flared segments (8) of the intake conduits (5) and comprising flared end pieces (23) projecting from the periphery thereof the collector body (1) is molded the first core element (21) is extracted by sliding it along the second core element (22) the second core element (22) is moved transversely to release the flared end pieces (23) and then it is extracted longitudinally and the collector body (1) is unmolded.

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

(19) INDIA

(22) Date of filing of Application :15/10/2009

(21) Application No.1927/MUMNP/2009 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: ENZYMATIC ANTICANCER THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12Q 1/68 :60/913,039 :20/04/2007 :U.S.A. :PCT/US2008/060733 :18/04/2008 :WO2008/131163 A1 :NA :NA	(71)Name of Applicant: 1)Sigma-Tau Rare Diseases, S. A. Address of Applicant: RUA DOS FERREIROS, 260, 9000- 082 FUNCHAL-MADEIRA, PORTUGAL (72)Name of Inventor: 1)FILPULA, DAVID R. 2)SAPRA, PUJA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

What is provided is a method of treating a patient having a tumor comprising administering an effective amount of adenosine deaminase, preferably polyalkylene oxide conjugated, to a patient in need thereof.

No. of Pages: 67 No. of Claims: 21

(22) Date of filing of Application :07/01/2010 (43) Publication Date : 14/02/2014

(54) Title of the invention : A METHOD AND A DEVICE FOR CONDUCTING CARD TRANSACTIONS INVOLVING SURCHARGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F17/60 :NA :NA :NA	(71)Name of Applicant: 1)ATOS WORLDLINE INDIA PRIVATE LIMITED Address of Applicant: 701 INTERFACE 11, MALAD(WEST), MUMBAI 400064, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BONDRE RM
(87) International Publication No	:N/A	2)KUMAR KRISHNA
(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 a payment processor device for processing card transactions involving surcharge in a card processing network is provided. The method involves combining the surcharge amount and the selling price amount of merchandise and presenting it to the issuing bank in the authorization phase of a card transaction. A payment processor device used for processing the surcharge along with the selling price of the merchandise is also provided.

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

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED SYSTEM AND METHOD FOR DETECTING SYMPTOMS OF HYPOGLYCEMIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/00 :61/344273 :22/06/2010 :U.S.A. :PCT/IL2011/000488 :20/06/2011 :WO 2011/161672 :NA :NA	(71)Name of Applicant: 1)GILI MEDICAL LTD. Address of Applicant: P.O. Box 73 Migdal Haemek Israel (72)Name of Inventor: 1)SCHECHTER Amir
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(57) Abstract:

An improved system and method for detecting a hypoglycemic event of a diabetic individual is provided. The system of the invention includes at least three sensors for monitoring the respective physiological parameter selected from the following list: heart rate motorial activity respiring rate vasoconstriction temperature of the skin and galvanic resistance of the skin of the user. The system automatically alerts the user and/or a member of medical care personnel in a case that at least three different symptoms of a hypoglycemic event each of which associated with a respective physiological parameter simultaneously occur. According to the method of the present invention basal levels and basal rates of changes of the respective physiological parameters are generated and repeatedly updated. These basal levels and/or rates provides for detecting changes that go beyond predefined limits for determining a symptom of a hypoglycemic event which is associated with the respective physiological parameter.

No. of Pages: 23 No. of Claims: 11

(22) Date of filing of Application :04/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: 5 AMINO 3 6 DIHYDRO 1*H* PYRAZIN 2 ONE DERIVATIVES USEFUL AS INHIBITORS OF BETA SECRETASE (BACE)

(51) International :C07D401/10,C07D401/12,C07D403/10

classification

(31) Priority Document :10165336.8

No

(32) Priority Date :09/06/2010

(33) Name of priority :EPO

country

(86) International

Application No :PCT/EP2011/059330

:07/06/2011

Filing Date

(87) International

Publication No :WO 2011/154374

(61) Patent of Addition to :NA

Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)JANSSEN PHARMACEUTICA NV

Address of Applicant : Turnhoutseweg 30 B 2340 Beerse,

BELGIUM

(72)Name of Inventor:

1)TRABANCO SUREZ Andrs Avelino

2)TRESADERN Gary John 3)MACDONALD Gregor James

4)VEGA RAMIRO Juan Antonio

(57) Abstract:

The present invention relates to novel 5 amino 3 6 dihydro 1H pyrazin 2 one derivatives as inhibitors of beta secretase also known as beta site amyloid cleaving enzyme BACE BACE1 Asp2 or memapsin2. The invention is also directed to pharmaceutical compositions comprising such compounds to processes for preparing such compounds and compositions and to the use of such compounds and compositions for the prevention and treatment of disorders in which beta secretase is involved such as Alzheimer's disease (AD) mild cognitive impairment senility dementia dementia with Lewy bodies Down s syndrome dementia associated with stroke dementia associated with Parkinson's disease or dementia associated with beta amyloid.

No. of Pages: 45 No. of Claims: 9

(21) Application No.2566/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 16/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: TERMINAL BLOCK

(51) International classification :H01R4/32,H01R4/30,H01R4/02 (71)Name of Applicant :

(31) Priority Document No :10 2010 027 911.0 (32) Priority Date :19/04/2010

(33) Name of priority country :Germany

(86) International Application No:PCT/EP2011/054399

Filing Date :23/03/2011

(87) International Publication No: WO 2011/131440

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)ENDRESS+HAUSER WETZER GMBH+CO. KG

Address of Applicant : Obere Wank 1 87484 Nesselwang

Germany

(72)Name of Inventor: 1)ISELT Torsten 2)SEEFELD Peter

The invention relates to a device (20) for connecting a measuring sensor to a control/evaluation unit at least one clamping device (1) being fitted to a molded part (7) which clamping device (1) is used to produce a connection between at least one connecting lead of the measuring sensor and at least one connecting lead of the control/evaluation unit. A solder lug (5) is provided wherein said solder lug (5) is used to produce a soldered connection between the connecting lead of the measuring sensor and the clamping device and the solder lug (5) is at least partly configured and used to damp any vibrations that may occur.

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

(21) Application No.2567/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MICROCEMENT LAMINATE AND METHOD FOR OBTAINING SAME

(51) International classification	:B32B13/00,B32B13/02	(71)Name of Applicant:
(31) Priority Document No	:P201030714	1)PLAZA ESTURGO Susana
(32) Priority Date	:13/05/2010	Address of Applicant :LAlzinaret 4 AD500 Andorra la Vella
(33) Name of priority country	:Spain	Samoa
(86) International Application No	:PCT/ES2011/070322	2)MIRO HEREDIA, LIUIS MARIA
Filing Date	:04/05/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/141603	1)MIRO HEREDIA Lluis Maria
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Microcement laminate for covering surfaces that comprises a body having four overlapping layers: a structural base layer (1) a polymeric microcement layer (3) a sealing or priming layer (4) and a surface finishing layer (5) in which the laminate is flexible moldable between 0.3 mm and 4 mm thick and supplied in rolls or tiles for quick and easy application.

No. of Pages: 15 No. of Claims: 12

(21) Application No.2568/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELECTRONIC IMAGING SYSTEM FOR CAPTURING AND DISPLAYING IMAGES IN REAL TIME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)SHIH Shanle Address of Applicant: 12F No.66 WuFu Rd. Wugu Township Taipei County Taiwan 248 China (72)Name of Inventor: 1)SHIH Shanle
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electronic image system for instantly taking and displaying image includes a controller a display device and a left right reflecting module. The controller is provided with a photographing lens for taking image signals and a transmission unit for instantly transmitting the taken image signals. The display device is provided with a receiving unit for receiving the signals from the transmission unit and a display unit for displaying the received image. The left right reflecting module is configured to left right reflect the image signals taken by the photographing lens and then display the left right reflected image on the display device.

No. of Pages: 18 No. of Claims: 9

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: THREE DIMENSIONAL PARKING GARAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:201010226911.8 :09/07/2010 :China	(71)Name of Applicant: 1)NINGBO BANGDA INTELLIGENT PARKING SYSTEM CO. LTD. Address of Applicant: 99 Mujin Road Ningbo National Hi Tech Industrial Development Zone Ningbo Zheijiang 315013 China (72)Name of Inventor:
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A three dimensional parking garage comprises a stereoscopic frame and a vehicle carrying pallet (E) the vehicle carrying pallet (E) includes a left side beam (81) a right side beam (82) and transverse beams therebetween and the stereoscopic frame comprises a former transverse beam (A) former upright columns (B) longitudinal crossbeams (C) and rear upright columns (D) wherein the former transverse beam (A) former upright column (B) longitudinal crossbeam (C) and rear upright column (D) are formed by a nested composite section component respectively. The nested composite section component is composed of a first member (1) and a second member (2) which have same shape and size and overlap and embrace each other to form a column body. The vehicle carrying pallet (E) further comprises an auxiliary frame (9) in which a first parking position plate (31) is set between the auxiliary frame (9) and the left side beam (81) and a second parking position plate (32) is set between the auxiliary frame (9) and the right side beam (82).

No. of Pages: 28 No. of Claims: 8

(21) Application No.2570/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application: 16/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR LENGTH MEASUREMENT AT AN ELECTRODE

(51) International classification :H05B7/06,F27B3/28,F27D21/00 (71)Name of Applicant:

(31) Priority Document No :10164644.6 (32) Priority Date :01/06/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/058678

:26/05/2011 Filing Date

(87) International Publication :WO 2011/151256

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

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

1)DANGO & DIENENTHAL MASCHINENBAU GMBH

Address of Applicant : Hagener Strae 103 57072 Siegen

Germany

(72)Name of Inventor: 1)DIENENTHAL Jrg

2)MORGENSTERN Hans Uwe

(57) Abstract:

A method and an apparatus for measurement of the length of an electrode (14) and for determination of the position of a consumable cross section (17) of the electrode (14) in an electrical oven (10) in which the measurement is carried out by means of radar such that a radar transmitting/receiving device (22) is connected by means of a waveguide connecting device (21) to a waveguide (20) which is arranged at the electrode (14) and extends in the wear direction (19) of the electrode (14) from an end cross section (18) of the electrode (14) to a consumable cross section (17) of the electrode (14) and the time difference is measured between the transmission of the radar signal and the reception of the echo which is produced by reflection from a discontinuity point of the waveguide in the consumable cross section (17) of the electrode (14).

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

(71)Name of Applicant:

(19) INDIA

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CATALYST COMPONENT FOR OLEFIN POLYMERIZATION REACTION AND CATALYST COMPRISING SAME

		(/ 1)2 (unite of 12ppinouse t
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08F4/643,C08F10/00 :201010152784.1 :22/04/2010 :China :PCT/CN2011/000709 :22/04/2011 :WO 2011/131033	1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :No. 22 Chaoyangmen North Street Chaoyang District Beijing 100728 China 2)BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CHINA PETROLEUM & CHEMICAL CORPORATION (72)Name of Inventor: 1)GAO Mingzhi
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/CN2011/000709 :22/04/2011 :WO 2011/131033 :NA :NA	(72)Name of Inventor:
Filing Date	:NA	7)CAI Xiaoxia 8)LI Xianzhong 9)MA Jiying

(57) Abstract:

A catalyst component for olefin polymerization reaction and a catalyst comprising same are provided. The catalyst component comprises magnesium titanium halogen and electron donor wherein the electron donor is selected from at least one of diol ester compounds. The activity and stereospecificity of the catalyst are improved greatly when the diol ester contains a certain amount of isomer which has the Fischer Projection of (II) and especially the isotactic index of the obtained polymer is improved greatly when a polymer of high melt index is produced.

No. of Pages: 34 No. of Claims: 22

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: EXHAUST GAS PURIFYING CATALYST AND METHOD FOR PRODUCING SAME

(51) International classification :B01J23/63,B01D53/94,F01N3/10 (71)Name of Applicant: (31) Priority Document No :2010157146 1)MITSUI MINING & SMELTING CO. LTD. (32) Priority Date :09/07/2010 Address of Applicant: 111 1 Osaki Shinagawa ku Tokyo (33) Name of priority country :Japan 1418584, Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/065767 1)SATO Takahiro No :11/07/2011 Filing Date 2)NAKAHARA Yuunosuke (87) International Publication 3)MACHIDA Masato :WO 2012/005375 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Disclosed are: a carrier for an exhaust gas purifying catalyst containing aluminum borate represented by AlO·2BO (formula (9)) modified with 0.3 to 2 mass% of LaO in relation to the mass of aluminum borate; an exhaust gas purifying catalyst containing the aforementioned carrier and Pd or Pd+Ba supported on said carrier; an exhaust gas purifying catalyst structure which contains a catalyst support body formed from a ceramic or a metal material and a layer of the exhaust gas purifying catalyst supported on the catalyst support body and which may also contain an Rh catalyst layer supported on the layer of the exhaust gas purifying catalyst; and a method for producing the exhaust gas purifying catalyst.

No. of Pages: 32 No. of Claims: 6

:NA

:NA

(19) INDIA

(22) Date of filing of Application :09/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: I.V. INFUSION OR BLOOD COLLECTION APPARATUS

(51) International (71)Name of Applicant: :A61M5/158,A61B5/153,A61M25/06 classification 1)HOWELL Julie C. (31) Priority Document No :61/399629 Address of Applicant :2009 Galena Chase Drive Indian Trail NC 28079 U.S.A. (32) Priority Date :15/07/2010 (33) Name of priority 2)TAYLOR Michael A. :U.S.A. country 3)HIGDON John F. (86) International 4)ROSENTHAL Robert G. :PCT/US2011/044114 Application No 5)KUMAR Sanjiv :15/07/2011 Filing Date (72)Name of Inventor: (87) International 1)HOWELL Julie C. :WO 2012/009599 Publication No 2)TAYLOR Michael A. (61) Patent of Addition to 3)HIGDON John F. :NA **Application Number** 4)ROSENTHAL Robert G. :NA Filing Date 5)KUMAR Sanjiv (62) Divisional to

(57) Abstract:

Application Number

Filing Date

An I.V. infusion or blood collection apparatus comprises an I.V. infusion set (100) and a safety shield (200). The I.V. infusion set has a wing body (105) from which a pair of wings (140) extend outward there from and a grip (145) extending upward there from. One end of the wing body mounts a needle (120) or catheter and medical tubing (130) is connected to the opposite end. The wing body includes a bore so that fluid flows between the needle and the medical tubing. A safety shield has a top a bottom and opposing side walls and defines a cavity (227) that is adapted to receive the I.V. infusion set. The safety shield has slots (250) in each of the side walls and a slot (255) in the top. The respective wings and grip are adapted to be positioned in the slots and to slidably move therein. The slot in the top includes a lock that is adapted to receive the grip so that when the needle is retracted into the cavity; the grip is permanently captured therein thus locking the needle in the fully retracted safety position.

No. of Pages: 38 No. of Claims: 10

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : CONTROLLED SYNTHESIS OF INORGANIC/HYDROXIDE NANOPARTICLES USING CONTINIOUS ULTRASONIC CAVITATION TECHNIQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C25B 1/00, C25B 1/16 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NORTH MAHARASHTRA UNIVERSITY, JALGAON Address of Applicant: DEPARTMENT OF CHEMICAL TECHNOLOGY, NORTH MAHARASHTRA UNIVERSITY, JALGAON (MS), INDIA (72)Name of Inventor: 1)DR. NAVINCHANDRA G SHIMPI 2)PROF. DR. SATYENDRA MISHRA 3)MR. HARISHCHANDRA A SONAWANE 4)MR. ANANDA D MALI
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(57) Abstract:

This invention relates to a process for the preparation of highly dispersed inorganic/hydroxide nanoparticles of 30 to 40 nm in size. The basic of the reaction for synthesis of inorganic/hydroxide nanoparticles is to control reaction at molecular level for regulating particle size. The idea relates to intimate contact of reactants under ultrasonic waves and prevent the resultant nano particles to form aggregates. Accordingly, the present invention is of ultrasonic cavitation technique for the preparation of highly dispersed inorganic/hydroxide nanoparticles.

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

(21) Application No.2193/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ULTRA WIDEBAND ANTENNA

(51) International classification	H04B7/10, G01S3/50,	,
(31) Priority Document No	:NA	Bridge Vasna Ahmedabad 380 007 Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Modi Anuj Yashodhar
(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 an UWB planar antenna (3) of self complementary type consists of a symmetrical pair of radiator (5) separated by a spark gap (4). In a preferred embodiment each radiator (5) of said symmetrical pair for transmitting and/or receiving an electromagnetic wave is fabricated from a flat planar triangular metallic sheet of thickness (11) by longitudinally cutting plurality of vertical slots of equal width from vertical top edges of the upper surface said flat planar triangular metallic sheet to up to an offset vertical distance from the base (1) of said flat planar triangular metallic sheet so as to have a vacuum slot (2) of width (9) and its complementary metal part alternatively throughout the width of the each radiator (5).

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

(21) Application No.3/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 01/01/2013 (43) Publication Date: 14/02/2014

:NA

(54) Title of the invention: ROLLING LINE AND RELATIVE METHOD

(51) International classification :B21B1/46,B21B13/22 (71)Name of Applicant : (31) Priority Document No :UD2010A000116

(32) Priority Date :14/06/2010

(33) Name of priority country :Italy

(86) International Application No :PCT/IB2011/001319 Filing Date :14/06/2011

(87) International Publication No :WO 2011/158090

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

1)DANIELI & C. OFFICINE MECCANICHE SPA

Address of Applicant: Via Nazionale 41 I 33042 Buttrio Italy

(72)Name of Inventor:

1)BENEDETTI Gianpietro

2)BOBIG Paolo

(57) Abstract:

Filing Date

A rolling line (10) for the production of flat products (111) comprises a casting machine (12) suitable to continuously cast a thin slab (11) a temperature maintenance and homogenization unit (18) a rolling unit (22) comprising at least a double rolling stand (23a 23b) of the Steckel reversing type downstream of the temperature maintenance and homogenization unit (18) at least a forming stand or roughing stand (20) directly connected immediately to the exit of the casting machine (12) and upstream of the temperature maintenance and homogenization unit (18) and suitable to reduce the thickness of the slab (11) just solidified. The forming stand or roughing stand (20) is configured to perform an adaptive reduction of the thickness of the cast slab (11) smaller than or equal to about 65% at least as a function of the thickness width and type of material of the finished flat product. The rolling unit (22) is configured to perform a reduction of the reduction of the thin slab (11) coming from the temperature maintenance and homogenization unit (18) to a thickness comprised between about 1.2 mm and about 20 mm by means of at most three double rolling passes through the double rolling stand (23a 23b).

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

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: GASKET FOR PARABOLIC RAMP SELF RESTRAINING BELL JOINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16L27/02 :61/376450 :24/08/2010 :U.S.A. :PCT/US2011/048953 :24/08/2011 :WO 2012/027464 :NA :NA	(71)Name of Applicant: 1)MUELLER INTERNATIONAL LLC. Address of Applicant: 1200 Abernathy Road Suite 1200 Atlanta GA 30328, U.S.A. (72)Name of Inventor: 1)HOLMES William W. IV 2)OWEN William H.
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(57) Abstract:

Gaskets for use with a bell and spigot coupling system are disclosed herein. The gasket comprises an elastomeric member having a front edge a first section and a second section. Axial forces generated by the insertion of the spigot to the first section of the elastomeric member in an axial and radial direction.

No. of Pages: 42 No. of Claims: 16

(22) Date of filing of Application :16/12/2009 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ELECTROSTATIC SPRAYING DEVICE AND A METHOD OF ELECTROSTATIC SPRAYING

(51) International classification	:B05B 5/025, B05B5/047	(71)Name of Applicant: 1)QUEEN MARY & WESTFIELD COLLEGE
(31) Priority Document No	:0709517.7	Address of Applicant :MILE END ROAD, LONDON E1 4NS,
(32) Priority Date	:17/05/2007	UNITED KINGDOM, GREAT BRITAIN.
(33) Name of priority country	:GB	(72)Name of Inventor :
(86) International Application No	:PCT/GB2008/001708	1)STARK JOHN P W
Filing Date	:19/05/2008	2)ALEXANDER MATTHEW S.
(87) International Publication No	:WO/2008/142393	3)PAINE MARK D.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)SMITH KATE L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An Electrostatic Spraying Device and a Method of Electrostatic Spraying An electrostatic spraying device (1) and method for dispensing a controlled volume of liquid in pulses using an emitter (2) having a spray area (29) from which the liquid can be sprayed, a means for injecting charges into the liquid, whereby, in use, the liquid (3) is delivered to the spray area by electrostatic forces and electrostatic spraying occurs in one or more pulses whilst the charges are injected. The charges may be injected by a time-varying or constant non-zero electric field so that electrospray occurs above a threshold value.

No. of Pages: 69 No. of Claims: 21

(22) Date of filing of Application :09/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : ON-CHIP LOW VOLTAGE CAPACITOR-LESS LOW DROPOUT REGULATOR WITH Q-CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G05F1/575 :61/329,141 :29/04/2010 :U.S.A. :PCT/US2011/034067 :27/04/2011 :WO/2011/139739 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor: 1)ZHANG Junmou 2)CHUA-EOAN Lew G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and method for a capacitor-less Low Dropout (LDO) voltage regulator. An error amplifier is configured to amplify a differential between a reference voltage and a regulated LDO voltage. Without including an external capacitor in the LDO voltage regulator, a Miller amplifier is coupled to an output of the error amplifier, wherein the Miller amplifier is configured to amplify a Miller capacitance formed at an input node of the Miller amplifier. A capacitor coupled to the output of the error amplifier creates a positive feedback loop for decreasing a quality factor (Q), such that system stability is improved.

No. of Pages: 23 No. of Claims: 25

(22) Date of filing of Application :09/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPUTER SYSTEM MANAGEMENT METHOD AND MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 11/34 :2010-161724 :16/07/2010 :Japan :PCT/JP2010/062696 :28/07/2010 :WO/2012/008058 :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6-6 Marunouchi 1-chome Chiyoda-ku Tokyo Japan (72)Name of Inventor: 1)NAGAI Takayuki 2)KUNII Masashi 3)MASUDA Mineyoshi 4)KURODA Takaki
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(57) Abstract:

There is provided a failure analysis function capable of reducing the time required to resolve a failure in a piece of equipment to be monitored. When the failure analysis function senses that the status of a piece of equipment which had been abnormal has returned to normal, it displays, of failure analysis results, one based on an equipment abnormality which has been resolved in a GUI separately from the other analysis results. If a failure analysis result is derived based on a plurality of failure events, the failure analysis function displays the failure analysis result in the GUI separately from the other failure analysis results when all of the failure events are confirmed to be resolved.

No. of Pages: 66 No. of Claims: 14

(21) Application No.66/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : MARKERS FOR THE PROGNOSIS AND RISK ASSESSMENT OF PREGNANCY INDUCED HYPERTENSION AND PREECLAMPSIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N33/74 :10290332.5 :18/06/2010 :EPO :PCT/EP2011/003018 :17/06/2011 :WO 2011/157445 :NA	(71)Name of Applicant: 1)CEZANNE S.A.S. Address of Applicant: 280 Alle Graham Bell Parc Scientifique Georges Besse F 30035 N®mes Cedex 1 France (72)Name of Inventor: 1)DARBOURET Bruno 2)DEMIRDJIAN Gaian
1 (81110 01	:NA :NA :NA	

(57) Abstract:

The present invention relates to the prognosis and risk assessment in pregnant women to develop pregnancy induced hypertension and/or preeclampsia by the determination of marker levels.

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

(21) Application No.2621/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR DETERMINING ONE OR MORE CHARACTERIZING FEATURES OF A MACROMOLECULE AND AN APPARATUS FOR CARRYING OUT SAID METHOD

(51) International :B03C1/033,C12Q1/68,G01N33/543 classification

(31) Priority Document No :2004928

:21/06/2010 (32) Priority Date (33) Name of priority country: Netherlands

(86) International :PCT/NL2011/050446 Application No

:21/06/2011 Filing Date

(87) International Publication :WO 2011/162603

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

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

(71)Name of Applicant:

1)TECHNISCHE UNIVERSITEIT DELFT

Address of Applicant :1 Stevinweg NL 2628 CN Delft

Netherlands

(72)Name of Inventor: 1)DEKKER Nynke

2)KERSSEMAKERS Jacob

3)LIPFERT Jan

(57) Abstract:

The invention concerns a method and apparatus for determining one or more characterizing features of a macromolecule in particular torque and/or twist of nucleic acids like DNA using magnetic fields.

No. of Pages: 41 No. of Claims: 17

(21) Application No.2627/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : WATER-STOP AGENT FOR WATER-IMPERVIOUS SHEET AND METHOD FOR REPAIRING WATER-IMPERVIOUS SHEET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:27/05/2011 :WO/2011/149050	(71)Name of Applicant: 1)OBAYASHI CORPORATION Address of Applicant: 15-2 Konan 2-chome Minato-ku Tokyo 1088502 Japan 2)DYFLEX CORPORATION (72)Name of Inventor: 1)SHIBATA Kenji 2)YANO Noriyoshi 3)TANIHARA Daisuke
(87) International Publication No		2)YANO Noriyoshi

(57) Abstract:

Provided is a waterproofing agent for repairing a damaged portion of a waterproof sheet spread on the ground the waterproofing agent being a urethane-based waterproofing agent obtained by mixing a primary agent containing an isocyanate component and a curing agent containing a caster oil-modified polyester polyol and a plasticizing agent component.

No. of Pages: 45 No. of Claims: 5

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED FIXATING COMPONENT FOR A FIXTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16B21/07 :1007257.7 :29/04/2010 :U.K. :PCT/EP2011/056865 :29/04/2011 :WO 2011/135087 :NA	(71)Name of Applicant: 1)MATERIALISE NV Address of Applicant: Technologielaan 15 B 3001 Leuven Belgium (72)Name of Inventor: 1)MASSOELS Jo
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a fixture and/or locator for supporting and positioning and/or calibrating an object comprising a male or female portion of an interlock mechanism the fixture and/or locator comprising: at least one fixating (2) component for holding the object in a fixed position characterized in that the at least one fixating component comprises a locking element (3) configured for receiving the male portion and a release element (4) for releasing the male or female portion from the locking element by actuating the release element.

No. of Pages: 38 No. of Claims: 15

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING A MAGNETO INDUCTIVE FLOW METER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/05/2011 :WO 2011/157491 :NA :NA	(71)Name of Applicant: 1)ENDRESS+HAUSER FLOWTEC AG Address of Applicant: Kgenstrasse 7 CH 4153 Reinach Switzerland (72)Name of Inventor: 1)KERROM Roger 2)TSCHUDIN Beat
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing a magneto inductive flow meter by encapsulating an electrode with liquefied plastic wherein the electrode is produced from an electrically conductive material and has at least one first peripherally extending cut in which is perpendicular to a longitudinal extension of the electrode wherein the electrode is positioned in a tool and encapsulated with liquefied plastic at least in some sections wherein the first cut in of the electrode is encapsulated at least in some sections with liquefied plastic. The invention further relates to a magneto inductive flow meter for measuring the volume or mass flow of a medium in a pipe comprising a measuring tube through which the medium flows in the direction of the longitudinal axis of the measuring tube a magnet system designed such that it generates a magnetic field which permeates the measuring tube and runs substantially transversely to the longitudinal axis of the measuring tube at least one measuring electrode which is coupled to the medium and arranged in a bore in the wall of the measuring tube in a region that is located substantially perpendicularly to the magnetic field said flow meter being obtained by such a method.

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

(21) Application No.67/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : POLYMERIZATION REACTORS FOR THE PREPARATION OF SUPERABSORBENT POLYMER AND PREPARATION METHOD THEREOF USING THE SAME

(32) Priority Date(33) Name of priority country(86) International Application	:22/06/2010 :Republic of Korea	Address of Applicant :20 Yoido dong Youngdungpo gu Seoul 150 721 Republic of Korea
. , 1	:Republic of Korea	1150 721 Republic of Korea
(86) International Application		1
No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	(72)Name of Inventor: 1)LEE Sang Gi 2)KIM Gi Cheul 3)KIM Kyu Pal 4)PARK Sung Soo 5)WON Tae Young 6)LEEM Gyu 7)HAN Chang Sun
Filing Date (62) Divisional to Application		6)LEEM Gyu

(57) Abstract:

Disclosed is a polymerization reactor for the preparation of a superabsorbent polymer and a method for preparing a superabsorbent polymer using the same. More particularly the polymerization reactor may evenly supply polymerization energy to both sides of a sheet type polymer and more efficiently progress to increase productivity and residual monomer contents may be minimized to prepare a superabsorbent polymer with excellent properties.

No. of Pages: 36 No. of Claims: 18

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: A SYSTEM OF CONSTRUCTION ELEMENTS FOR THE DRY CONSTRUCTION OF STRUCTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:P.392053 :03/08/2010 :Poland	(71)Name of Applicant: 1)HCH SPLKA Z.O.O. Address of Applicant: Ostrobramska 101 PL 04 041 Warszawa Poland (72)Name of Inventor: 1)HAINTZE Jerzy 2)HAINTZE Andrzej
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(57) Abstract:

This invention concerns a system of construction elements for the dry construction of a structure by way of shaped protrusions for mutual connection during assembly. It consists of construction element modules for raising walls the ceiling and roof and that the module consists of two elements with adjacent sides connected by a third element creating a self tightening connection and the shaped protrusions of construction elements have two lateral contact surfaces guiding (1) and self tightening (2) inclined at specific angles a and and these angles are determined respectively between the perpendicular to the upper or lower protrusion surface and the guiding or self tightening surface. The invention also includes applications of the specified system for raising compact and low structures as well as for completing walls in buildings with skeletal constructions and also as a block system for raising miniature constructions.

No. of Pages: 41 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTROL OF INTERCONNECTED TROLLEYS

(51) International classification	:B66C9/14,B66C13/30	(71)Name of Applicant:
(31) Priority Document No	:20105838	1)KONECRANES PLC
(32) Priority Date	:05/08/2010	Address of Applicant :Koneenkatu 8 FI 05830 Hyvink Finland
(33) Name of priority country	:Finland	(72)Name of Inventor:
(86) International Application No	:PCT/FI2011/050669	1)PORMA Mikko
Filing Date	:21/07/2011	
(87) International Publication No	:WO 2012/017131	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.91/MUMNP/2013 A

(57) Abstract:

refref_A_finrefref_A_finA_nomB_nomA_nomB_nom TATBLALBA hoist trolley assembly that comprises a first hoist trolley (11) drive equipment for the first hoist trolley a second hoist trolley (12) drive equipment for the second hoist trolley and a control system the first hoist trolley (11) being connected to the second hoist trolley (12) both the drive equipment of the first hoist trolley and the drive equipment of the second hoist trolley comprising an electric motor the control system being adapted to receive a preliminary speed reference (n) for the interconnected first hoist trolley (11) and second hoist trolley (12) and to form a final speed reference (n) for the first hoist trolley (11) by using initial data that comprise the preliminary speed reference (n). In forming the final speed reference (n) the control system is adapted to use a hoist trolley coefficient Krb that is calculated by (formula) wherein T = the rated torque of the electric motor of the first hoist trolley T = the rated torque of the electric motor of the second hoist trolley T = nominal speed of the first hoist trolley T = nominal speed of the first hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the first hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the first hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of the second hoist trolley T = nominal speed of

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

(22) Date of filing of Application :26/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF BONDING ALUMINUM ALLOY MATERIALS TO EACH OTHER

(51) International classification	:B23K20/16,B23K 20/00	(71)Name of Applicant: 1)FURUKAWA-SKY ALUMINUM CORP.
(31) Priority Document No	:2010-129289 (JP)	Address of Applicant :14-1 Sotokanda 4-chome Chiyoda-ku
(32) Priority Date	:04/06/2010	Tokyo 1018970 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/062899	1)Takashi MURASE
Filing Date	:06/06/2011	2)Kazuko FUJITA
(87) International Publication No	:WO/2011/152556	3)Akio NIIKURA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[Problem] To provide a novel bonding method featuring superior bondability and high reliability without using any bonding material in a furnace. [Resolving Means] A method of bonding two members to each other wherein an aluminum alloy material is defined as one of the members to be bonded and wherein either an aluminum alloy material or a pure aluminum material is defined as the other member to be bonded the method being characterized in: that the aluminum alloy material for the one member and the aluminum alloy material for the other member are composed of an aluminum alloy containing Mg of not more than 0.5 mass %; and that a bonding process is carried out in a furnace having a non-oxidizing atmosphere at a temperature at which a ratio of a mass of liquid phases generated in the aluminum alloy material

No. of Pages: 75 No. of Claims: 10

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REHYDRATABLE FOOD

(51) International

:A23L1/212,C07K14/415,C12N15/82

classification

(31) Priority Document No :10165272.5

(32) Priority Date(33) Name of priority

:08/06/2010

:WO 2011/154253

country

:EPO

:NA

:NA

:NA

Country

(86) International

Application No :PCT/EP2011/058539 :25/05/2011

Filing Date

(87) International

Publication No

(61) Patent of Addition to Application Number

Filing Date

(62) Divisional to Application Number

Filing Date :NA

(71)Name of Applicant:

1)HINDUSTAN UNILEVER LIMITED

Address of Applicant :Unilever House B.D. Sawant Marg Chakala Andheri East Mumbai 400 099 Maharashtra India

(72)Name of Inventor:

1)BERRY Mark John

2)CASEY John

3) GUNGABISSOON Ravine Anthony

4)ORMEROD Andrew Paul 5)REDFERN Sally Pamela 6)SILVA DE Jacqueline 7)WILKINSON Joy Elizabeth

(57) Abstract:

Use of dried rehydratable food such as in a dried soup a dried beverage a breakfast cereal a yoghurt and a dried sauce is widespread. However it has been observed that when the dried components are fruit and/or vegetable the components on rehydration do not resemble the fruit and/or vegetable before desiccation. That is to say they no longer have a fresh appearance but are discoloured and lack firmness. This transformation is due to cellular damage which occurs during desiccation. In particular it is thought that phospholipid membranes are destabilised by insertion of cellular amphiphiles phase transition into the gel phase and membrane fusion. This invention seeks to solve the above mentioned technical problem by providing amongst other things a dried rehydratable food which is a fruit vegetable or part thereof which on rehydration has improved appearance texture and rehydration properties. In particular a dried rehydratable food is provided the food comprising less than 10% w/w water and at least 0.02% w/w of a dehydrin protein and derivatives thereof the dehydrin protein and derivatives thereof comprising an amino acid sequence selected from the group consisting of K I K E K L P G; K I K E/D K L/I P G; and K I K E/D K L/I/TA/ P/H/S G and wherein the dried rehydratable food is unbroken tissue of a vegetable or part thereof and/or a fruit or part thereof and not a seed wherein the unbroken tissue has a shortest linear dimension of at least 0.5 millimetres preferably a shortest linear dimension of 0.5 to 25 more preferably 0.5 to 10 millimetres. A food product comprising the dried rehydratable food and methods for manufacturing the dried rehydratable food are also provided.

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

(12) THE ENTER PROPERTY OF THE PROPERTY OF THE

(21) Application No.2598/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PRESSURE VESSEL

(51) International classification	:B65D88/12, F16J12/00,B23K9/00	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES MACHINERY
(31) Priority Document No	:2011040723	TECHNOLOGY CORPORATION
(32) Priority Date	:25/02/2011	Address of Applicant :6-22, KAN-ON-SHIN-MACHI 4-
(33) Name of priority country	:Japan	CHOME, NISHI-KU, HIROSHIMA 733-8553, Japan
(86) International Application No	:PCT/JP2011/060670	(72)Name of Inventor:
Filing Date	:09/05/2011	1)URAKAMI Yoshihito
(87) International Publication No	:WO 2012/114540	2)NISHIHARA Yoshikazu
(61) Patent of Addition to Application	:NA	3)TATEMI Hiroki
Number	:NA	4)MORIBE Takashi
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a pressure container having a weld structure in which a plate material subjected to pressure or load is welded to wall surface members such as a barrel plate and an end plate the pressure container being configured so that the concentration of stress in the weld structure is relaxed to minimize an increase in the amount of welding and in the thickness of the wall surface members. A pressure container has a weld structure portion in which an end of a top plate (22) which is mounted so as to partition the inside of the container body and which is subjected to pressure or load is welded to a wall surface member (30) of the container body. The weld structure portion is provided with shape displacement points located at at least two portions including a weld (40) the two portion being the weld (40) and a stepped section (50).

No. of Pages: 21 No. of Claims: 2

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: INFLATABLE DEVICE CAPABLE OF GLIDING IN PARTICULAR OVER WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:16/05/2011 :WO 2011/161342 :NA :NA	(71)Name of Applicant: 1)DECATHLON Address of Applicant: 4 Boulevard de Mons F 59650 Villeneuve dAscq France (72)Name of Inventor: 1)SAHUN Stephan 2)CHRISTYN DE RIBAUCOURT Jean 3)GALLET Axelle 4)HELIE Christophe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an inflatable device capable of acting as a glide medium for at least one person which can in particular be used for bodyboard devices for gliding over water or snow. The device includes at least one first bag (1) made of a flexible material having a means (2) for feeding a fluid therein and capable of being inflated by said fluid at least one stabilization means (3) connected to the first bag and capable of being arranged between or rigidly connected to the upper portion of the legs of a person and means (5 6) for positioning the hands preferably arranged on the first bag (1). Thus the proper stabilization of the device beneath the person during a gliding phase is ensured.

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

(22) Date of filing of Application :09/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR THREE MEMRISTOR SYNAPSE WITH STDP AND DOPAMINE SIGNALING

(57) Abstract:

The present disclosure proposes implementation of a three memristor synapse where an adjustment of synaptic strength is based on Spike Timing Dependent Plasticity (STDP) with dopamine signaling.

No. of Pages: 46 No. of Claims: 27

(21) Application No.94/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLOATING DEVICE AND METHOD OF USING THE SAME

(51) International classification :E02B3/00,B65D88/36 (71)Name of Applicant : (31) Priority Document No 1)TOP IT UP LTD. :61/356677 (32) Priority Date Address of Applicant: 32 Ben Gurion Street 47321 Ramat :21/06/2010 (33) Name of priority country HaSharon Israel :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/IL2011/000492 Filing Date :21/06/2011 1)BIRGER Zeev (87) International Publication No :WO 2011/161675 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A floating device is disclosed. The device comprises a first cup member and a second cup member each having a base and an open end the first cup member being formed with an opening at a center of a respective base. In some embodiments of the present invention the device comprises a connector member having a peripheral wall fittingly connected to the open ends and enclosing a barrier. The peripheral wall is preferably formed with openings arranged between the barrier and the first cup member such that when the floating device contacts a liquid the liquid enters through the openings into the first cup member to submerge the first cup member and to impart a restorable upright orientation to the device.

No. of Pages: 77 No. of Claims: 74

(21) Application No.87/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : REINFORCING STRUCTURE AND CONSTRUCTION METHOD FOR GREENING VEGETATION ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)CHANG Yushun Address of Applicant: Heng Tang 128 Industrial Area Tangxia Town Dongguan Guangdong 523000 China (72)Name of Inventor: 1)CHANG Yushun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A reinforcing structure and a construction method for greening vegetation articles are provided. The reinforcing structure for greening vegetation articles comprises a vegetation article formed on a surface of an area to be greened a locating cover (2) a locating component (3) and a rope (4). The locating component is pressed into the area to be greened. A rotating supporting pivot (31) is arranged on the locating component. One end of the rope is fixedly connected to the rotating supporting pivot and the other end is exposed out of the area to be greened and passes through the vegetation article to reach the locating cover. The locating cover fixedly clamps the other end of the rope and presses the vegetation article. The rope can pull the locating component to rotate when the locating component is pressed into the area to be greened which ensures that the locating component generates a large tension resistance in the area to be greened and can not be pulled out of the area to be greened easily. At the same time the locating cover is further pulled to tightly press on the vegetation article by the rope so that the vegetation article can be firmly located on the surface of the area to be greened. The structure has good fixing effect and can effectively replace traditional anchoring rod.

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

(22) Date of filing of Application: 10/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: REAL TIME MONITORING PARAMETRIC PROFILING AND REGULATING CONTAMINATED OUTDOOR AIR PARTICULATE MATTER THROUGHOUT A REGION VIA HYPER SPECTRAL IMAGING AND ANALYSIS

:G01W1/00,G01N21/64 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/344314 (32) Priority Date :28/06/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/000514 Filing Date :28/06/2011

(87) International Publication No :WO 2012/001686

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

1) GREEN VISION SYSTEMS LTD.

(21) Application No.93/MUMNP/2013 A

Address of Applicant: 27 HaBarzel Street Ramat HaHayal

6971039 Tel Aviv Israel (72)Name of Inventor: 1)MOSHE Danny S.

(57) Abstract:

(19) INDIA

Real time monitoring parametric profiling and regulating contaminated outdoor air particulate matter throughout a region via hyper spectral imaging and analysis. Includes: (12) real time sampling and hyper spectrally imaging and analyzing contaminated outdoor air particulate matter simultaneously at separate locations throughout the region for generating local contaminated outdoor air particulate matter data information packages; (14) real time measuring outdoor weather meteorological conditions simultaneously at the locations synchronized with the real time sampling imaging and analyzing for generating local outdoor weather meteorological conditions data information packages; (16 18) real time processing and analyzing the local data information packages for generating sets of local and regional geographical distribution parametric data information profiles of contaminated outdoor air particulate matter showing real time local and regional geographical distributions of qualitative or/and quantitative parameters of contaminated outdoor air particulate matter via a global data information processing and communications unit. Particularly suitable for monitoring profiling maintaining operating and controlling developing and planning infrastructure and vehicular traffic of human populated regions.

No. of Pages: 113 No. of Claims: 34

(22) Date of filing of Application: 10/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD OF PROTECTING A CONTENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F21/00,H04N7/167 :1056000 :22/07/2010 :France :PCT/EP2011/062368	 (71)Name of Applicant: 1)VIACCESS Address of Applicant: Les Collines de l'Arche Tour Opra C F 92057 Paris La Defense Cedex France (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:19/07/2011 :WO 2012/010603 :NA :NA :NA	1)NEAU Louis

(21) Application No.92/MUMNP/2013 A

(57) Abstract:

(19) INDIA

The invention relates to a method of protecting a content to be distributed to a pool of receiving terminals connected to a content distribution network and each having a specific level of security dependent on the technical security means used method comprising the following steps: at the sending end generating a scrambling key for said content transforming said scrambling key by a first calculation module 26 arranged at the head of said content distribution network scrambling the content by the transformed key transmitting the scrambled content and the scrambling key to the terminals and on receipt of said content and the scrambling key by a terminal transforming said scrambling key by a second calculation module arranged in said terminal descrambling the content with the transformed scrambling key method characterized moreover by the steps consisting in at the sending end applying to said scrambling key by means of said first calculation module a function F defined as a function of said specific security level and on receipt applying to said scrambling key by means of said second calculation module a function F defined as a function of said specific security level.

No. of Pages: 19 No. of Claims: 15

(21) Application No.98/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEMS FOR AND METHODS OF MANAGING LICENSES IN WELDING EQUIPMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B23K9/10,B23K9/32,B23F21/00 :12/839890 :20/07/2010 :U.S.A.	(71)Name of Applicant: 1)LINCOLN GLOBAL INC. Address of Applicant: 17721 Railroad Street City of Industry CA 91748 U.S.A.
(86) International Application No Filing Date	:PCT/IB2011/001695 :20/07/2011	(72)Name of Inventor : 1)HILLEN Edward D. 2)BRANT Dmitry
(87) International Publication No	:WO 2012/010957	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of and system for managing licenses in a welding system (100) are described. The system includes a welding system (100) with a memory (112) for storing an unlicensed first optional welding function a license management system (300) for storing a first license for the unlicensed first optional welding function and a facilitation system (200) for obtaining the first license from the license management system (300) and providing it to the memory (112) of the welding system (100) to license the first optional welding function.

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

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PLANTING UNIT DRIVE FOR PLANTER

	:A01C	(71)Name of Applicant :
(51) International classification	5/00, A01C	1)DEERE & COMPANY
	5/08	Address of Applicant :ONE JOHN DEERE PLACE,
(31) Priority Document No	:61/511,707	MOLINE, ILLINOIS, 61265-8098, U.S.A.
(32) Priority Date	:26/07/2011	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)NEDVED PETER R
(86) International Application No	:NA	2)VAN ITALLIE BRYAN P
Filing Date	:NA	3)YANG XINZHAN Z
(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:

A planting unit drive for a planting machine is provide wherein the plant spacing control mechanism is external to the transmission, such as at a rear of the machine. One mechanism uses the output shaft 22 from the transmission to drive a chain and sprocket plant spacing control mechanism. Another embodiment uses a drive motor which is controlled based on the machine travel speed. Either electric or hydraulic motors can be used.

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

(22) Date of filing of Application :05/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ETHYLENE COPOLYMER WITH IMPROVED ELASTICITY AND PROCESSIBILITY

(51) International classification :C08F210/16,C08F4/6592,B29C45/00

(31) Priority Document No :1020100068383 (32) Priority Date :15/07/2010

(33) Name of priority country :Republic of Korea

(86) International :PCT/KR2011/005227

Application No Filing Date :15/07/2011

(87) International Publication No :WO 2012/008794

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

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

(71)Name of Applicant:

1)SK INNOVATION CO.LTD.

Address of Applicant :99 Seorin dong Jongno gu Seoul 110

110 Republic of Korea (72)Name of Inventor: 1)KWON Seung Bum 2)HAM Hyeong Taek 3)CHAE Sung Seok

4)OH Se Won 5)JUNG Hyun Wook

(57) Abstract:

Provided is an ethylene copolymer with improved elasticity and processibility. More specifically provided is an ethylene copolymer which exhibits a high zero shear viscosity and a large degree of shear thinning degree and shows rheological characteristics behaviors differentiated from products manufactured by using the existing metallocene and Ziegler Natta catalysts. In addition provided is an ethylene copolymer which has a low processing load shows differentiated behavior in Van Gurp Palmen analysis and exhibits excellent Neck in characteristics.

No. of Pages: 58 No. of Claims: 10

(22) Date of filing of Application: 19/11/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: HACKER VIRUS SECURITY-INTEGRATED CONTROL DEVICE

(51) International classification	:G06F21/56	(71)Name of Applicant :
(31) Priority Document No	:10-2010-0071918	1)KIM Ki Yong
(32) Priority Date	:26/07/2010	Address of Applicant :HyunDai Mansion 202 324-58
(33) Name of priority country	:Republic of Korea	Songcheon-dong Gangbuk-gu Seoul 142-815 Republic of Korea
(86) International Application No	:PCT/KR2011/004624	(72)Name of Inventor:
Filing Date	:24/06/2011	1)KIM Ki Yong
(87) International Publication No	:WO/2012/015171	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

A hacker virus security-integrated control device is provided. The hacker virus security-integrated control device is separately operated by implementing existing security programs for viruses, malicious spyware and cloaker programs as an embedded device that is integrated hardware, Thus, the hacker virus security-integrated control device can protect computers and external storage devices from malicious programs that may infect data transmitted from Internet, data transmitted between the computers and data in the external storage devices by implementing, as integrated hardware, a protection and disinfection program for various malicious programs, a protection and disinfection program for spyware, a defense programs for cloakerTMs intrusion and a program for actively coping with new malicious programs, etc., so as to defend intrusion of existing malicious programs and perform disinfection on the existing malicious program, to actively cope with newly generated malicious programs, to defend cloakersTM malicious access to the computers, and to warn the cloakers of their malicious actions.

No. of Pages: 48 No. of Claims: 24

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: BIOMARKERS FOR THE PREDICTION OF INCIDENT CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:17/06/2011 :WO 2011/157446 :NA :NA	(71)Name of Applicant: 1)B.R.A.H.M.S GMBH Address of Applicant: Neuendorfstrae 25 16761 Hennigsdorf Germany (72)Name of Inventor: 1)BERGMANN Andreas 2)STRUCK Joachim 3)MELANDER Olle
1 (41110-41	:NA :NA :NA	

(57) Abstract:

Subject of the present invention is a method of assessing the susceptibility of a subject to acquire cancer and/or assessing the risk of cancer mortality for a subject who has not had clinically manifest cancer and/or does not have clinically manifest cancer at the time when applying this method.

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

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: EXHAUST GAS PURIFYING CATALYST AND PRODUCTION METHOD FOR SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Priving and to Application Number 	:2010156149 :08/07/2010 :Japan :PCT/JP2011/065331 :05/07/2011 :WO 2012/005235 :NA :NA	(71)Name of Applicant: 1)MITSUI MINING & SMELTING CO. LTD. Address of Applicant: 1 11 1 Osaki Shinagawa ku Tokyo 1418584 Japan (72)Name of Inventor: 1)NAKAHARA Yuunosuke 2)HOUSHITO Ohki
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are: an exhaust gas purifying catalyst that includes barium hexaaluminate that supports palladium and barium and wherein the amount of palladium supported is $0.2\ 3.5\%$ by mass when converted to PD metal mass and the amount of barium supported is $1\ 20\%$ by mass when converted to BaO mass based on the barium hexaaluminate mass and the molar ratio between amount of barium supported and the amount of palladium supported is Ba/Pd = $0.5\ 10/1$; an exhaust purifying catalyst structure formed by a catalyst support body made from a ceramic or metal material and a layer supported by said catalyst support body and with the exhaust gas purifying catalyst as the main component thereof; and a production method for same.

No. of Pages: 18 No. of Claims: 5

(21) Application No.45/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF (R) LANSOPRAZOLE

(51) International classification :A61K9/20,A61K9/28,A61K9/50 (71)Name of Applicant:

(31) Priority Document No :1888/MUM/2010 (32) Priority Date :29/06/2010

(33) Name of priority country :India

(86) International Application :PCT/IN2011/000429

No

:28/06/2011 Filing Date

(87) International Publication No:WO 2012/001705

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)CADILA HEALTHCARE LIMITED

Address of Applicant : Zydus Tower Satellite Cross Road

Ahmedabad 380 015 Gujarat India

(72)Name of Inventor:

1)ROY Sunilendu Bhushan

2)KULKARNI Sushrut Krishnaji 3)LALGE Manohar Vishwanath

4) DESHMUKH Vaibhav Panditrao

(57) Abstract:

The present invention relates to stable pharmaceutical compositions of (R) lansoprazole or pharmaceutically acceptable salts thereof and process of preparing the same. The invention particularly provides pharmaceutical compositions of optically active (R) isomer of lansoprazole with at least two functional coating layers.

No. of Pages: 25 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :02/01/2013

(21) Application No.5/MUMNP/2013 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: POULTRY FEEDER

(51) International classification	:A01K5/00, A01K39/012	(71)Name of Applicant: 1)ZUCAMI S. L.
(31) Priority Document No	:P201031022	Address of Applicant :Polig. Morea Norte Calle C n°2 E
(32) Priority Date	:02/07/2010	31191 Beriain (Navarra), Spain
(33) Name of priority country	:Spain	(72)Name of Inventor:
(86) International Application No	:PCT/ES2011/070230	1)ANSOA N MART NEZ Alberto
Filing Date	:05/04/2011	
(87) International Publication No	:WO 2012/001189	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for feeding poultry preventing loss of feed from the feeder owing to actions by the fowl the device comprising a general conduit (7 107) supplying the feed and consisting of a plate (1 101) having a double coaxial wall defining a central chamber (4 104) and an annular chamber (5 105) and of a feeding column (6 106) installed at the bottom center of the central chamber (4 104) and that extends to the general feed supply conduit (7 107) with which the latter is in contact said feeder column (6 106) including two coaxial tubes one fixed inner tube (8 108) that extends from the top of the general conduit (7 107) and another outer tube (9 109) that can move vertically along the fixed inner tube (8 108) between the upper and lower limits.

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

(21) Application No.50/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : PROCESSES FOR PRODUCING CAPROLACTAM AND DERIVATIVES THEREOF FROM FERMENTATION BROTHS CONTAINING DIAMMONIUM ADIPATE OR MONOAMMONIUM ADIPATE

(51) International classification	:C07D223/10,C12P7/44	(71)Name of Applicant :
(31) Priority Document No	:61/355197	1)BIOAMBER S.A.S.
(32) Priority Date	:16/06/2010	Address of Applicant :Route de Pomacle F 51110 Bazancourt
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/US2011/039895	(72)Name of Inventor:
Filing Date	:10/06/2011	1)FRUCHEY Olan S.
(87) International Publication No	:WO 2011/159555	2)MANZER Leo E.
(61) Patent of Addition to Application	:NA	3)DUNUWILA Dilum
Number	:NA	4)KEEN Brian T.
Filing Date	.IVA	5)ALBIN Brooke A.
(62) Divisional to Application Number	:NA	6)CLINTON Nye A.
Filing Date	:NA	7)DOMBEK Bernard D.

(57) Abstract:

Processes for producing caprolactam (CL) and derivatives thereof from adipic acid (AA) obtained from fermentation broths containing diammonium adipate (DAA) or monoammonium adipate (MAA).

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

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE AND METHOD FOR QUANTIFICATION OF GASES IN PLUMES BY REMOTE SENSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N21/00 :PCT/US2010/040330 :29/06/2010 :U.S.A. :PCT/US2010/049151 :16/09/2010 :WO 2012/002979 :NA :NA	(71)Name of Applicant: 1)HAGER ENVIRONMENTAL AND ATMOSPHERIC TECHNOLOGIES LLC Address of Applicant: 7308 Nubbin Ridge Drive Knoxville TN 37919 U.S.A. (72)Name of Inventor: 1)HAGER J. Stewart
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one aspect the present invention relates to a device quantifying absolute amounts of ingredients of a plume. In one embodiment the device comprises a source for emitting a beam of light and transmitting the emitted light through the plume to a surface on which the transmitted light is scattered a detector for acquiring an image of the exhaust plume the acquired image containing information of absorption of the scattered light scattered from the surface and a processor for processing the acquired image to determine an absolute amount of at least one of components of the exhaust plume.

No. of Pages: 53 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :03/01/2013

(21) Application No.13/MUMNP/2013 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHODS

(51) International classification	:A61K38/00, A61P11/00	(71)Name of Applicant: 1)RESPIVERT LIMITED
(31) Priority Document No	:1010196.2	Address of Applicant :50 100 Holmers Farm Way High
(32) Priority Date	:17/06/2010	Wycombe Buckinghamshire HP12 4EG, U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/GB2011/051139	1)CHARRON Catherine Elisabeth
Filing Date	:17/06/2011	2)ITO Kazuhiro
(87) International Publication No	:WO 2011/158042	3)RAPEPORT William Garth
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosure relates to compounds of formula (I) for use in the treatment or prophylaxis of rhinovirus infection methods of treating or preventing rhinovirus infection employing said compounds or pharmaceutical composition comprising the same. The disclosure also relates to compounds of formula (I) for use in the treatment or prophylaxis of exacerbation of respiratory disorders (such as asthma COPD bronchitis and/or cystic fibrosis) by rhinovirus infection.

No. of Pages: 71 No. of Claims: 38

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: N-TYPE METAL-INTERFACIAL SEMICONDUCTOR LAYER-SEMICONDUCTOR (MISS)

	.⊔∩11	(71)Name of Applicant:
(-1)	.поть 29/45.	1
(51) International classification	H01L	Address of Applicant :INDIAN INSTITUTE OF
	29/20	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SAURABH LODHA
(86) International Application No	:NA	2)PRASHANTH PARAMAHANS MANIK
Filing Date	:NA	3)UDAYAN GANGULY
(87) International Publication No	:N/A	4)ANEESH NAINANI
(61) Patent of Addition to Application Number	:NA	5)MATHEW ABRAHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract:

The present invention proposed an N-type Metal-Interfacial Semiconductor layer-Semiconductor (MISS) contacts having heavily doped thin interfacial layer of thickness of lnm, between a contact metal and a semiconductor to alleviate Fermi-level pinning on the semiconductor by reducing the metallic coupling between the metal and the semiconductor, and enable metal work-function based tuning of the contact resistance.

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

(22) Date of filing of Application :01/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : MICROELECTRONIC DEVICE WITH DISCONNECTED SEMICONDUCTOR PORTIONS AND METHODS OF MAKING SUCH A DEVICE

(51) International classification	:H01L27/088, H01L21/84	(71)Name of Applicant : 1)Commissariat l™nergie atomique et aux nergies
(31) Priority Document No	:10 53508	alternatives
(32) Priority Date	:05/05/2010	Address of Applicant :25 Rue Leblanc Btiment Le Ponant D
(33) Name of priority country	:France	75015 PARIS France.
(86) International Application No	:PCT/EP2011/057065	(72)Name of Inventor:
Filing Date	:03/05/2011	1)GWOZIECKI Romain
(87) International Publication No	:WO/2011/138332	2)COPPARD Romain
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Microelectronic device (100) comprising: - a plurality of disconnected similar semiconducting portions (104), electrically isolated from each other and forming a semiconductor layer (102), at a spacing by a constant distance and with a shape parallel to the other portions, - two electrodes (108a, 108b, 108c, 108d) arranged in contact with the semiconductor layer such that a maximum distance separating the two electrodes is less than the largest dimension of one of the semiconductor portions, in which the shape and dimensions of the semiconductor portions, the spacing between the semiconductor portions, the shape and dimensions of the electrodes and the layout of the electrodes relative to the semiconductor portions are such that at least one of the semiconductor portions electrically connects the two electrodes to each other, and in which the largest dimensions of the semiconductor portions are perpendicular to the largest dimension of the electrodes, the electrodes being similar.

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

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : ULTRASONIC FLOW RATE MEASURING DEVICE AND ULTRASONIC FLOW RATE MEASURING METHOD

(51) International classification :G01F1/66 (71)Name of Applicant: (31) Priority Document No 1)Kabushikigaisha Izumi Giken :2010141471 (32) Priority Date Address of Applicant :1250 6 Nakagomi Saku shi Nagano :22/06/2010 (33) Name of priority country 3850051 Japan :Japan (86) International Application No :PCT/JP2011/064230 (72)Name of Inventor : Filing Date :22/06/2011 1)KOYANO Kiyoshi (87) International Publication No :WO 2011/162284 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided are an ultrasonic flow rate measuring device used for measuring the flow rate of a fluid flowing through a pipe and a highly accurate ultrasonic flow rate measuring method for the ultrasonic flow rate measuring device the ultrasonic flow rate measuring device being easy to be attached to the pipe body. The ultrasonic flow rate measuring device measures the flow rate of a medium flowing through a pipe body in such a way that: when one of a plurality of ultrasonic vibration sending and receiving means functions as a vibration sending means and sends an ultrasonic vibration another one functions as a vibration receiving means and receives the ultrasonic vibration; and when the another one functions as the vibration sending means and sends an ultrasonic vibration the one functions as the vibration receiving means and receives the ultrasonic vibration. An ultrasonic propagation control means for controlling the propagation of ultrasonic waves is equipped between the ultrasonic vibration sending and receiving means functioning as the vibration sending means and the vibration receiving means. The ultrasonic flow rate measuring device can also be easily attached to a pipe body.

No. of Pages: 81 No. of Claims: 11

(21) Application No.89/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/01/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: COLD TRANSFER PRINTING PASTE PRINTING COLORANT THEREOF AND PREPARATION METHOD THEREOF

(51) International classification :D06P1/48,D06P1/647,D06P5/24 (71) Name of Applicant:

(31) Priority Document No :201010229867.6 (32) Priority Date :19/07/2010

(33) Name of priority country :China

(86) International Application :PCT/CN2011/077200

:15/07/2011 Filing Date

(87) International Publication No:WO 2012/010070

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)NEWTECH TEXTILE TECHNOLOGY DEVELOPMENT(SHANGHAI) CO., LTD

Address of Applicant :No.88 Lane 1058 Xinsong Rd. Shihudang Town Songjiang District Shanghai 201604, China

(72)Name of Inventor: 1)CHUNG Po wen

(57) Abstract:

A cold transfer printing paste a printing colorant thereof and a preparation method thereof. Specifically the cold transfer printing paste comprises polysaccharide sodium l pyrrolidone carboxylate etherified starch and water. The printing colorant comprises the printing paste an active dye a defoamer a flatting agent a pH stabilizing agent and water. Also the preparation method for the printing paste and the printing colorant. The cold transfer printing paste and the printing colorant made with the paste are suitable for cold transfer printing preparation method and have stable physical properties thus preventing reduced viscosity when the pasted is applied.

No. of Pages: 31 No. of Claims: 12

(22) Date of filing of Application :06/10/2010 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROTARY MULTIPLE AXIAL ROUND-VANE COMPRESSOR

(51) International classification	:F04C18/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INGOLE VIJAY TULSHIRAM
(32) Priority Date	:NA	Address of Applicant :104 GANEDIWAL LAYOUT, CAMP,
(33) Name of priority country	:NA	AMRAVATI - 444 602 Maharashtra India
(86) International Application No	:NA	2)INGOLE ASHUTOSH VIJAY
Filing Date	:NA	3)INGOLE PARITOSH VIJAY
(87) International Publication No	:N/A	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)INGOLE VIJAY TULSHIRAM
Filing Date	:NA	2)INGOLE PARITOSH VIJAY
(62) Divisional to Application Number	:NA	3)INGOLE ASHUTOSH VIJAY
Filing Date	:NA	

(57) Abstract:

The conventional vane-type rotary compressor has radial vanes slidably mounted on a rotor. The rotor is rotatably mounted on an eccentrically centered cylinder having certain profile. The rotor carries certain number of vanes and when rotor rotates the outer edge of the vanes is outwardly forced against the inner surface of the cylinder causing heavy wear and tear. In the improved type of vane-type of compressor the vanes are located axially on the rotor and hence during rotation of rotor the vanes neither are influenced by centrifugal force nor subjected to wear and tear. Further the cylinders with a novel profiles are placed on either sides of the rotor such that the vanes remain always in contact with the surfaces of the cylinders without the aid of springs or other means. Further invention is described in detail with the help of Sheet 1 of 4 illustrate cross-sectional view of rotor elevation in Figure-1A, partial cross sectional end elevation in Figure-1B and Figure-1C shows the elevation and plan, of jointed vanes of the present invention. Sheet 2 of 4 illustrates the elevation of one of the cylinder in Figure-2A and Figure-2B shows the cross-sectional end elevation of the present invention. Sheet 3 of 4 illustrates the cross sections of left cylinder, rotor and right cylinder in Figure-4A, Figure-4B, and Figure-4C respectively as per Figure-1 and Figure-2 as per their assembly. Sheet 4 of 4 is the cross sectional elevation Figure-4A and cross sectional side elevation Figure-4B of the assembly as per Figure-3A and Figure-3B of the preferred embodiments of the invention.

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

(21) Application No.2659/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : THYME / PRIMROSE OR IVY FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASES (COPD)

(51) International classification :A61K36/185,A61K36/25,A61K36/53

(31) Priority Document No :10 2010 021 842.1

(32) Priority Date :28/05/2010

(33) Name of priority country :Germany

(86) International :PCT/EP2011/058852

Application No
Filing Date

STC1/El 201
30/05/2011

(87) International Publication No :WO 2011/147992

(61) Patent of Addition to

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

:NA
:NA
:NA
:NA

(71)Name of Applicant: 1)BIONORICA SE

Address of Applicant : Kerschensteinerstrasse 11 15 92318

Neumarkt Germany (72)Name of Inventor: 1)POPP Michael 2)LASHINA Elena

(57) Abstract:

The invention relates to an extract made of thyme () in combination with primrose () or ivy () for the prophylaxis and treatment of chronic obstructive pulmonary diseases (COPD) and to a corresponding medicinal product and the use thereof.

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

(21) Application No.74/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: NEW CRYSTALLINE FORMS OF N [2 [[(2 3 DIFLUOROPHENY)METHYL)THIO] 6 {[(1R 2S) 2 3 DIHYDROXY 1 METHYLPROPYL OXY 4 PYRIMIDINYL 1 AZETIDINESULFONAMIDE

:C07D403/12,A61K31/506 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/363726 :13/07/2010 (32) Priority Date (33) Name of priority country :U.S.A. (86) International Application No :PCT/GB2011/051308

Filing Date :12/07/2011 (87) International Publication No :WO 2012/007748

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

1)ASTRAZENECA AB

Address of Applicant :S 151 85 Sdertlje Sweden

2)ASTRAZENECA UK LIMITED

(72)Name of Inventor:

1)GULLBERG Britt Anne Ingela 2)LARSSON Peter Thomas 3)STONEHOUSE Jeffrey Paul

(57) Abstract:

NRSThere is provided crystalline forms of [2 [[(2 3 difluorophenyl)methyl]thio] 6 {[(1 2) 2 3 dihydroxy 1 methylpropyl]oxy} 4 pyrimidinyl] 1 azetidinesulfon amide anhydrate. Such compounds/forms may be useful in the treatment of a disease/condition in which modulation of chemokine receptor activity is beneficial.

No. of Pages: 43 No. of Claims: 14

(22) Date of filing of Application :05/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: COAXIAL CONDUCTOR STRUCTURE

(51) International classification	:H01P1/15,H01P1/202	(71)Name of Applicant:
(31) Priority Document No	:10 2010 027 251.5	1)SPINNER GMBH
(32) Priority Date	:15/07/2010	Address of Applicant : Aiblinger Str. 30 83620 Westerham
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/003469	(72)Name of Inventor:
Filing Date	:11/07/2011	1)LORENZ Martin
(87) International Publication No	:WO 2012/007148	2)NUMSSEN Kai
(61) Patent of Addition to Application	:NA	3)NEUMAIER Christoph
Number	*	4)SPAETH Natalie
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

What is described is: a coaxial conductor structure for fault free transmission of a TEM mode of a RF signal wave within at least one band of frequency bands forming in the context of a dispersion relation with an inner conductor (IL) and an outer conductor (AL) which is spaced radially apart from the inner conductor and an axially extending common conductor section of inner and outer conductor along which a number n of electrically conductive ring shaped structures (R) which are each fitted between the inner and outer conductor so as to be radially spaced apart and which each have an electrical path which completely surrounds the inner conductor (IL) is arranged with a spatially periodic sequence with in each case an equidistant distance (P) between two ring like structures (R) which are adjacent along the conductor section.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :09/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR ACHIEVING WATER PROOFING PRACTICE FOR FLOOR SLAB

(51) International classification:E01C7/32,E0(31) Priority Document No:2010181301(32) Priority Date:13/08/2010(33) Name of priority country:Japan

(86) International Application No
Filing Date

Sapan

PCT/JP2011/068471

12/08/2011

(87) International Publication No
(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
SNA
SNA
SNA
SNA
SNA

:E01C7/32,E01D19/08 (71)**Name of Applicant :**

1)DYFLEX CORPORATION

Address of Applicant :2 4 1 Nishi Shinjuku Shinjuku ku

Tokyo 1630825, Japan (72)Name of Inventor:

1)YANO Noriyoshi

2)YOSHIDA Satoru

(57) Abstract:

A method for achieving a water proofing practice for a floor slab comprising a step of adhering an object to be laid for adhesion purposes onto a urethane type water proofing material layer to laminate a paving adhesive agent layer a step of applying or spraying a compound containing an isocyanate group onto the paving adhesive agent layer and a step of paving an asphalt mixture on the upper surface of the paving adhesive agent layer wherein the object to be laid for adhesion purposes is produced by molding a synthetic resin containing active hydrogen.

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

(22) Date of filing of Application :09/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SILENT RATCHET AND METHOD FOR PRODUCING SAME

(51) International classification	:F16D41/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROLLAX GMBH & CO. KG
(32) Priority Date	:NA	Address of Applicant :Max Planck Str. 21 32107 Bad
(33) Name of priority country	:NA	Salzuflen Germany
(86) International Application No	:PCT/EP2010/061061	(72)Name of Inventor:
Filing Date	:29/07/2010	1)BENJAMIN Milto
(87) International Publication No	:WO 2012/013234	2)KUHLMANN Michael
(61) Patent of Addition to Application	:NA	3)KUHLMANN, MICHAEL
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
()		1

(57) Abstract:

The invention relates to a silent ratchet comprising at least one clamping element (16) an outer ring (12) and an inner ring (14) arranged coaxially in the outer ring the outer ring and the inner ring together forming a raceway (20; 18) and a clamping contour (20) for the clamping element (16) wherein the outer ring (12) and the inner ring (14) are each formed by a plurality of plates (12a 12d; 14a 14c) which are stacked one over the other and rigidly held together.

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

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.2599/MUMNP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: GEAR GRINDING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B23F23/00,B23F5/02 :2010136812 :16/06/2010 :Japan :PCT/JP2011/063538 :13/06/2011 :WO 2011/158807 :NA	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant: 16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor: 1)YANASE Yoshikoto
- 10		
Filing Date	:NA	

(57) Abstract:

Provided is a gear grinding method wherein an initial cutting position by a grindstone is appropriately set resulting in an improvement being able to be made in machining accuracy. For this purpose the gear grinding method is such that rotation of a workpiece (W) about a workpiece rotation axis (C) cutting by a grindstone (15) in the X axis direction and feeding of the grindstone (15) in the Z axis direction are controlled resulting in the workpiece (W) being ground by the grindstone (15). In this method measurement points (P1 P9) are set in a grid like pattern on a left tooth surface (WL) and a right tooth surface (WR) of a predetermined tooth (Wa) of the workpiece (W); rotation phases about the workpiece rotation axis (C) at the measurement points (P1 P9) are detected; tooth thickness deviation amounts (e) between a reference involute tooth surface and the measurement points (P1 P9) on the left and right tooth surfaces as well as tooth thickness deviation amounts (e) between the involute tooth surface and corresponding points (Q1 Q9) on all teeth other than the tooth (Wa) are obtained on the basis of the detected rotation phases; and an initial cutting position (X1) for the grindstone (15) is set on the basis of the largest of the deviation amounts (e).

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N33/543 :61/364310 :14/07/2010 :U.S.A. :PCT/US2011/001126 :23/06/2011 :WO 2012/008991 :NA :NA	(71)Name of Applicant: 1)ASTUTE MEDICAL INC. Address of Applicant: Blg 2 R. 645 3550 General Atomics Court San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)ANDERBERG Joseph 2)GRAY Jeff 3)McPHERSON Paul 4)NAKAMURA Kevin 5)KAMPF James Patrick
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using a one or more assays configured to detect a kidney injury marker selected from the group consisting of Alpha 2 HS glycoprotein Interleukin 9 Leukemia inhibitory factor Macrophage colony stimulating factor 1 Prolactin and Stromal cell derived factor 12 as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages: 146 No. of Claims: 103

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOVABLE CONTACT MECHANISM FOR CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principped to Application Number 	:29/09/2010 :WO 2012/006815 :NA :NA	(71)Name of Applicant: 1)BEIJING CUIXIANG ELECTRIC COMPONENTS CO. LTD. Address of Applicant: PENG Ruijie Tianhua street 25 Zhongguancun Bioengineering & Pharmaceutical Industrial Base Daxing Beijing 102609 China (72)Name of Inventor: 1)NAN Yin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A movable contact mechanism for a circuit breaker includes a rotating shaft (3) a plurality of supporting rods (1) a Y shape contact lever (4) and a plurality of elastic elements (5). The rotating shaft is used to drive the supporting rod. A vertical hole (12) is provided at the upper part of the supporting rod and a horizontal hole (11) is provided at the lower part of the supporting rod. Each supporting rod is rotatablely connected with the rotating shaft by a shaft (2) passed through the horizontal hole at the lower part of the supporting rod. The Y shape contact lever composed of a U shape arm (42) and an axial lever (43) has the same number of the supporting rod. Contacts (41) are provided on two arms of the U shape arm. The axial lever inserted into the vertical hole of the supporting rod is rotatableby connected with the supporting rod. One end of the elastic element is connected with the axial lever of the Y shape contact lever or the supporting rod and the other end is connected with the rotating shaft; the rotating shaft drives each supporting rod to rotate by the elastic element. The movable contact mechanism effectively resolves the problem that conductivity of the double breakpoint contacts is getting worse and worse in use.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MODIFIED INDIAN TYPE WATER-CLOSET SYSTEM

(51) International classification (31) Priority Document No	:E03D :NA	(71)Name of Applicant: 1)V. JAYARAMAN
(32) Priority Date	:NA	Address of Applicant :2/23, FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI -
(86) International Application No	:NA	88 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)V. JAYARAMAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the conventional Indian water closet (1WC) system, the closet is placed over the trap. Hence, lowering or raising of floor of the toilet for about 450mm is needed at upper floors. Due to the use of filling material, the structure size increases. Raised floor leads to discomfort. In due course the sunken slab gets corroded and sediments choked in the outlet of trap which prevents free flow. The toilet is dismantled while replacement of trap is needed. An alternative system is suggested to overcome the said disadvantages. The passage way of closet is made horizontal instead of downward and the trap is shifted to the outside wall of toilet. Extension pipe is connected from closet to the end of outer wall. One end of trap is connected to extension pipe and other end is connected to the service pipe. This saves cost, time and maintenance friendly.

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

(22) Date of filing of Application :03/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: RELOADABLE FINISHES FOR TEXTILES, AND FORMULATIONS FOR LOADING SUCH **FINISHES**

(51) International :D06M15/263,D06M13/46,D06M15/27

classification

(31) Priority Document :01391/09

(32) Priority Date :08/09/2009 (33) Name of priority :Switzerland

country

(86) International :PCT/EP2010/062381 Application No

:25/08/2010 Filing Date

(87) International

:WO 2011/029723 A3 Publication No

:NA

(61) Patent of Addition to Application Number

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

:NA Filing Date

(71)Name of Applicant:

1)SCHOELLER TEXTIL AG

Address of Applicant :BAHNHOFSTRASSE 17, CH-9475

SEVELEN Switzerland

(72)Name of Inventor: 1)HOLZDORFER, UWE

2)GAUPP, THEO

3)LOTTENBACH, ROLAND

4) HUBNER, HANS-JURGEN

(57) Abstract:

A polymer compound according to the invention comprises an acrylic acid copolymer composed of acrylic acid derivatives and/or methacrylic acid derivatives, containing: a) at least one acrylic acid derivative and/or methacrylic acid derivative substituted with a sulfonic acid group; b) at least one hydrophilically substituted acrylic acid derivative and/or methacrylic acid derivative; c) at least one lipophilically substituted acrylic acid derivative and/or methacrylic acid derivative; and d) at least one acrylic acid derivative and/or methacrylic acid derivative which acts as a crosslinking agent. In the method according to the invention for loading textile products with a low-molecular compound, a) a textile product is provided with a finishing layer whose accessible surface has a negative charge; and b) the textile product is brought together with an emulsion or active substance solution, for example by immersing the textile product in the emulsion/solution, or by spraying the emulsion/solution on the textile product. At least one low-molecular compound is contained in the dispersed phase of the emulsion, and the surface of the particles of the dispersed phase has a positive charge.

No. of Pages: 81 No. of Claims: 10

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING AND CONTROLLING ELECTRICAL VEHICLE CHARGING EVENTS

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA
(32) Priority Date	:NA	PVT. LTD.
(33) Name of priority country	:NA	Address of Applicant :TECHNO COMPLEX, NO. 5/535,
(86) International Application No	:NA	OLD MAHABALIPURAM ROAD, OKKIYAM
Filing Date	:NA	THORAIPAKKAM, CHENNAI - 600 097 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HEMANT BABANRAO RASKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for managing and controlling charging of electric vehicles via charging stations over an advanced metering infrastructure is provided. Smart meters are deployed in the charging stations. Electric vehicle clusters which are logical representations of at least the charging stations are created. Policies for controlling electric vehicle charging based on data obtained using the electric vehicle clusters are generated. Further, it is analyzed if meter data obtained from the smart meters using the electric vehicle clusters comply with the generated policies. The meter data is obtained using the electric vehicle clusters identified with electric vehicle charging events. Policy violation action data is generated by applying predetermined rules if it is determined that the policies are violated. The policy violation action data is then sent to the identified electric vehicle clusters for controlling electric vehicle charging.

No. of Pages: 58 No. of Claims: 20

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR VIRTUAL TRIAL OF GARMENTS AND VIEW PERSONALIZED VIRTUAL PROTOTYPES OVER A WEB BASED PLATFORM

(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MANASA YEDDULA
(32) Priority Date	:NA	Address of Applicant :H. NO: 8-2-268/0/20A,
(33) Name of priority country	:NA	VIVEKANANDA ENCLAVE, ROAD NO 3, BANJARA HILLS,
(86) International Application No	:NA	HYDERABAD - 500 034 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MANASA YEDDULA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A web based platform for enabling a virtual trial of garments and view personalized virtual prototypes corresponding to the garments comprising a virtual trail room configured to receive a plurality of personalized body measurements to determine a predefined shape of the user and the multiplication factor associated to the end user determined for designing a personalized virtual prototype of a garment, a personalized virtual closet displaying a plurality of virtual shelves for enabling the end user to store and view a plurality of personalized garments tried in the virtual trial room and a plurality of garments purchased by the end user over an at least one associated online shopping platform and a virtual studio for enabling the end user to provide a plurality of personalized specifications to be used for designing a plurality of segments associated to the personalized garment received by a plurality of designers to design and provide a cost estimation to manufacture the personalized garment.

No. of Pages: 33 No. of Claims: 19

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWER GENERATION SYSTEM FOR HOME

(51) International classification(31) Priority Document No(32) Priority Date	:F03G :NA :NA	(71)Name of Applicant: 1)DILIP D JAMES Address of Applicant: ARDEN VILLA, ST. ANN'S RD.,
(33) Name of priority country	:NA	OOTACAMUND 643 001 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DILIP D JAMES
(87) 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 Power Generation system for the home, comprises a system that can both raise and lower a counterweight using the forces of nature and thus produce continuous electrical output. The system consists of two parts an initiator and an actualiser. In both parts a shuttle is attached to a counterweight by a cable and pulley, the kinetic energy of the initiator counterweight may be used to produce a vacuum in the system which is air tight save for the point of aspiration. The descending and ascending counterweight in the actualiser system produces electricity by turning a generator. The open ended shuttles maybe converted into pistons by sealing at which time atmospheric pressure pushes the piston down and raises the counterweight due to the vacuum existing below the piston. Thus it is possible to have a continuous cycle.

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

(19) INDIA

(22) Date of filing of Application :16/04/2012 (43) Publicatio

(43) Publication Date: 14/02/2014

(21) Application No.3343/CHENP/2012 A

(54) Title of the invention: MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:61/249,675	1)SHL GROUP AB
(32) Priority Date	:08/10/2009	Address of Applicant :IP DEPARTMENT, P.O. BOX 1240,
(33) Name of priority country	:U.S.A.	AUGUSTENDALSVAGEN 19, SE 13128 NACK STRAND
(86) International Application No	:PCT/SE2010/051004	Sweden
Filing Date	:20/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/043714	1)ALEXANDERSSON, OSCAR
(87) International I utilication No	A1	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a medicament delivery device comprising a generally elongated tubular housing having opposite proximal (10) and distal (12) parts a needle shield sleeve (20) slidably and coaxially arranged inside the housing and wherein a proximal part of said sleeve protrudes a distance outside the proximal part of the housing; a syringe carrier mechanism comprising a syringe carrier (36) slidably and coaxially arranged within the needle shield sleeve, a syringe (16) comprising a stopper (92), a medicament and a needle, wherein said syringe is coaxially arranged within said syringe carrier, and a holding member (46) connected to the syringe carrier; a first activator member (56) and a second activator member (66); a drive mechanism wherein said drive mechanism is adapted to accumulate a drive force for moving said syringe carrier mechanism in a first step and a second step and wherein said second activator member (66) is arranged with information means for producing audible, visual and/or tactile feedback to a user about a completed injection.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :16/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR PURGING MOISTURE FROM AN OXYGENATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F17D1/16 :12/608,808 :29/10/2009 :U.S.A. :PCT/US2010/049511 :20/09/2010 :WO 2011/053414 A1 :NA :NA	(71)Name of Applicant: 1)ALUNG TECHNOLOGIES, INC. Address of Applicant: 33 TERMINAL WAY SUITE 517A PITTSBURGH, PENNSYLVANIA 15219 U.S.A. (72)Name of Inventor: 1)MORLEY, SCOTT W. 2)BIENIEK, PAUL 3)ROSENBERG, MEIR
(62) Divisional to Application Number Filing Date	:NA :NA	
7		•

(57) Abstract:

A method and system for improving gas exchange properties of oxygenators which utilize hollow fiber membranes for removing carbon dioxide or adding oxygen to a patients blood via extracorporeal circulation by removing moisture accumulating inthe fibers are disclosed. The system utilizes a vacuum source for drawing sweep gas into the oxygenator, a moisture collection unit for storing moisture removed from the oxygenator, the moisture collecting unit being in communication with the oxy-genator and the vacuum source and a flow control mechanism having an open position which allows sweep gas exiting the oxy-genator to flow to the moisture collecting unit and a closed position which stops the flow of sweep gas from the oxygenator to the moisture collecting unit.

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

(21) Application No.3346/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A DEVICE AND METHOD FOR STARTING AN ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country(86) International Application No	:NA :NA	ADUGODI, BANGALORE - 560 030 Karnataka India 2)ROBERT BOSCH GMBH
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)PRADEEP R
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)PRAMOD R
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses a device (10) for starting an engine (12). The device comprises a sensor (14) for detecting position of a throttle valve (16) in the air intake path (18) of the engine (12). A control unit (20) is adapted to receive the throttle position data from said sensor (14). A starter motor (22) controlled by the control unit (20) is selectively engaged with the engine (12) for cranking based on throttle position data received by said control unit (20).

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

(21) Application No.3278/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR PRODUCTION OF CORE-SHELL PARTICLES, CORE-SHELL PARTICLES, AND PASTE COMPOSITION AND SHEET COMPOSITION WHICH CONTAIN SAME

:C08F2/00,C09C1/62,C09C3/10 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2009-237995 (32) Priority Date :15/10/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/067748

Filing Date :08/10/2010

(87) International Publication No :WO 2011//046081 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)TORAY INDUSTRIES, INC.

Address of Applicant: 1-1, NIHONBASHI-MUROMACHI 2-

CHOME, CHUO-KU, TOKYO 103-8666 Japan

(72)Name of Inventor: 1)SHINBA, YOICHI 2)NIIZEKI, SHOICHI

3)NONAKA, TOSHIHISA

(57) Abstract:

Disclosed is a process which comprises bringing an acidic organic substance or phosphoric acid into contact with a metal to form, on the surface of the metal, a layer that contains either an organic acid salt formed from both the acidic organic sub - stance mid the metal or a phosphoric acid salt formed from both the phosphoric acid and the metal. In the process, the layer can be selectively formed only on the surface of the metal. When the process is applied to the production of corn-shell particles, neither agglomeration of the particles nor viscosity increase of the fluid occurs, while when the process is applied to the production of a covered metal-wiring circuit board, the layer can be selectively formed only in the metal area to be covered.

No. of Pages: 79 No. of Claims: 10

(22) Date of filing of Application :09/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A SWING ASSEMBLY FOR LOCKING AND MOUNTING A PLUG-IN DEVICE TO AND ELECTRICAL BUSWAY

(51) International classification	:H02G5/00 :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No (32) Priority Date	.NA :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)NARAYAN PRASAD N R
(87) International Publication No	: NA	2)SUNDAR KANNAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SURESHA RAMEGOWDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a swing assembly comprising: a swing bracket member pivotably and slidebly connected to an enclosure of the plug-in device and rearwardly extending across a plane of the enclosure of the plug-in device. A clamp bracket member is fixed to the enclosure of the plug-in device and is positioned in line and adjacent to the pivotal connection of the swing bracket member. A stud member is attached to the swing bracket member towards the clamp bracket member. A knob member is in association with the stud member by threading on the stud member. Once the swing bracket member is swung and pivoted about the pivot pin member to engage one of locking portions of the swing bracket member with one of the rails of the busway and to hold at least a portion of the stud member on a hook region of the clamp bracket member, the knob member is tightened with respect to the clamp bracket member to further thread on the stud member. Such swing assembly facilitates safe and reliable locking and mounting of the plug-in device to the busway without using any external tools or equipments.

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

(21) Application No.3357/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OIL DEGUMMING METHODS

(51) International classification	:C12N9/88,C10L1/02,C11B3/00	(71)Name of Applicant:
(31) Priority Document No	:61/252,638	1)BUNGE OILS, INC.
(32) Priority Date	:16/10/2009	Address of Applicant :11720 BORMAN DRIVE, ST. LOUIS
(33) Name of priority country	:U.S.A.	MO 63146 U.S.A.
(86) International Application No.	o:PCT/US2010/051920	(72)Name of Inventor:
Filing Date	:08/10/2010	1)DAYTON, CHRISTOPHER, L., G.
(87) International Publication No	:WO 2011/046815 A1	2)GALHARDO, FLAVIO, DA SILVA
(61) Patent of Addition to	:NA	3)BARTON, NELSON
Application Number	:NA	4)HITCHMAN, TIM
Filing Date	.INA	5)LYON, JONATHAN
(62) Divisional to Application	:NA	6)O'DONOGHUE, EILEEN
Number	:NA	7)WALL, MARK, A.
Filing Date	.INA	

(57) Abstract:

In alternative embodiments, the invention provides phosphatidylinositol-specific phospholipase C (PI-PLC) enzymes, nucleic acids encoding them, antibodies that bind specifically to them, and methods for making and using them. Industrial methods and products comprising use of these phospholipases are also provided. In certain embodiments, provided herein are methods for hydration of non hydratable phospholipids (NHPs) within a lipid matrix. The methods enable migration of NHPs to an oil-water interface thereby allowing the NHPs to be reacted and/or removed from the lipids. In certain embodiments, provided is a method for removing NHPs, hydratable phospholipids, and lecithins from vegetable oils to produce a degummed oil or fat product that can be used for food production and! or non-food applications. In certain embodiments, provided herein are methods for hydration of NHPs followed by enzymatic treatment and removal of various phospholipids and lecithins. The methods provided herein can be practiced on either crude or water-degummed oils.

No. of Pages: 360 No. of Claims: 56

(19) INDIA

(22) Date of filing of Application :17/04/2012

(21) Application No.3433/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: LR POLYPHASE FILTER

(51) International classification	:H03H7/21	(71)Name of Applicant:
(31) Priority Document No	:12/581,801	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/10/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/053254	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:19/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/049986 A1	1)JAFAR SAVOJ
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date (62) Divisional to Application Number	.N. A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An LR polyphase filter implemented with inductors and resistors and capable of operating at high frequencies is described. In one design, the LR polyphase filter includes first and second paths, with each path including an inductor coupled to a resistor. The first and second paths receive a first input signal and provide first and second output signals, respectively, which may be in quadrature. For a differential design, the polyphase filter further includes third and fourth paths, which receive a second input signal and provide third and fourth output signals, respectively. The four output signals may be 90° out of phase. The first and second input signals are for a differential input signal. The first and third output signals are for a first differential output signal, and the second and fourth output signals are for a second differential output signal. Each inductor may be implemented with a transmission line.

No. of Pages: 35 No. of Claims: 30

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A DEVICE FOR DYNAMIC STEM LEAK MEASUREMENT IN MULTITURN VALVES

(51) International classification	:F16K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUDCO INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :MOUNT POONAMALLEE RAOD,
(33) Name of priority country	:NA	MANAPAKKAM, CHENNAI - 600 089 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KALYAN SHIVANAGOUDA PATIL
(87) International Publication No	: NA	2)VISWANATHAN RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	3)SAMPATH SUGUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for dynamic stem leak measurement in multiturn valves A device for dynamic stem leak measurement in multiturn valves comprising a body and bonnet pressurized with helium with a disc in half-open position to the rated pressure of the valve; a valve stem for being mechanically cycled up and down with the help of an actuator; a vacuum chamber consisting of a bottom chamber and a top chamber, the bottom chamber being fixed to the bonnet having a primary stuffing box to prevent leakage of helium through the stem, the leak measurement being made with the help of a mass spectrometer that will give the leak readings and the vacuum level maintained in the bottom chamber.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : IDENTIFICATION OF AMINO ACIDS INDUCING HIGH DEGREE OF SECRETION OF ADIPONECTIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)VISION RESEARCH FOUNDATION Address of Applicant: OLD 18 NEW 41 COLLEGE ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)DR. K.N. SULOCHANA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)R. SELVI 3)S. VIDHYA

(57) Abstract:

A method of identification of amino acids inducing high degree of secretion of adiponectin comprising the steps of screening selected amino acids in an in vitro cell culture system of human adipocytes; seeding Preadipocytes into 6 cell plates and transforming into adipocytes by the addition of differentiating media for conversion to mature adipocytes; serum starving the cells in preadipocyte medium; exposing the cells to the selected amino acids, the conditioned media after exposure being collected and concentrated for adiponectin ELISA; storing the same at -80°C; and measuring the adiponectin levels.

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

(22) Date of filing of Application :10/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A CONVEYOR SYSTEM AND A DRIVE MECHANISM FOR THE SAME

(51) International classification	:B65G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANTHOSH V
(62) Divisional to Application Number	:NA	2)PRAVEEN R KOLKOOR
Filing Date	:NA	3)TILL GUENER

(57) Abstract:

The present invention discloses a drive mechanism for a conveyor system (100). The conveyor system (100) comprises a surface plate (101), a frame (102), a conveyor chain (103), at least one worm rod (104a and 104b), at least one worm gear (105a and 105b), a shaft (106), and a motor (107). One end of the shaft (106) is adapted to be connected to the motor (107). The worm gears (105a and 105b) are mounted on a shaft (106) and are spaced apart from each other. The worm gear (105a and 105b) is in aligned engagement with at least one worm rod (104a and 104b). The conveyor chain (103) comprises multiple teeth (108a and 108b) in aligned engagement with the worm rod (104a and 104b). The conveyor chain (103) is located in the frame (102). The surface plate (101) is located on the conveyor chain (103).

No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :23/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LICENSE MANAGEMENT SYSTEM, LICENSE MANAGEMENT DEVICE, AND COMPUTER-READABLE RECORDING MEDIUM HAVING LICENSE MANAGEMENT PROGRAM

(51) International :G06F21/10,G06Q30/06,G06Q50/00 classification

(31) Priority Document No :2009-253500

(32) Priority Date :04/11/2009

(33) Name of priority country: Japan (86) International

:PCT/JP2010/069876 Application No

:02/11/2010 Filing Date

(87) International Publication :WO 2011/055835 A1

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

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

(71)Name of Applicant: 1)RICOH COMPANY, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME,

OHTA-KU, TOKYO 143-8555 Japan

(72)Name of Inventor: 1)ITO, TATSUO

(57) Abstract:

A license management device includes a license identifier generator unit generating a license identifier and license information corresponding to a group of application programs, the license identifier associated with a group identifier of the group and the license information with a product identifier of each application program, a license information storage unit recording the license identifier corresponding to the group identifier with the product identifier of the application program, a determination unit determining, on receiving the license identifier associated with the application program, whether the received license identifier is recorded in the license information storage unit, and a sending unit sending via a network, if the received license identifier is recorded in the license information storage unit, a license file corresponding to the recorded license identifier to provide a permission to use the application program of the group.

No. of Pages: 195 No. of Claims: 13

(22) Date of filing of Application :30/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : A COMPOSITION COMPRISING POOLED WHARTON'S JELLY DERIVED MESENCHYMAL STEM CELLS AND METHODS THEREOF

(71) 7	G1 3 3.5	(71)
(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEMPEUTICS RESEARCH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :9th Floor Manipal Hospital 98
(33) Name of priority country	:NA	Rustom Bagh Airport Road Bangalore 560 017 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MALANCHA TA
(61) Patent of Addition to Application Number	:NA	2)ANISH SEN MAJUMDAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure discloses methods of isolating, culturing and pooling of Whartons jelly derived cells to obtain a composition of pooled allogeneic mesenchymal stem cells (MSCs). The method comprises of collecting umbilical cords from multiple donors followed by isolation, culturing and pooling of WJ-MSCs from which the final therapeutic composition is formulated. The composition thus obtained has reduced biological variability. Since the present composition is also immune-modulatory in nature, it can be used for managing immune-mediated disorders and additional immuno-suppression may not be required when using this composition for managing immune-mediated disorders.

No. of Pages: 40 No. of Claims: 22

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELECTRO-HYDRAULIC BRAKE SYSTEM FOR BIKES ALONG WITH NEWLY DESIGNED ALLOY WHEELS

(51) International alegation	.D.COT	(71)Nama of Amiliana
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. PALNIVEL RAJAN
(32) Priority Date	:NA	Address of Applicant :NO. 1, MALLIGAI STREET,
(33) Name of priority country	:NA	BRINDAVAN NAGAR, MADIPAKKAM, CHENNAI - 600 091
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)M. PALNIVEL RAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ELECTRO HYDRAULIC BRAKING SYSTEM. Electro- hydro brakes is an innovative design in advancement of present pedal brake system. It is designed in such a way that it is much cheaper and effective than present ABS pedal disc brakes system and production cost will be lower, when compare to ABS System in bikes. The full wheel assembly design is changed to give better effectiveness for brake and bike performance. This new wheel assembly can also be help full when replacing wheel due to physical damage as they are designed as assembling parts. It is based on reverse mechanism of present pedal disk brake system (i.e.) the pedal disc arrest them self by magnetizing property bring wheel to rest without skidding. By magnetizing pedal disc the metallic brake shoe is arrested at first, then for sudden brakes hydraulic system along with solenoid is used for arresting the pedal disc. The normal pedal disc work on fully hydraulic .This replaces the hydraulic brake system by electro-hydraulic system to prevent skidding and to obtain more effective in braking system. APPLICATION: I. Can avoid skidding in skidding surface like sand, water except oil as wheel is internally arrested. II. Prevented from brake failures as assembled inside the wheel hub. III. Assembly of brake is in such a way that even though electro system fails, hydro system is enough to bring wheel to rest. IV. It can be stopped from high speed without skidding, by step by step process by using solenoid and delay timer. CONCLUSION: This brake system is designed in order to create a advance technology in brake system technologies and also in order to reduce the cost and increase the effectiveness of the brake system. Few design of the electro hydro brake system is attached with the paper.

No. of Pages: 12 No. of Claims: 7

(21) Application No.3324/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AUTOMATIC FIRE EXTINGUISHER CUM ALARM

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)BABU, CH. MAHESH
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :Z.P.H SCHOOL, VAKKALGADDA, KRISHNA - 521 126 Andhra Pradesh India
(86) International Application No	:NA	2)RAO, N. SUDHAKARA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BABU, CH. MAHESH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RAO, N. SUDHAKARA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An Automatic fire extinguisher cum alarm consisting of a Fire sensor placed indoor connected to an airtight metal tin through a pipe. Another pipe is connected to tin and a reserve tank is also arranged. When the fire breaks out in the vicinity of the sensor, the air inside the bottle gets heated up and expands and enters the over head tank causing increased pressure on the water in the tank. This pushes the water out of the tank through the outlet and thus water extinguishes fire. A red bulb glows and a siren is blown to indicate danger.

No. of Pages: 7 No. of Claims: 2

(22) Date of filing of Application :23/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHODS OF PREPARING FLUORINATED CARBOXYLIC ACIDS AND THEIR SALTS

(51) International :C07C51/27,C07C53/18,C07C53/21

classification

(31) Priority Document No :0918616.4 :23/10/2009 (32) Priority Date (33) Name of priority country: U.K.

(86) International Application :PCT/US2010/053480

:21/10/2010

Filing Date

(87) International Publication :WO 2011/050131 A3 No

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)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)HINTZER, KLAUS 2) VOGEL, DENNIS, E. 3)GUERRA, MIGUEL A. 4)IGNATOWSKA, JOLANTA

5)ROSCHENTHALER, GERD-VOLKER

6)SHYSHKOV, OLEG 7) VOGEL, KIM, M. 8) ZIPPLIES, TILMAN, C.

(57) Abstract:

A method for preparing fluorinated carboxylic acids and theirs salts is described comprising subjecting a fluorinated alcohol of the general formula (A): A-CH2-OH to at least one first and at least one second oxidizing agent to produce a highly fluorinated carboxylic acid or their salts of the general formula (B): A-COOM+, wherein M represents a cation and wherein A in formulas (A) and (B) is the same and A represents the residue: Rf-[O]p-CXY-[O]m-CXY-[O]ž-CXY-wherein Rf represents a fluorinated alkyl residue which may or may not contain one or more catenary oxygen atoms, p, m and n are independently from each other either 1 or 0, X, X, X, Y, Y and Y are independently from each other H, F, CF3, or C2F5 with the proviso that not all of X, X, X, Y, Y and Y are H; or A represents the residue: R-CFX-wherein X and R are independently selected from a hydrogen, a halogen, or an alkyl, alkenyl, cycloalkyl, or aryl residue, which may or may not contain one or more fluorine atoms and which may or may not contain one or more catenary oxygen atoms; wherein said at least one first oxidizing agent is a compound that can be converted, by action of the second oxidizing agent, into a reactive species capable of oxidizing the fluorinated alcohol.

No. of Pages: 50 No. of Claims: 17

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SUNLIGHT COLLECTION SYSTEM, AND METHOD FOR ADJUSTING REFLECTING MIRROR OF SUNLIGHT COLLECTION SYSTEM

(51) International classification :F24J2/38,F24J2/10,G02B7/182 (71)Name of Applicant : (31) Priority Document No :JP2009-254900 1)MITSUBISHI HEAVY INDUSTRIES, LTD. (32) Priority Date Address of Applicant: 16-5, KONAN 2-CHOME, MINATO-:06/11/2009 (33) Name of priority country KU, TOKYO 1088215 Japan :Japan (86) International Application No :PCT/JP2010/069708 (72)Name of Inventor: Filing Date :05/11/2010 1)KEIJI MIZUTA (87) International Publication No :WO 2011/055788 A1 2)YUICHI OTANI (61) Patent of Addition to 3)MANABU MAEDA :NA Application Number 4)MASASHI TAGAWA :NA Filing Date 5)TAKESHI OKUBO (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The sunlight collection system is provided with a reflecting mirror which is placed on the surface of the ground to reflect sunlight, a light receiving means which is disposed above the surface of the ground and has an incident portion into which the sunlight reflected by the reflecting mirror is made incident, light amount sensors which are mounted at least at two locations facing each other at an outer edge of the incident portion of the light receiving means, a turning mechanism which allows the reflecting mirror to turn around at least one axis, and a direction control unit which obtains light amounts detected respectively by the light amount sensors that face each other, while allowing the reflecting mirror to turn by driving the turning mechanism, thereby adjusting an angle of the reflecting mirror on the basis of the light amounts.

No. of Pages: 46 No. of Claims: 8

(21) Application No.3294/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A PROTECTION DEVICE AND THE METHOD TO OPERATE THE PROTECTION DEVICE OF A DENOXTRONIC SYSTEM

(51) Intermedicual algorification	.1102112/00	(71)Name of Applicant.
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SOUNDAR RAJAN V
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a protection device and method of operating the protection device. The arrangement (100) consists of a second relay (120) to shut down the power from a battery (102) to a denoxtronic system load (118) whenever there is a fault at any one of the pins of an electronic control unit (124) connected to the load. The second relay (120) can be controlled either by a first switching element (114) or a second switching element (112).

No. of Pages: 10 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :10/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLID DOSAGE FORMS OF CARVEDILOL

(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 LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:NA	SANATH NAGAR, HYDERABAD - 500 082 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PARTHASARADHI REDDY, BANDI
Filing Date	:NA	2)KHADGAPATHI, PODILI
(62) Divisional to Application Number	:NA	3)KIRAN KUMAR, MADALLAPALLI
Filing Date	:NA	

(21) Application No.3297/CHE/2012 A

(57) Abstract:

The present invention relates to solid dosage forms of carvedilol phosphate. More specifically, the present invention relates to extended release compositions of carvedilol phosphate and process for their preparation.

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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHODS OF SYNTHESIS AND PURIFICATION OF HETEROARYL COMPOUNDS

(57) Abstract:

Provided herein are methods to prepare Heteroaryl Compounds having the following structure: Forumula (I) or Formula (H); wherein R-R4 are as defined herein. The Heteroaryl compounds are useful for treating or preventing cancer, inflamatory conditions, immunological conditions, neurodegenerative diseases, diabetes, obesity, neurological disorders, age-related diseases, or cardiovascular conditions.

No. of Pages: 162 No. of Claims: 50

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SENSOR ELEMENT FOR MEASURING A TEMPERATURE GRADIENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01K1/02,B22D11/18,G01K1/14 :10 2009 043 540.9 :30/09/2009 :Germany :PCT/EP2010/005884 :27/09/2010	(71)Name of Applicant: 1)SMS SIEMAG AKTIENGESELLSCHAFT Address of Applicant: EDUARD-SCHLOEMANN-STRASSE 4, 40237 DUSSELDORF Germany (72)Name of Inventor: 1)LIEFTUCHT, DIRK 2)FEHLEMANN, GEREON
(87) International Publication No	:WO 2011/038876 A1	3)REIFFERSCHEID, MARKUS 4)LAMBERTI, THOMAS
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)ARZBERGER, MATTHIAS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a sensor element (1) for measuring a temperature gradient in a measuring direction (M), particularly in a component (2) of a metallurgical plant. In order to make possible an accurate measurement with simple means, the invention proposes that the sensor element (1) comprises a base body (3) at or in which at least two optical waveguides (4, 5), which are connectible with an evaluating device, are arranged at a defined spacing (a). Moreover, the invention relates to a component (2) of a metallurgical plant with such a sensor element.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BASE STATION DEVICE AND MOBILE COMMUNICATION METHOD

(32) Priority Date(33) Name of priority country(86) International Application No Filing Date	:2009-232908 :06/10/2009 :Japan :PCT/JP2010/067575 :06/10/2010	2)ISHII, HIROYUKI
(87) International Publication No	:WO 2011/043396 A1	3)OKADA, TAKASHI
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA :NA	

(57) Abstract:

To reduce deterioration of a downlink signal when a multicarrier transmission is performed. A base station device eNB according to the present invention includes an uplink resource assignment unit 12 configured to assign a radio resource for an uplink signal, to a user equipment UE, wherein the uplink resource assignment unit 12 is configured to assign a radio resource for an uplink signal in a first carrier, to a user equipment UE capable of simultaneously communicating through the first carrier and a second carrier.

No. of Pages: 93 No. of Claims: 13

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPRING-LESS METALLIC BALL JOINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16C11/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RANE (MADRAS) LIMITED Address of Applicant: POST BOX NO. 8262, NEW NO. 154, VELACHERY ROAD, CHENNAI - 600 042 Tamil Nadu India (72)Name of Inventor: 1)S. SUNDAR
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)S. SUNDARARAJAN 3)B. SREEDHAR 4)M. T. CHANDRASEKAR

(57) Abstract:

The present invention relates to a spacer for vehicular steering metallic ball joint. Specifically, the present invention relates to a polymeric spacer for the vehicular steering metallic ball joint, and more specifically, a spacer made of polyurethane material or a material with higher elasticity and resistance to permanent set spacer is used in place of a metal spring in the steering ball joint. The spacer of the present invention provides cushioning between top metal bearing and metallic end plate of the steering ball joint, avoiding metal to metal contact and thereby improving noise, vibration and harshness characteristics. Further, the present invention aims at improving the performance and durability of the vehicular steering metallic ball joint.

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

(21) Application No.3312/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RF POWER AMPLIFIER WITH SPECTRALLY GROUPED NANOSIZED SWITCHES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09290788.0 :15/10/2009 :EUROPEAN UNION :PCT/EP2010/064717 :04/10/2010 :WO 2011/045193 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 AVENUE OCTAVE GREARD, F- 75007 PARIS France (72)Name of Inventor: 1)TEMPL, WOLFGANG 2)WIEGNER, DIRK
1 (41110-41	:NA :NA :NA	

(57) Abstract:

The invention describes a radio frequency (=RF) power amplifier (20), comprising - a coupling array (1) comprising a plurality of nano-sized coupling elements (2; 41; 51), wherein the coupling elements (2; 41; 51) are grouped into a number N of sub-arrays (SA1.-SAN), with each sub-array (SA1.SAN) exhibiting a specific resonance frequency (f1...fN) and a specific attenuation of a mechanical self-oscillation of its coupling elements (2; 41; 51), wherein for the coupling elements (2; 41; 51) of each sub array (SA1...SAN), there is a stimulating means for stimulating a mechanical self-oscillation, - and a signal processing unit (22) for controlling the stimulating means with stimulating pulses having a pulse form and timing calculated by the signal processing unit (22) based on an evaluation of the spectral components of an RF signal to be amplified, namely the amplitudes (c1...cN) and phases (Φ ... Φ N) at the frequencies (f1...fN) corresponding to said specific resonance frequencies. The inventive RF power amplifier provides a high efficiency and a high linearity, in particular at high RF frequencies.

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

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THREE-DIMENSIONAL PRINTER

(51) International classification (31) Priority Document No	:B29C67/00 :0917936.7	(71)Name of Applicant: 1)BLUEPRINTER APS
(32) Priority Date	:13/10/2009	Address of Applicant :RAVNSBORGGADE 2,1. SAL DK-
(33) Name of priority country	:U.K.	2200 COPENHAGEN Denmark
(86) International Application No	:PCT/EP2010/065230	(72)Name of Inventor:
Filing Date	:11/10/2010	1)HARTMANN, ANDERS, ORNSHOLT
(87) International Publication No	:WO 2011/045291 A1	2)TJELLESEN, FREDERIK, WALSTED
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3465/CHENP/2012 A

(57) Abstract:

A primer (106) for building a three-dimensional model by sequential deposition of a plurality of cross-sectional layers by using a thermal print head (1) movable relative to a material bed (102) over a deposited layer. A protective sheet (3) is disposed between the thermal head (1) and deposited layer. Temperature control of the material bed (102) to prevent warping of the model Ls provided by an independently beatable cover (52, 58) in contact with the surface of the material bed (102) e.g. via the protective sheet (3).

No. of Pages: 34 No. of Claims: 15

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MULTIPLEXING DATA AND REFERENCE INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L5/00 :61/255,798 :28/10/2009 :U.S.A. :PCT/US2010/054335 :27/10/2010 :WO 2011/056674 A3 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A. (72)Name of Inventor: 1)XILIANG LUO 2)PETER GAAL 3)JUAN MONTOJO
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(57) Abstract:

Methods, devices and computer program products are provided to improve uplink communications in a wireless communication system. Reference symbols in an uplink transmission radio subframe are time-frequency multiplexed with additional data symbols. The multiplexed data symbols are transmitted in an uplink transmission to another device within the wireless communication network along with non-multiplexed data symbols. The multiplexing operations enable the transmission of additional data symbols without increasing the overhead associated with the transmission of symbols in the radio subframe.

No. of Pages: 67 No. of Claims: 48

(21) Application No.1157/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/04/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: NEW METHOD OF GENERATING CURRENT IN AUTOMOBILES

(51) International classification	:B60J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)A.N. SUGHOSH
(32) Priority Date	:NA	Address of Applicant :NO.1/2 3RD SHOP LANE, TATA
(33) Name of priority country	:NA	SILK FARM, BASAVANGUDI, BANGALORE - 560 004
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)A.N. SUGHOSH
(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 method of generating Current in Automobiles involving the principles of a Turbo machine and an A.C Generator. Major components of this system comprises of a Rotary Element and an Alternator coupled together to perform such a function. The power to the rotor is the velocity of the Exhaust gas coming out from the Engine in the Exhaust Manifold. The Current thus produced is stored in a Battery, can be drawn at will. The variations in the speed of the rotor are taken care by a regulator.

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

(21) Application No.3249/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRIPLE PORRO RESONATOR

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)M/S BHARAT ELECTRONICS LIMITED Address of Applicant: NAGAVARA, OUTER RING ROAD,
(33) Name of priority country(86) International Application No	:NA :NA	BANGALORE - 560 045 Karnataka India (72) Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)VAGATA SREENIVASAIYENGAR SRIKANTH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention pertains to a laser resonator configuration using three Porro prisms. Laser resonator divergence, pulse widths are important specifications of Laser resonator especially for the laser target designators. Very low laser divergence is preferred, as that will lower the spot size on target and hence increase brightness due to which a laser seeker will receive more echo signals. The pulse width is another important factor, as for lower laser pulse widths the seeker responsivity is lower and optimal pulse width is a requirement. This invention aims at reducing laser divergence and increasing pulse width to optimal levels from the earlier configurations.

No. of Pages: 8 No. of Claims: 1

(21) Application No.3387/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: QUALITY PARAMETERS NEGOTIATION BY SPECIFIC URI

(51) International :H04L29/08,H04L12/56,H04L29/12 classification

(31) Priority Document No :10305102.5 (32) Priority Date :01/02/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2010/070706

:23/12/2010

Filing Date (87) International Publication :WO 2011/091927 A1

No

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

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

Filing Date

(71)Name of Applicant: 1)ALCATEL LUCENT

Address of Applicant: 3, AVENUE OCTAVE GREARD, F-

75007 PARIS France (72)Name of Inventor:

1)JOSE JAVIER GARCIA ARANDA

(57) Abstract:

Method for an application client (C) and an application server (S) to negotiate quality parameters of a path (P) within a communication network (NAC, NMC, NB, NMS, NAS) connecting them. The method comprises the application client (C) sending to the application server (S) a request containing an identifier of a resource and said application server (S) sending at least an answer containing data associated to said resource to the application client (C). This request and this answer are transmitted through the path (P). The method is characterized in that the identifier specifies that the at least one answer should be compliant to a quality-aware protocol and contain quality parameters to be enforced by network nodes along the path (P).

No. of Pages: 16 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :19/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPECTRUM INTERPRETATION IN A HETEROGENOUS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/11/2010 :WO 2011/053974 A1 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A. (72)Name of Inventor: 1)JUAN MONTOJO 2)NAGA BHUSHAN 3)WANSHI CHEN 4)PETER GAAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3523/CHENP/2012 A

(57) Abstract:

Certain aspects of the present disclosure provide for the application of extension carriers and carrier segments in the context of heterogeneous networks. As described herein, different parts of the spectrum may be interpreted differently by different type of nodes.

No. of Pages: 38 No. of Claims: 52

(22) Date of filing of Application :01/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD, COMPUTER SYSTEM AND COMPUTER PROGRAM PRODUCT FOR MACHINING SIMULATION AND FOR VISUALLY PRESENTING SUCH SIMULATION

(51) International classification :G05B19/4069 (71)Name of Applicant: (31) Priority Document No 1)PECSI TUDOMANYEGYETEM :P0900636 (32) Priority Date Address of Applicant: VASVARI PAL U. 4, H-7622, PECS :06/10/2009 (33) Name of priority country :Hungary Hungary (86) International Application No :PCT/HU2010/000104 (72)Name of Inventor : Filing Date :30/09/2010 1)TUKORA, BALAZS (87) International Publication No :WO 2011/042764 A4 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for milling process simulation performed on a free-formed body is disclosed. In the method a three-dimensional multi-dexel representation of a free-formed body to be processed is generated by using a three-dimensional depth peeling algorithm at a first virtual camera position and a predetermined grid spacing (S110), wherein each of the dexels are stored independently of each other regarding their neighborhood relations, and each of the dexels is associated with at least the following pieces of information: information relating to the spatial position and direction of the dexel, preferably the display coordinates of the dexel and the depth coordinate of the end points of the dexels, geometric information relating to the workpiece surface intersected by the dexel at the starting point and the end point of the dexel. Then a volume representation of the tool or a volume representation the swept volume of the tool is generated by using a three-dimensional depth peeling algorithm (S120) at a second virtual camera position, wherein said second virtual camera position is identical to said first virtual camera position, and wherein the surface segments of the tool thus obtained are described by display coordinates and depth coordinates associated with said respective display coordinates. In predetermined positions of the tool along the tool path, the depth coordinates of each dexel are compared to the depth coordinates of the surface segments of the tool or the swept volume of the tool that have the same display coordinates as those ones of the dexel, and accordingly, for each of the dexels, the intersection points of the particular dexel and the surface segments of the tool (S130) are determined. A dexel is kept unchanged If the dexel has no Intersection point with the tool surface (S131), or the respective parameters of the dexel are modified if the dexel has an intersection point with one surface segment of the tool (\$132), or the dexel is converted into two or more shorter dexels if the dexel has multiple intersection points with more than one of said surface segments (S133). Thereby a modified three-dimensional dexel-volume representation of the workpiece is generated at a particular position of the tool.

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

(22) Date of filing of Application :02/01/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY MANAGING A NON-DISCONTINUOUS RECEPTION MODE SPECIFIC TO USER EQUIPMENTS

(51) International classification	·HOAW	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HIRISAVE Pradeep Krishnamurthy
Filing Date	:NA	2)JAMADAGNI Satish Nanjunda Swamy
(62) Divisional to Application Number	:NA	3)GANAPATHI Sarvesha Anegundi
Filing Date	:NA	

(57) Abstract:

The present invention provides a method and system for dynamically managing a non-discontinuous reception mode specific to user equipments. In one embodiment, a method includes obtaining statistical data associated with an ongoing data transfer session with a user equipment. Further, the method includes analysing the statistical data to determine a probability of establishing a new downlink TBF for a short time after the current TBF is released. The method also includes computing a non-DRX timer value for the ongoing data transfer session with the user equipment based on the analysis of the statistical data. Furthermore, the method includes transmitting a network message indicating the non-DRX timer value specific to the ongoing data transfer session to the respective user equipments. Moreover, the method includes operating in a non-DRX mode after the TBF is released and till the non-DRX timer value received in the network message is expired.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MULTI PURPOSE MANUAL RPM GENERATOR

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATESAN KANNUSAMY RAMALINGAM
(32) Priority Date	:NA	Address of Applicant :NO. 37, ANNA STREET,
(33) Name of priority country	:NA	KANAGAM, TARAMANI, CHENNAI - 600 113 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NATESAN KANNUSAMY RAMALINGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Treadle Board(T), as shown in the Figures, is being treadled (Simple push down of either foots) and thus the Chains (A, B, A1 and B1) connected to the treadle Board T and Chain Driven Sprockets (SPR) make the Sprockets SPR rotate, and hence the Free Wheels and succeeding Gears transmit rotations. Pushing down T From Side 1: Assume that the Side 1 is pushed down(treadled), Anticlockwise Free Wheels A & B rotate and so the Main Shaft MS, Main Gear MG and Fly Wheels also rotate hence the further mechanism tend to transmit till Electricity Generators EG1 and EG2. Here the Clockwise Free Wheels rotations goes as free rotations(unproductive) Pushing down T From Side 2: Now pushing down the Ts side 2, the Anticlockwise Free Wheels rotations go as free rotations(unproductive), but upon pushing down the Side 2 the Clockwise Free wheels make the productive rotations here and hence the Side Gears (SGI & SG2) meshed with the Main Gear (MG) transmits the rotations to MG and enhances the same in rotations. The rotations are thus transmitted to Gear 2, to Gear 3, to Gear 4, Gears 5A, 5B & 6A, 6B, Pulleys Pl-pair and P2-pair and finally to any sort of RPM requiring machines(Automobiles, Motors, Electricity Generators etc.,), here for instance Electricity Generators EG1 and EG2, ref the figures 1 and 2. And another more important alternative feature here is, in order to get RPM, instead of this Treadle Board Mechanism any sort of manual or mechanical technique(Pulling Pushing, Driving etc.,) can be followed, as per commercializing requirement.

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

(21) Application No.3482/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING A MOUTHPIECE COVER OF A CIGARETTE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A 1545/2009 :30/09/2009 :Austria	(71)Name of Applicant: 1)TANNPAPIER GMBH Address of Applicant: JOHANN ROITHNER-STRABE 131 A-4050 TRAUN Austria (72)Name of Inventor: 1)GRIESMAYR, GUNTER
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(57) Abstract:

A method and a device for producing a mouthpiece cover (2) and/or a filter wrap of a cigarette, a mouthpiece cover material and/or a filter wrap material being provided with at least one inspection hole (4) of a definable shape.

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

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.3883/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION APPARATUS

(51) International :H04N5/232,G03B15/00,G03B17/02 classification

(31) Priority Document No :2009-252155 (32) Priority Date :02/11/2009

(33) Name of priority :Japan

country

(86) International :PCT/JP2010/068666 Application No

:22/10/2010 Filing Date

(87) International Publication :WO 2011/052492 A1

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

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

(71)Name of Applicant: 1)NEC CORPORATION

Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU,

TOKYO 108-8001 Japan (72)Name of Inventor: 1)TAJIMA, YASUHIRO

(57) Abstract:

A mobile communication apparatus of the present invention is provided with a first camera section to image a subject, a second camera section to image a photographer or a personal thing, a start control section, an operation recognizing section, and an imaging control section. The start control section controls the second camera section to start imaging in response to a start instruction and to generate still image data in order. The operation recognizing section compares current still image data and previous still image data, which are still image data, in response to an imaging start instruction. The imaging control section controls the first camera section to image the subject and to generate imaged data, when the current still image data is changed from the previous still image data. Thus, the mobile communication apparatus of the present invention can stabilize the imaging when imaging the subject by a camera function.

No. of Pages: 28 No. of Claims: 17

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HETEROCYCLYL PYRAZOLOPYRIMIDINE ANALOGUES AS JAK INHIBITORS

(51) International classification :C07D487/00,A61K31/505,A61P35/00

(31) Priority Document No :09173535.7

(32) Priority Date :20/10/2009
(33) Name of priority

country :EPO

(86) International

Application No :PCT/EP2010/065700

Filing Date :19/10/2010

(87) International Publication No :WO 2011/048082 A1

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant : 1)CELLZOME LIMITED

Address of Applicant :CHESTERFORD RESEARCH PARK, LITTLE CHESTERFORD, CAMBRIDGE, CB10 1XL U.K.

(72)Name of Inventor: 1)RAMSDEN, NIGEL

2)HARRISON, RICHARD, JOHN

3)OXENFORD, SALLY 4)BELL, KATHRYN 5)PITON, NELLY

6)DAGOSTIN, CLAUDIO 7)BOUSSARD, CYRILLE 8)RATCLIFFE, ANDREW

(57) Abstract:

The present invention relates to compounds of formula (I) wherein X1 to X5, Y, Z1 to Z3, and R have the meaning as cited in the description and the claims. Said compounds are useful as JAK inhibitors for the treatment or prophylaxis of immunological, inflammatory, autoimmune, allergic disorders, and immunologically-mediated diseases. The invention also relates to pharmaceutical compositions including said compounds, the preparation of such compounds as well as the use as medicaments.

No. of Pages: 309 No. of Claims: 24

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTACT AND ELECTRICAL CONNECTING APPARATUS

(51) International classification	:H01R13/24	(71)Name of Applicant:
(31) Priority Document No	:PCT/JP2009/066787	1)KABUSHIKI KAISHA NIHON MICRONICS
(32) Priority Date	:28/09/2009	Address of Applicant :6-8. KICHIJOJIHONCHO 2-CHOME,
(33) Name of priority country	:PCT	MUSASHINO-SHI, TOKYO Japan
(86) International Application No	:PCT/JP2010/062251	(72)Name of Inventor:
Filing Date	:21/07/2010	1)KIMURA, KEN
(87) International Publication No	:WO 2011/036935	2)KAKIZAKI, KATSUYUKI
(87) International Lubileation No	A1	3)OSATO, EICHI
(61) Patent of Addition to Application	:NA	4)HASEGAWA, MASASHI
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Electrical contact characteristics are improved, durability is improved, and cost reduction is enabled. A contact according to the present invention comprises a plate-shaped first plunger contacting one member, a plate-shaped second plunger contacting the other member in a state of being overlapped with the first plunger and conducting electricity between the one member and the other member in cooperation with the first plunger, and a compression coil spring which is a member coupling the first plunger with the second plunger in a state where contact pieces thereof are in opposite directions from each other, covering outer circumferences of coupling portions of the first plunger and the second plunger, abutting on spring receiving portions of the respective plungers, and supporting the respective plungers to be relatively slidable. In an electrical connecting apparatus, the contacts are incorporated.

No. of Pages: 54 No. of Claims: 11

(22) Date of filing of Application :30/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

(51) International

:G06T1/00,G03B35/00,H04N13/04 classification

:WO 2011/052389 A1

(31) Priority Document No :2009-250922 (32) Priority Date :30/10/2009 (33) Name of priority country :Japan

(86) International Application :PCT/JP2010/068039

:14/10/2010 Filing Date

(87) International Publication No

(61) Patent of Addition to

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)FUJIFILM CORPORATION

Address of Applicant :26-30, NISHIAZABU 2-CHOME,

MINATO-KU, TOKYO 106-8620 Japan

(72)Name of Inventor: 1)ISHIYAMA, EIJI 2)MISAWA, ATSUSHI 3)YAHAGI, KOICHI 4)ZHANG, YITONG 5)ENDO, HISASHI 6)TANAKA, KOICHI

7)OKUBO, TAKESHI 8) WATANABE, MIKIO

(57) Abstract:

An image processing apparatus according to one aspect of the present invention includes: an image input unit configured to receive two-viewpoint images having a parallax therebetween; a parallax acquisition unit configured to acquire a per-pixel or per-region parallax between the two-viewpoint images; a main subject detection unit configured to detect a main subject on the two-viewpoint images; a parallax acquisition unit configured to acquire a parallax of the main subject; a setting unit configured to set a conversion factor of the parallax in accordance with respective viewpoint positions of multi-viewpoint images to be generated; a correction unit configured to correct the conversion factor of the parallax per pixel, per region, or per image on a basis of the parallax of the main subject; a multi-viewpoint image generation unit configured to convert at least one image of the two-viewpoint images in accordance with the corrected conversion factor of the parallax, to thereby generate the multi-viewpoint images; an image adjustment unit configured to shift the two-viewpoint images or the multi-viewpoint images in a horizontal direction so that the parallax of the main subject on the multi-viewpoint images becomes a parallax appropriate for stereoscopic view; and a stereoscopically-displayed image generation unit configured to generate a stereoscopically-displayed image on a basis of the multi-viewpoint images.

No. of Pages: 55 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:04/02/2011 :WO 2011/096591 A1 :NA	(71)Name of Applicant: 1)YAZAKI CORPORATION Address of Applicant: 4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)TAKAHASHI, KAZUHIDE 2)SUZUKI, TOSHIFUMI
(61) Patent of Addition to Application		

(21) Application No.3892/CHENP/2012 A

(57) Abstract:

A connector includes a plurality of metal terminals, a connector housing and a spacer. The connector housing respectively receives the metal terminals, has a plurality of terminal accommodating chambers which are aligned in parallel therein and are partitioned with a partition wall each other, and has a first outer wail which is formed with a first opening and a second outer wall which is formed with a second opening. The spacer is inserted into the plurality of terminal accommodating chambers through the first opening so as to hold the plurality of metal terminals so that the metal terminals are prevented from withdrawal from the connector housing, and has a superposing wall which extends toward the second outer wall. The superposing wall superposes on the partition wall and a distal end portion of the superposing wall is located within the second opening.

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

(21) Application No.1040/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF INFLAMMATORY DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)NATARAJAN Address of Applicant: KARUPPANVALASU PUTHUR, POST: NANJATTHALAYUR,(VIA) CHINNATHARAPURAM, THARAPURAM TALUK, DISTRICT-TIRUPUR-640 601. Tamil
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	Nadu India (72)Name of Inventor: 1)NATARAJAN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention in a preferred embodiment provides for herbal compositions for treatment or prevention of inflammatory diseases such as mastitis. 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 Coccinia indica.

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

(19) INDIA

(22) Date of filing of Application: 18/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ADJUVANTED VACCINE FORMULATIONS

:NA

(51) International classification :A61K39/145,A61K39/09 (71)Name of Applicant : (31) Priority Document No :09172099.5 1)MUCOSIS B.V. (32) Priority Date :02/10/2009 Address of Applicant :L.J. ZIELSTRAWEG 1, 9713 GX (33) Name of priority country **GRONINGEN Netherlands** :EPO (86) International Application No (72)Name of Inventor: :PCT/NL2010/050639 Filing Date 1)SCHOUTEN, GOVERT JOHAN :01/10/2010 :WO 2011/040811 A1 (87) International Publication No 2)LEENHOUTS, CORNELIS JOHANNES (61) Patent of Addition to Application :NA Number :NA Filing Date

(21) Application No.3473/CHENP/2012 A

(57) Abstract:

Filing Date

The invention relates to adjuvanted vaccine formulations, in particular influenza vaccines for intranasal delivery. Provided is an adjuvanted influenza vaccine formulation, comprising (i) peptidoglycan microparticles obtained from a Gram-positive bacterium and (ii) at least one influenza virus antigen or antigenic preparation thereof, which antigen or antigenic preparation is not fused or otherwise covalently attached to a proteinaceous peptidoglycan binding moiety.

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

(62) Divisional to Application Number :NA

(22) Date of filing of Application :11/11/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR TRANSFERRING FUNDS OVER A VOICE CALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06Q :NA :NA :NA :NA	(71)Name of Applicant: 1)BEWO TECHNOLOGIES PVT. LTD Address of Applicant:#803-804, PRESTIGE MERIDIAN II, M.G. ROAD, BANGALORE - 560 001 Karnataka India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)SHARAD PAWAR 2)MANJUNATH GUNDURAO 3)TEJASVI GANGAIAH

(57) Abstract:

The various embodiments herein provide a method and system for transferring funds between users over a voice call. The method of registering a plurality of users for funds transfer with a payment system, initiating the voice call between a payer and a payee involved in the funds transfer, establishing a communication link with the payment system during the voice call, providing a funds transfer request to the payment system by the payer, prompting an authentication token and providing a biometric signature of the payer and the payee to the payment system, verifying identity of the payer and the payee based on the authenticity of the biometric signature, retrieving the payer and the payee details from a central database, initiating the funds transfer and sending a funds transfer notification to the payer and the payee indicating that the payment from the payer to the payee has been made.

No. of Pages: 30 No. of Claims: 18

(21) Application No.3880/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD FOR IMPROVING THE QUALITY OF SERVICE OF A CELLULAR TELECOMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W16/28 :09174961.4 :03/11/2009 :EPO :PCT/EP2010/066529 :29/10/2010 :WO 2011/054768 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, AVENUE OCTAVE GREARD, F- 75007 PARIS France (72)Name of Inventor: 1)ROUFFET, DENIS 2)CALIN, DORU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method for improving the quality of service of a cellular telecommunication network The invention relates to a method for improving the quality of service of a cellular telecommunication network wherein cells (101, 201) are irradiated by radio beams (102, 104, 106, 108, 110, 112; 202, 204, 206, 208, 210, 212) generated by base stations, each base station (100, 120) comprising means to irradiate at different time different areas (103, 105; 203, 205) of an associated cell by forming different radio beams, characterized in that it comprises the step of synchronizing a first sequence of radio beams (104,106), generated by a first base station (100), with at least one other sequence of radio beams (204, 206), generated by at least one other base station (120), in order to limit the radio interferences between said first base station (100) and said at least one other base station (120).

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

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING A SOLAR POWER RECEIVING TUBE AND RESULTING TUBE

(51) International classification	:F24J2/05,F24J2/46	(71)Name of Applicant:
(31) Priority Document No	:P200901950	1)ABENGOA SOLAR NEW TECHNOLOGIES, S.A.
(32) Priority Date	:05/10/2009	Address of Applicant :AVENIDA DE LA BUHAIRA 2,
(33) Name of priority country	:Spain	41018 SEVILLA Spain
(86) International Application No	:PCT/ES2010/000406	(72)Name of Inventor:
Filing Date	:04/10/2010	1)MARTINEZ SANZ, NOELIA
(87) International Publication No	:WO 2011/042580	2)ASENSIO PEREZ ULLIVARRI, JAVIER
(87) International Lubication No	A1	3)BOMBIN ORTEGA, PABLO JOSE
(61) Patent of Addition to Application	:NA	4)PELAEZ FOMBELLIDA, JAVIER
Number	:NA	5)RICO SANCHEZ, JOSE ANGEL
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing a solar power receiving tube and to the resulting tube, which is of the type that includes: an outer glass tube, an inner metal absorber through which a heat-transfer fluid flows, and an intermediate area in which the vacuum is produced. The method comprises the following steps: i. Production of the metal tubes ii. Production of the glass tubes: namely a longer central glass tube and two shorter glass tubes for the ends. iii. Process for the production of the Kovar rings or glass-metal transition elements iv. Process for the welding of the Kovar rings to the tubes v. Process for the production of the bellows or expansion compensating devices assemblies vi. Assembly of the products obtained in the preceding operations vii. Creation of the vacuum and anodising of the welds (1)

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

(21) Application No.3884/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMMUNICATION DEVICE, COMMUNICATION SYSTEM, COMMUNICATION DEVICE CONTROL METHOD, AND COMMUNICATION DEVICE CONTROL PROGRAM

(51) International classification :H04W52/02,H04
(31) Priority Document No :2009-251918
(32) Priority Date :02/11/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/069228 Filing Date :22/10/2010

(87) International Publication No :WO 2011/052700 A1

(61) Patent of Addition to Application Number :NA

Filing Date

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

:H04W52/02,H04W84/12 (71)Name of Applicant : :2009-251918 1)NEC CORPORATION

Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU,

TOKYO 108-8001 Japan (72)Name of Inventor: 1)ZAITSU, MAKOTO

(57) Abstract:

In order to make possible stopping of a receive operation without stopping the communication operation of an external communication device while the effects on the reception of signals from the communication device are suppressed as much as possible, a communication device comprises: a transmission means for transmitting a first signal during a specified time interval to an external communication device provided with a stop transmission function for stopping transmission; and a reception means which is provided with a stop reception function for stopping reception, and receives a second signal transmitted by the external communication device. The communication device also comprises a stop transmission request means which includes in the first signal stop transmission request information for requesting the stopping of the transmission of the second signal to the external communication device; and a stop reception means which stops the receive operation of the reception unit after the first signal including the stop transmission request information is transmitted.

No. of Pages: 62 No. of Claims: 23

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPARATUS AND METHODS FOR TAKING BLOOD GLUCOSE MEASUREMENTS AND RECOMMENDING INSULIN DOSES

		(71)Name of Applicant:
(51) International classification	:A61M31/00	1)HYGIEIA, INC. Address of Applicant :2725 SOUTH INDUSTRIAL
(31) Priority Document No	:61/257,886	HIGHWAY, SUITE 200, ANN ARBOR, MICHIGAN-48104
(32) Priority Date	:04/11/2009	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/055246	1)BIELAWA, HOLLY
Filing Date	:03/11/2010	2)DEMETRIS, CARISSA
(87) International Publication No	:WO 2011/056839 A1	3)GOEBEL, JAMES
(61) Patent of Addition to Application	:NA	4)MORTON, CAROL, TREAT
Number	:NA	5)POMORSKI, MICHELLE
Filing Date	.11/1	6)PURICELLI, THOMAS
(62) Divisional to Application Number	:NA	7)RODGERS, JIM
Filing Date	:NA	8)BASHAN, ERAN
		9)ISRAEL HODISH
		10)HINDINGER, JOHN, R.

(57) Abstract:

The present disclosure related to an apparatus that may be used for taking blood glucose measurements and providing individualized insulin dose recommendations wherein the apparatus is easy to use and facilitates improved diabetes control in patients. Also disclosed are related methods.

No. of Pages: 61 No. of Claims: 33

(22) Date of filing of Application :02/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: MODULAR ROOF SYSTEM FOR A BUILDING

:NA

(51) International classification :E04D3/35,E04B7/22,F24J2/04 (71)Name of Applicant :

(31) Priority Document No :TO2011A000072

(32) Priority Date :28/01/2011 (33) Name of priority country :Italv

(86) International Application No :PCT/IB2011/055646

Filing Date :13/12/2011

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)VASS TECHNOLOGIES S.R.L.

Address of Applicant: VIA SOMMARIVA 35/5, I-10022.

CARMAGNOLA (TORINO) Italy

(72)Name of Inventor:

1)GIANOLIO, GIUSEPPE

(57) Abstract:

A modular roof system for a building is described, said system comprising a plurality of roofing modules (M) which are designed to be arranged alongside each other substantially with continuity on a supporting structure (C, T), wherein each roofing module (M) comprises a supporting base (20; 120) which is designed to receive at least one functional element of the roofing and rests on the support structure (C, T) in an installation condition, and a top covering part (22; 122) supported on the base (20; 120). The base (20; 120) is shaped so as to define at least one free channel (26: 126) extending substantially along a first direction of juxtaposition of the modules (M) and each roofing module (M) has interlocking joining means for joining together with adjacent modules (M) along at least one direction of juxtaposition of the modules (M). A method for installing a modular roof system comprises: executing a method for configuring the building roof, including determining the number of roofing modules (M) depending on the surface dimensions of the roof pitches and selecting a plurality of roofing modules (M) equipped with functional devices; laying the selected roofing modules (M) according to the configuration method; laying a network for connecting together the functional devices of the roofing modules along the service channels (40) in a predetermined covering direction of the roof; and carrying out at least one procedure for testing the set of functional devices present.

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

(21) Application No.3888/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING POORLY SOLUABLE ACTIVE INGREDIENT AND HYPERBRANCHED PLYMER

(51) International

:A61K9/14,A61K31/64,A61K47/34

classification

:09172391.6

(31) Priority Document No (32) Priority Date

:07/10/2009

(33) Name of priority country: EPO

(86) International Application

:PCT/EP2010/064916

No

:06/10/2010

Filing Date

(87) International Publication :WO 2011/042463 A2

(61) Patent of Addition to

:NA

Application Number Filing Date

:NA

(62) Divisional to Application :NA Number

:NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)LEK PHARMACEUTICALS D.D.

Address of Applicant: VEROVSKOVA 57, 1526

LJUBLJANA Slovenia (72)Name of Inventor: 1) REVEN, SEBASTJAN

2)ZAGAR, EMA

The present invention belongs to the field of pharmaceutical industry and relates to a pharmaceutical composition comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient, wherein the polymer and the pharmaceutically active ingredient are present in a specific weight ratio, and to a process for the preparation of said pharmaceutical composition. The present invention is also directed to a powder or granulate comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient in a specific weight ratio, to a process for the preparation of said powder or granulate, and to a pharmaceutical dosage form comprising the pharmaceutical composition, powder or granulate. Furthermore, the present invention relates to a process for preparing a solid dispersion of a hyperbranched polymer and at least one API. Moreover, it relates to the use of a crystalline carrier for the preparation of a mixture of hyperbranched polymer and a pharmaceutically active ingredient, as well as to the use of polyesteramide hyperbranched polymers for the preparation of a pharmaceutical composition, to the use of a hydrophilic or hydrophobic carrier for the preparation of said composition comprising a specific group of API, and to the use of a specific API and at least one hyperbranched polymer for the preparation of a pharmaceutical composition.

No. of Pages: 61 No. of Claims: 15

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELF-PIVOTING SPINAL IMPLANT AND ASSOCIATED INSTRUMENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F2/46,A61F2/44 :NA :NA :NA :PCT/US2009/063371 :05/11/2009 :WO 2011/056172 A1 :NA :NA :NA	1)SYNTHES GMBH Address of Applicant :EIMATTSTRASSE 3, CH-4436 OBERDORF Switzerland (72)Name of Inventor: 1)LINDENMANN, PHILIPPE
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(57) Abstract:

An intervertebral implant (100) includes an insertion end (110), an opposing engagement end (115), and first and second opposed main surfaces (120,125) configured to contact respective adjacent vertebral endplates. Each of the first and second main surfaces has an anterior edge, a posterior edge, and extends between the insertion and engagement ends. Anterior and posterior walls (130) are formed between the first and second main surfaces and along the respective anterior and posterior edges and converge at the insertion and engagement ends. A slot (135) is formed at the engagement end and extends continuously between and at least partially along the anterior and posterior walls. A post (180) is positioned within the slot, spaced from at least one of the anterior and posterior walls and extending at least partially between the first and second main surfaces. The post includes a plurality of exposed facets and is configured for engagement with a pivotable insertion instrument.

No. of Pages: 40 No. of Claims: 17

(21) Application No.3894/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DIMMABLE LIGHTING SYSTEM

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:61/249,483	1)LEMNIS LIGHTING PATENT HOLDING B.V.
(32) Priority Date	:07/10/2009	Address of Applicant :FLEVOLAAN 41, NL-1411 KC
(33) Name of priority country	:U.S.A.	NAARDEN Netherlands
(86) International Application No	:PCT/EP2010/065036	(72)Name of Inventor:
Filing Date	:07/10/2010	1)VELTMAN, ANDRE
(87) International Publication No	:WO 2011/042510 A2	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lighting system for operation with a dimmer circuit (1) comprising a triac (TR1) connected to a load. The load comprises a driver circuit for supplying current to a light source comprising one or more LEDs (LED 1-4), the current being determined at least in part by an adjusted setpoint value. The system further comprises a setpoint filter circuit (20) for obtaining a dimmer setpoint value (21) determined at least in part by a setting of the dimmer circuit (1), and for generating an adjusted setpoint value (24). The sensitivity of the adjusted setpoint value to changes in the dimmer setpoint value is low at low values of the dimmer setpoint value.

No. of Pages: 49 No. of Claims: 50

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR ALMOST GERM-FREE PROVISION OF A FLUID MEDIUM

(51) International :A61M5/142,A61M5/20,A61M5/24

classification (31) Priority Document No :09174940.8

(32) Priority Date :03/11/2009 (33) Name of priority country :EPO

(86) International Application :PCT/EP2010/066491

No Filing Date :29/10/2010

(87) International Publication :WO 2011/054755 A1

No (61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application
Number
Siling Data
:NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland (72)Name of Inventor:
1)ARNITZ, THEO
2)LAMMEL, MICHAEL

3) VOCKE, TOBIAS

A method is proposed for removing a fluid medium (112) from a container (118). The method comprises the following steps: a) providing a removal device (116) with a closed-off, sterilizable interior (122), with at least one needle element (138, 140) being held in the interior (122), the interior (122) being closed off by at least one sealing element (126) that can be perforated, b) providing the container (118) which contains the fluid medium (112), the container (118) having at least one container wall (162) with at least one section (148) that can be perforated, c) connecting the removal device (116) and the container (118), the section (148) that can be perforated and the sealing element (126) that can be perforated being interconnected such that at least one protected region (166) is created between the section (148) that can be perforated and the sealing element (126) that can be perforated, the protected region (166) being closed off with respect to the surroundings (170) in a substantially almost germ-free fashion as a result of the connection, and d) perforating the sealing element (126) that can be perforated and the section (148) that can be perforated by means of the needle element (138, 140), the needle element (138, 140) penetrating the protected region (166).

No. of Pages: 51 No. of Claims: 25

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INTERNET DOMAIN NAME SUPER VARIANTS

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:12/609,794	1)VERISIGN, INC.
(32) Priority Date	:30/10/2009	Address of Applicant :12061 BLUEMONT WAY, RESTON,
(33) Name of priority country	:U.S.A.	VA 20190 U.S.A.
(86) International Application No	:PCT/US2010/054389	(72)Name of Inventor:
Filing Date	:28/10/2010	1)COLOSI JOHN
(87) International Publication No	:WO 2011/053669 A1	2)VEERAMACHANENI SRIKANTH
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for registering a domain, including Internationalized Domain Names (IDNs), including receiving a request to register an IDN and determining a language category of the request. Code points of the request are converted to yield a generalized variant of the IDN. The generalized variant is compared to a stored database of registered IDNs, that may include similar generalized variants of the registered IDNs. Based on the comparison, it is determined whether or not to register the IDN In the case the that IDN registration is allowed, the generalized variant of the IDN may be stored in the database to protect against later registration by similar IDNs Converting the code points of the request may include identifying corresponding code points of variants within the language category, and converting each of the code points of the requested IDN based on a deterministic algorithm applied to the corresponding code points.

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

(22) Date of filing of Application :03/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSFER APPARATUS FOR TRANSFERRING AN ITEM

(51) International :B65G23/20,B65G47/08,B65G47/84

classification .B03G23/20,B03G4//08,B03G4

(31) Priority Document No :2003570 (32) Priority Date :29/09/2009 (33) Name of priority country:Netherlands

(86) International :PCT/NL2010/050637

Application No Filing Date :PC1/NL2010

(87) International Publication :WO 2011/040810 A1

No (61) Patent of Addition to :NA

Application Number Filing Date :NA

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

(71)Name of Applicant:

1)VAN DER SLUIS CIGAR MACHINERY B.V.

Address of Applicant :20, IJSSELKADE, NL-8261 AB

KAMPEN Netherlands (72)Name of Inventor:

1)VAN DER VLIET, ALBERT 2)SLOBBE, JEROEN AART JAN

3)SLURINK, OSCAR

(57) Abstract:

A transfer apparatus for transferring an item comprising; a rail (3) forming an endless track (4) along which the item (100) is transferred, a transporter (41, 42) which is movable along the rail and comprises at least one gripper (10) for gripping the item, a driver (7) for moving the transporter along the rail, wherein the transporter comprises at least two carriers (8) engaging the rail and located at a distance from each other, neighbouring carriers are coupled to each other by a coupler (9), at least one coupler is carrying at least one gripper, the rail comprises a first face (12) and a second face (13), each carrier comprises a first engage member (14) and a second engage (15) member (15) engaging the first face (12) and a third engage member (16) engaging the second face (13), the engage members of each carrier are positioned relative to each other such that said engage members form a triangle.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MULTIPLE ORIENTATION BATTERY CONNECTOR

(51) International classification :H01M2/30,H01M2/34 (71)Name of Applicant : (31) Priority Document No 1)MICROSOFT CORPORATION :12/605,860 (32) Priority Date Address of Applicant :ONE MICROSOFT WAY. :26/10/2009 (33) Name of priority country REDMOND, WASHINGTON 98052-6399 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2010/053931 1)LARSEN, GLEN, C. Filing Date :25/10/2010 (87) International Publication No :WO 2011/056500 A3 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A connector is provided for electrically coupling a battery with a battery-powered device. The connector includes a first dual-contact assembly and a second dual-contact assembly. Each dual-contact assembly includes a positive contact for contacting a positive PP3 terminal of a PP3 battery, and a negative contact for contacting a negative PP3 terminal of the PP3 battery. Each dual-contact assembly is configured so when the dual-contact assembly is physically engaged with either PP3 battery terminals, one of the contacts of the dual-contact assembly electrically engages the PP3 battery terminal, while the other of the contacts is electrically insulated from the PP3 battery terminal. Accordingly, the PP3 battery may be installed in either of two valid connection states relative to the connector, in which appropriate electrical connectivity is provided via the connector to a device to be powered by the PP3 battery.

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

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR PRODUCING A THERMOPLASTIC RESIN FILM

(51) International classification	:B29C47/88	(71)Name of Applicant:
(31) Priority Document No	:2009-233133	1)TORAY INDUSTRIES, INC.
(32) Priority Date	:07/10/2009	Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, TOKYO 103-8666 Japan
(86) International Application No	:PCT/JP2010/067348	(72)Name of Inventor:
Filing Date	:04/10/2010	1)LEE, DOSEOK
(87) International Publication No	:WO 2011/043285	2)INOUE, HIROYUKI
(67) International Lubication No	A1	3)ASO, HIROYUKI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a thermoplastic resin film manufacturing method and manufacturing device which prevent suction of an air containing a high concentration of oligomer around an extrusion die into an auxiliary cooling device, thereby suppressing damages due to foreign substances caused by the oligomer, which considerably reduces the deterioration of fabrication yield and cleaning loss resulting from the damages due to the foreign substances. Specifically disclosed are the thermoplastic resin film manufacturing method and manufacturing device wherein an air volume sprayed by the auxiliary cooling device onto the surface of the film on the opposite side thereof to the cooling drum side thereof is set to be larger than the suction amount by an exhaust mechanism between nozzles, to avoid the suction of the air containing the high concentration of oligomer around the extrusion die into the auxiliary cooling device, thereby preventing precipitation and deposition of the oligomer onto spraying nozzles within the auxiliary cooling device and the suction surface of the exhaust mechanism between nozzles.

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

(21) Application No.3890/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: USE OF POROUS METALLIC MATERIALS AS CONTACT CONNECTION IN THERMOELECTRIC **MODULES**

(51) International :H01L35/04,H01L35/08,H01L35/10

:NA

classification

(31) Priority Document No :09174855.8 (32) Priority Date :03/11/2009

(33) Name of priority country: EPO

(86) International Application :PCT/EP2010/066493

No

:29/10/2010 Filing Date

(87) International Publication :WO 2011/054756 A1

(61) Patent of Addition to :NA

Application Number Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

materials.

(71)Name of Applicant:

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor:

1)STEFAN, MADALINA ANDREEA

2)TRAUT, ALEXANDER

In the thermoelectric module composed of p- and n-conductive thermoelectric material legs which are connected to one another alternately via electrically conductive contacts, at least some of the electrically conductive contacts on the cold and/or the warm side of the thermoelectric module are formed between, or embedded into, the thermoelectric material legs composed of porous metallic

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	:G02F1/1368,G02F1/1339,G09F9/30 :2009-234367 :08/10/2009 :Japan :PCT/JP2010/067688	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan (72)Name of Inventor: 1)MORIWAKI, HIROYUKI
Application No Filing Date	:07/10/2010	
(87) International Publication No	:WO 2011/043440 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In the liquid crystal display device of the present invention, it is difficult for short circuit between an active matrix substrate and a counter substrate to occur. The liquid crystal display device includes a conduction preventing member (31) to prevent electrical conduction between an electrode film (19) to make a gate wiring (12) and a main wiring (14c) conductive in a contact hole (20) in the active matrix substrate (1) and an electrode film (23) as a common electrode of the counter substrate (2). The conduction preventing member (31) is provided, on at least one of the active matrix substrate (1) and the counter substrate (2), in a position at least partially overlapping the electrode film (19) in the substrate normal direction between the electrode film (19) of the active matrix substrate (1) and the electrode film (23) of the counter substrate (2).

No. of Pages: 121 No. of Claims: 16

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TOOL TROLLEY FOR ELECTROLYSIS MULTIFUNCTIONAL MACHINE SET

(71)Name of Applicant: (51) International classification :B66C17/06,C25C3/14 1)CHINA ALUMINUM INTERNATIONAL (31) Priority Document No :200920314109.7 ENGINEERING CORPORATION LIMITED (32) Priority Date :05/11/2009 Address of Applicant : BUILDING C, NO. 99, XINGSHIKOU (33) Name of priority country :China ROAD, HAIDIAN DISTRICT, BEIJING - 100 093 China (86) International Application No :PCT/CN2010/001765 (72)Name of Inventor: Filing Date :03/11/2010 1) CHEN, CAIRONG (87) International Publication No :WO 2011/054184 A1 2)KONG, LIZHEN (61) Patent of Addition to Application 3)LV, GUANGHUA Number :NA 4)DUAN, XIAOMING Filing Date 5)LIU, SHENGFEI (62) Divisional to Application Number :NA 6)LIU, HONG Filing Date :NA 7)YAN, YAN

(57) Abstract:

A tool trolley for an electrolysis multifunctional machine set comprises: a frame (1); a hopper (2) fixed to the frame; a tool rotarytable (3) disposed at the lower portion of the hopper and rotatable around the hopper; an operating cab (4) disposed below the center of the tool rotarytable; a crust breaking tool (5), an anode replacing tool (6), a grab bucket tool (7) for cleaning anode pit and a feeding tool (8) of the tool rotarytable flexibly connected to the tool rotarytable disposed around the operating cab; a rotation drive mechanism (13) disposed between the hopper and the tool rotarytable. The tools are radially configured around the operating cab which is rotatable within ± 190 degrees or stationary, and meanwhile, the operating console in the operating cab may also be rotated ± 90 degrees. Therefore, it is convenient for operation, and the operator is provided with a wider view. The tool trolley is simple in structure, and can be installed and maintained in an easier and quicker manner. The configuration of such a tool trolley breaks through the conventional manners, and the product is more novel in appearance.

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

(21) Application No.3935/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : THE USE OF SPECIFIC COMPOSITE MATERIALS AS ELECTRIC ARC EXTINCTION MATERIALS IN ELECTRICAL EQUIPMENT

(71) I	1101110/20	(71\N)
(51) International classification	:H01H9/30	(71)Name of Applicant:
(31) Priority Document No	:09 57767	1)SCHNEIDER ELECTRIC ENERGY FRANCE
(32) Priority Date	:03/11/2009	Address of Applicant :35 RUE JOSEPH MOUNIER, RUEIL
(33) Name of priority country	:France	MALMAISON-92500 France
(86) International Application No	:PCT/EP2010/066740	(72)Name of Inventor:
Filing Date	:03/11/2010	1)PICCOZ, DANIEL
(87) International Publication No	:WO 2011/054870	
(87) International Laboration No	A1	
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		!

(57) Abstract:

The present invention provides the use of a composite material comprising a polymeric matrix and at least one metal fluoride filler selected from the cerium fluorides CeF3 and/or CeF4, lanthanum fluoride LaF3 and mixtures thereof, as an electric arc extinction material in electrical equipment.

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

(21) Application No.3936/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NON-AQUEOUS PIGMENT DISPERSIONS USING DISPERSION SYNERGISTS

(51) International classification :C09B29/33,C09B67/00,C09D11/00

(31) Priority Document No :EP09174941.6

(32) Priority Date :03/11/2009(33) Name of priority country :EPO

(86) International Application :PCT/EP2010/065506

No :PC1/EP2010 :15/10/2010

Filing Date

(87) International Publication :WO 2011/054652 A1

(61) Patent of Addition to
Application Number
:NA

Filing Date

(71)Name of Applicant : 1)AGFA-GEVAERT

Address of Applicant: SEPTESTRAAT 27, B-2640

MORTSEL Belgium
(72)Name of Inventor:
1)DEROOVER, GEERT

(57) Abstract:

Non-aqueous pigment dispersions exhibiting improved dispersion quality and/or stability were prepared for a specific selection of naphthol AS pigments, diketopyrrolo-pyrrole pigments and quinacridone pigments, by using specific yellow monoazo dispersion synergists. The non-aqueous pigment dispersions can be advantageously used in inkjet inks inkjet printing methods.

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

(21) Application No.3937/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PREPARING AND DISPERSING SURFACE-MODIFIED COLOUR PIGMENTS

(51) International classification :C09B67/46,C09B67/22,C09D11/02

(31) Priority Document No :EP09174938.2 (32) Priority Date :03/11/2009

(32) Priority Date :03/11/200 (33) Name of priority country :EPO

(86) International Application :PCT/EP2010/065759

No Filing Date :20/10/2010

(87) International Publication :WO 2011/054667 A1

No (61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant : 1)AGFA-GEVAERT

Address of Applicant :SEPTESTRAAT 27, B-2640

MORTSEL Belgium
(72)Name of Inventor:
1)DEROOVER, GEERT

(57) Abstract:

A method of preparing a pigment comprising in order the steps of: a) providing a pigment containing a nucleophile group under basic conditions; b) reacting the pigment with 1,4-butane sultone or 1,3-propane sultone in an alkaline medium to form sulfobutyl groups respectively sulfopropyl groups on the pigment surface; and c) adding acid to convert the sulfobutyl groups or sulfopropyl groups to sulfonic acid groups. Pigments obtainable by the method and non aqueous pigment dispersions are also disclosed.

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

(21) Application No.3434/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: CONTEXTUALIZED TELEPHONY MESSAGE MANAGEMENT

·G06O30/00	(71)Name of Applicant :
-	1)CALLSPACE, INC.
· · · · · · · · · · · · · · · · · · ·	Address of Applicant: 13508 BULLICK HOLLOW RD.,
	AUSTIN, TX 78726 U.S.A.
	· ·
	1)RICHARD J. MANLEY
	l '
	3)MICHAEL LEE
	4)CARMICHAEL J. SIMON
:NA	
:NA	
:NA	
	*

(57) Abstract:

In one or more embodiments, one or more methods and/or systems described can transform an inbound call into one or more call streams and/or call states that can include at least one of a contextualized or personalized message, a promotion, a coupon, an offer, a voucher, an advertisement, and an opt-in program, among others. For example, the one or more methods and/or systems described can perform: receiving identification information associated with a telephony device; determining, based on the identification information, a message for the user; and sending the message to the telephony device. For instance, the message can include a coupon or discount for a good or service. In one example, the coupon or discount can be sent via a short message service text message. In another example, the coupon or discount can include a computer-readable image that can be sent via a multimedia messaging service message.

No. of Pages: 141 No. of Claims: 6

N

(21) Application No.3853/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ARMOR PLATE AND METHOD OF PRODUCING SAME

(62) Divisional to Application Number :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F41H5/04 :12/571,832 :01/10/2009 :U.S.A. :PCT/IL2010/000783 :21/09/2010 :WO 2011/039748 A1 :NA	(71)Name of Applicant: 1)PLYSTONE LTD. Address of Applicant: 29 HARAV MAIMON STREET, 59622, BAT YAM Israel (72)Name of Inventor: 1)SHKATOV, VICTOR 2)BLUVBAND, ZIGMUND
(62) Divisional to Application Number :NA	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Filing Date :NA	(62) Divisional to Application Number Filing Date	*	

(57) Abstract:

An armor plate comprising alternating protection layers of light-weight high-strength fiber and reinforcing layers of high tensile strength oblong bodies, and a method for production of armor plates, the method comprising: arranging alternating protection layers of lightweight high-strength fabric and reinforcing layers of high tensile strength oblong bodies; and fastening the layers of the construction together

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

(21) Application No.3854/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PLASTIC PIPE CUTTER

(51) International :B26D3/16,B23D21/08,B23D21/10 classification

(31) Priority Document No :12/573.928 (32) Priority Date :06/10/2009 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2010/051400

:05/10/2010 Filing Date

(87) International Publication :WO 2011/044081 A2

No

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

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

Filing Date

(71)Name of Applicant:

1)EMERSON ELECTRIC CO.

Address of Applicant: 8000 WEST FLORISSANT AVENUE,

ST. LOUIS, MISSOURI-63136-8506 U.S.A.

(72)Name of Inventor: 1)MACSAY, STEVEN M. 2) CHARTIER, GLEN R.

(57) Abstract:

A hand-held cutting tool is described which is used to readily cut or sever flexible pipe or tubing. The tool features one or more openings in the body of the tool sized to accommodate pipe or tubing to be cut. The tool is used to cut tubing by inserting the tubing into one of the apertures. A retractable blade is urged against the tubing and the tool then orbited about the tubing and/or the tubing rotated until the blade severs the tubing.

No. of Pages: 48 No. of Claims: 31

(21) Application No.3855/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012 (4

(43) Publication Date: 14/02/2014

(54) Title of the invention: COMMUNICATION TERMINAL, COMMUNICATION METHOD, COMPUTER READABLE RECORDING MEDIUM HAVING COMMUNICATION PROGRAM RECORDED, AND NETWORK SYSTEM

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
:H04M3/56,G06F13/00
:2009-231158
:05/10/2009
:Japan
:PCT/JP2010/067446
:05/10/2010
:WO 2011/043334 A1

(87) International Publication No :WO 2011/0433
(61) Patent of Addition to Application
Number :NA

Filing Date

(62) Divisional to Application Number

Filing Date

:NA

:NA

:H04M3/56,G06F13/00 (71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor: 1)SUETSUGU, JUNJI 2)SAKAI, TATSUYA 3)AKABANE, TOSHIO

(57) Abstract:

A communication terminal (100A) includes: a display (107), an input device (102) for accepting a first operation instruction; a communication device (101) for connection with a server (400) and another terminal (100B); and a control unit (110) for receiving first contents from the server via the communication device according to the first operation instruction, determining whether connection with another terminal is established or not, transmitting the first contents to another terminal via the communication device when a determination is made that connection with another terminal is established, and causing the display to show the first contents.

No. of Pages: 55 No. of Claims: 7

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ENTITLED DATA CACHE MANAGEMENT

(51) International classification	:G06F12/00	(71)Name of Applicant :
(31) Priority Document No	:12/582,180	1)THOMSON REUTERS GLOBAL RESOURCES
(32) Priority Date	:20/10/2009	Address of Applicant :NEUHOFSTRASSE 1, 6304 BAAR
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2010/053003	(72)Name of Inventor:
Filing Date	:18/10/2010	1)VENKATANARAYANAN KRISHNAMOORTHY
(87) International Publication No	:WO 2011/049848 A1	2)SRINIVASAN VARADRAJAN
(61) Patent of Addition to Application	:NA	3)STEPHEN KNOVICH
Number	*	4)JACQUES LEISY
- , , , , , , , , , , , , , , , , , , ,	:NA	, -
Filing Date		5)VLADIMIR JORNITSKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are disclosed for managing an entitled data cache. A data server may generate and send entitled data to a data cache server. The data cache server, a server that may be located nearer to the user within a data providers computer network, may receive and cache the entitled data. A permission server may store users permissions and transmit the users permissions to the data server and the data cache server. Upon receiving a request for data, the data cache server may retrieve the requested data from the cache and send a subset of the cached data which matches the users permissions to the user, without the need to request the data from the data server.

No. of Pages: 36 No. of Claims: 23

(22) Date of filing of Application :01/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MANUFACTURING THREE-DIMENSIONAL SHAPED OBJECT

(51) International classification: B29C67/00,B22F3/105,B22F3/16 (71)Name of Applicant:

(31) Priority Document No :2009-242685 (32) Priority Date :21/10/2009

(33) Name of priority country :Japan

(86) International Application :PCT/JP2010/068521 No :20/10/2010

Filing Date

(87) International Publication :WO 2011/049143 A1

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

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

(57) Abstract:

1)PANASONIC CORPORATION

Address of Applicant: 1006, OAZA KADOMA, KADOMA-

SHI, OSAKA 571-8501 Japan

(72)Name of Inventor:

1)ABE, SATOSHI 2)YOSHIDA, NORIO

3)FUWA, ISAO

4)HIGASHI, YOSHIKAZU

There is provided a method for manufacturing a three-dimensional shaped object. The method of the present invention comprises the steps of: (i) forming a solidified layer by irradiating a predetermined portion of a powder layer with a light beam, thereby allowing sintering of the powder of the predetermined portion or melting and subsequent solidification thereof; and (ii) forming another solidified layer by newly forming a powder layer on the resulting solidified layer, and then irradiating another predetermined portion of the new powder layer with the light beam, the steps (i) and (ii) being repeatedly performed in a chamber; wherein a localized gas flow is provided in the chamber, and at least a part of a fume generated by the irradiation of the light beam is entrained by the localized gas flow.

No. of Pages: 55 No. of Claims: 14

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ZIRCONIUM-RADIOLABELED, CYSTEINE ENGINEERED ANTIBODY CONJUGATES

(51) International classification :A61K51/10,C07C259/06,C07K16/32

(31) Priority Document No :12/612,912 (32) Priority Date :05/11/2009

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

(86) International :PCT/US2010/055465

Application No
Filing Date

1. C1/03201
:04/11/2010

(87) International Publication No :WO 2011/056983 A1

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

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

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland (72)Name of Inventor:
1)GILL, HERMAN

2)JUNUTULA, JAGATH R. 3)LOWMAN, HENRY, B.

4)MARIK, JAN 5)TINIANOW, JEFF 6)WILLIAMS, SIMON

(57) Abstract:

Antibodies are engineered by replacing one or more amino acids of a parent antibody with non cross-linked, highly reactive cysteine amino acids. Antibody fragments may also be engineered with one or more cysteine amino acids to form cysteine engineered antibody fragments (ThioFab). Methods of design, preparation, screening, and selection of the cysteine engineered antibodies are provided. Cysteine engineered antibodies (Ab) are conjugated with one or more zirconium complex (Z) labels through a linker (L) to form cysteine engineered zirconium-labeled antibody conjugates having Formula I: Ab-(L-Z)p I where p is 1 to 4. Imaging methods and diagnostic uses for zirconium-radiolabeled, cysteine engineered antibody conjugate compositions are disclosed.

No. of Pages: 167 No. of Claims: 21

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARING ALKYL HYDROPEROXIDE COMPOUNDS

(51) International (71)Name of Applicant: :C07C407/00,C07C409/02,C07C409/14 classification 1)RHODIA OPEATIONS (31) Priority Document Address of Applicant: 40, RUE DE LA HAIE COQ, F-93306 :0957834 AUBERVILLIERS France (72)Name of Inventor: (32) Priority Date :05/11/2009 (33) Name of priority 1)BELLENGER, FABIEN :France country 2) DIGUET, LAURENT 3)STREIFF, STEPHANE (86) International :PCT/EP2010/066616 Application No :02/11/2010 Filing Date (87) International :WO 2011/054809 A1 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention relates to a process for manufacturing alkyl hydroperoxide compounds, more particularly the preparation of cyclohexyl hydroperoxide. The invention more particularly relates to the preparation of cyclohexyl hydroperoxide by oxidation with oxygen of cyclohexane in a multistage reactor or reactors mounted in series. According to the invention, the surfaces of the reactor in contact with the oxidation medium are protected by a temperature-resistant PFA polymer coat.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A METHOD OF CALL ADMISSION CONTROL FOR HOME FEMTOCELLS

(51) International (71)Name of Applicant: :H04W28/16,H04W28/26,H04W84/04 classification 1)ALCATEL LUCENT (31) Priority Document No :12/613,578 Address of Applicant: 3, AVENFUE OCTAVE GREARD, F-75007 PARIS France (32) Priority Date :06/11/2009 (33) Name of priority (72)Name of Inventor: :U.S.A. 1)LIVANOS, KONSTANTIN country (86) International :PCT/US2010/053470 Application No :21/10/2010 Filing Date (87) International :WO 2011/056439 A1 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention provides a call admission control method for use in a wireless communication network that includes a femtocell that is coupled to the wireless communication network via a wireline communication network. The method includes receiving, at a call admission controller in the wireless communication network, a request to initiate a call between user equipment and the femtocell. The method also includes accessing, at the call admission controller, information indicating resources available in the wireline comminication network to provide a wired connection between the femtocell and the wireless communication network. The method further includes determining, at the call admission controller, whether to admit the call based on the information indicating the resources available in the wireline conununication network.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIGHT-EMITTING DEVICE, LIGHT-EMITTING MODULE, AND LAMP

(51) International classification	:H01L33/48,F21S2/00	(71)Name of Applicant:
(31) Priority Document No	:2010-293682	1)PANASONIC CORPORATION
(32) Priority Date	:28/12/2010	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2011/004980	(72)Name of Inventor:
Filing Date	:06/09/2011	1)MATSUDA, TSUGIHIRO
(87) International Publication No	:WO/2012/090356	2)TAKEUCHI, NOBUYOSHI
(61) Patent of Addition to Application	:NA	3)NAGAI, HIDEO
Number	:NA	4)UEMOTO, TAKAARI
Filing Date	.IVA	5)MIKI, MASAHIRO
(62) Divisional to Application Number	:NA	6)MOTOYA, ATSUSHI
Filing Date	:NA	

(57) Abstract:

A light-emitting device which emits light tomni directionally is provided. A light-emitting device (1) according to the present invention includes: a package (10) which is translucent; an LED (20) provided in a recess (11) in the package (10); and a sealing member (30) for sealing the LED (20) and packaging the recess (11); and the recess (11) includes a bottom surface (11a) on which the LED (20) is mounted and a side surface (lib) surrounding a bottom surface (11a), and light emitted by the LED (20) is transmitted inside the package (10) through the bottom surface (11a) and the side surface (lib) of the recess (11) and is emitted to outside of the package (10) from the back surface and the side surface of the package (10).

No. of Pages: 68 No. of Claims: 11

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF GASTROINTESTINAL DISORDERS

(51) International classification	·A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHINNAMMA JOSEPH
(32) Priority Date	:NA	Address of Applicant :KALARUKAL,
(33) Name of priority country	:NA	MULLAKANAMEDU, DISTRICT - 685 602 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHINNAMMA JOSEPH
(87) 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 in a preferred embodiment provides for herbal compositions for treatment or prevention of gastrointestinal disorders. 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 careya arborea.

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

(22) Date of filing of Application :28/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR DIGITIZING DOCUMENTS

(51) International classification	H04N	(71)Name of Applicant: 1)GA. CHOCKALINGAM
(31) Priority Document No	:NA	Address of Applicant :SREE, F1, 1ST FLOOR, NEW 171,
(32) Priority Date	:NA	OLD 113, ST. MARYS ROAD, ABHIRAMAPURAM,
(33) Name of priority country	:NA	CHENNAI - 600 018 Tamil Nadu India
(86) International Application No	:NA	2)S. ARAVIND
Filing Date	:NA	3)C. GANESHRAM
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GA. CHOCKALINGAM
Filing Date	:NA	2)S. ARAVIND
(62) Divisional to Application Number	:NA	3)C. GANESHRAM
Filing Date	:NA	

(57) Abstract:

The present invention relates to apparatus and method for digitizing image of documents using image capture apparatus for such images. More particularly, the present invention relates to a document digitizer for producing document images having a selectable range of image types and resolutions at reduced processing bandwidths. Advantageously, the apparatus is compact, less power consuming and can provide both monochrome and color output.

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

(22) Date of filing of Application :04/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: 3-D CONTINUOUS SHAPING OF EDIBLE-BASED EXTRUDATES

(51) International classification	:B29C47/22	(71)Name of Applicant :
(31) Priority Document No	:12/573,614	1)T.F.H. PUBLICATIONS, INC.
(32) Priority Date	:05/10/2009	Address of Applicant :ONE TFH PLAZA, THIRD AND
(33) Name of priority country	:U.S.A.	UNION AVENUES, NEPTUNE CITY, NEW JERSEY-07753
(86) International Application No	:PCT/US2010/050526	U.S.A.
Filing Date	:28/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/043959 A1	1)AXELROD, GLEN S.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A chew toy of non-uniform shape may be manufactured from an edible starch composition by introducing said composition to an extruder having a barrel and subjecting the composition to shear and heat to form a melt, and conveying the melt through an adjustable orifice while varying the cross-section dimensions of the orifice to form an extrudate having thickness dimensions that varies along its length. This may be followed by cutting the extrudate to length. The extrudate may also be passed between cooperating cavities and formed to shape. The extrudate may also be guided into predetermined patterns by repositioning the die relative to a molding surface.

No. of Pages: 49 No. of Claims: 45

(21) Application No.3239/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : A NOVEL 6-NITRO-2-PHENYL TETRAHYDROQUINOLINE AND 6-CHLORO-2- PHENYL QUINOLINE DERIVATIVES FOR ANTI-CANCER THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (20) International Application No. 	:NA :NA :NA	(71)Name of Applicant: 1)A. JERAD SURESH Address of Applicant: COLLEGE OF PHARMACY, MADRAS MEDICAL COLLEGE, CHENNAI - 600 003 Tamil
(86) International Application No Filing Date	:NA :NA	Nadu India 2)S. KAVITHA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)A. JERAD SURESH
Filing Date	:NA	2)S. KAVITHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel series of 6-nitro-2-phenyl tetrahydroquinoline and 6-chloro-2-phenyl quinoline derivatives, were synthesized and evaluated for anti-cancer activity.

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

(22) Date of filing of Application :10/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD OF RECEPTION OF SECONDARY NOTIFICATION AFTER ETWS MESSAGE IS RECEIVED BY USER EQUIPMENT (UE) IN CONNECTED MODE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04W4/00 :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT LTD Address of Applicant :BAGMANE LAKEVIEW, BLOCK B,
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	NO. 66/1, BAGMANE TECH PARK, CV RAMAN NAGAR, BYRASANDRA, BANGALORE - 560 093 Karnataka India (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	1)SHIVAPRASAD MASANAPURA NANJAIAH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and system to receive the secondary notification messages when an ETWS primary notification message is received in connected mode of UE is disclosed. The method provides the way to receive the secondary notification information in UE. The secondary notification information comprises necessary associated information of the ETWS like government aid, help centers, health centers, and refugee camps and so on to help the user in many ways to combat the situation. The method discloses different ways of transition to IDLE mode to receive the secondary notification message according to configuration defined by the user within the UE.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SULFUR TOLERANT ALUMINA CATALYST SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J21/00 :61/249,824 :08/10/2009 :U.S.A. :PCT/US2010/051072 :01/10/2010 :WO 2011/043995 A1 :NA :NA :NA	(71)Name of Applicant: 1)W.R. GRACE & COCONN Address of Applicant: 7500 GRACE DRIVE, COLUMBIA, MARYLAND-21044 U.S.A. (72)Name of Inventor: 1)KORANNE, MANOJ 2)CHAPMAN, DAVID
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(57) Abstract:

The present invention is directed to a method of forming titania clad high surface area alumina suitable as a sup - port for forming noble metal catalysts. The resultant catalysts exhibit resistance to poisoning by sulftirous materials and, therefore, are useful in applications directed to internal combustion engine emission conversion and the like. The present invention provides a commercially feasible and cost effective method of forming a highly desired support for noble metal catalyst application. The process comprises forming a slurry of porous alumina particulate suitable as a catalyst support for the intended application, mixing said slurry with a solution of titanyl sulfate having a pH of about 1, increasing the pH of the mixed slurry/solution at a slow rate of from 0.05 to 0.5 pH unit per minute to a pH of \leq 4 by the addition of a basic solution, allowing the resultant slurry to age for a period of from 10 to 120 minutes, separating the treated porous alumina particulates and washing same free of sulfate with a weak base, drying and calcining said particulates to produce titania clad alumina particulate product. The resultant material exhibits a normalized sulftir uptake of less than about 45 µg/m2-sample. Such material can subsequently be coated with a noble metal to form the catalyst material.

No. of Pages: 30 No. of Claims: 12

(21) Application No.3962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LIGHT-EMITTING DEVICE AND LAMP

:23/08/2011

(51) International classification :H01L33/48,F21S2/00,F21V9/16 (71)Name of Applicant :

(31) Priority Document No :2010-290928 (32) Priority Date :27/12/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/004678

No Filing Date

(87) International Publication No: WO/2012/090350

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

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SHI, OSAKA 571-8501 Japan

(72)Name of Inventor:

1)MATSUDA, TSUGIHIRO 2)TAKEUCHI, NOBUYOSHI

3)NAGAI, HIDEO 4)UEMOTO, TAKAARI 5)MIKI, MASAHIRO 6)MOTOYA, ATSUSHI

A light-emitting (130) device including: a base (140) which is translucent; a semiconductor light-emitting element (150) provided on the base (140); a sealing member (160) for sealing the semiconductor light-emitting element (150) and including a first wavelength conversion material (161) for converting a wavelength of light emitted by the semiconductor light-emitting element (150) to a predetermined wavelength; and a groove (145) provided on a side of the semiconductor light-emitting element (150), recessed from a top surface of the base (140) on which the semiconductor light-emitting element (150) is provided or a back surface of the base (140) which is a surface opposite to the top surface, and for holding a second wavelength conversion material (162) for converting the

wavelength of the light emitted by the semiconductor light-emitting element (150) to the predetermined wavelength.

No. of Pages: 50 No. of Claims: 9

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BUILDING INTEGRATED PHOTOVOLTAIC HAVING INJECTION MOLDED COMPONENT

(71)Name of Applicant: (51) International classification :H01L31/04,C08L23/12 1)DOW GLOBAL TECHNOLOGIES LLC (31) Priority Document No :61/257,999 Address of Applicant :2040 DOW CENTER, MIDLAND, (32) Priority Date :04/11/2009 MICHIGAN 48674 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2010/055371 1) GASTON, RYAN, S. Filing Date :04/11/2010 2) KEENIHAN, JAMES, R. (87) International Publication No :WO 2011/056921 A1 3)REESE, JASON, A. (61) Patent of Addition to Application :NA 4)STEVENS, JAMES, C. Number :NA 5)MATTEUCCI, SCOTT, T. Filing Date 6) CHOPIN, LAMY, J. (62) Divisional to Application Number :NA 7)MARCHAND, GARY, R. Filing Date :NA 8) WALTON, KIM, L.

(57) Abstract:

The invention is a photovoltaic device comprising a photovoltaic cell assembly with an injection molded portion connected to at least one edge of the photovoltaic cell assembly where the body portion has properties and a composition enabling robust function over a period of years when the photovoltaic device is mounted on the exterior of a building.

No. of Pages: 29 No. of Claims: 11

(21) Application No.3964/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ENERGY STORE DEVICE

(51) International classification	:H01M10/50	(71)Name of Applicant:
(31) Priority Document No	:10 2009 052 254.9	1)BEHR GMBH & CO. KG
(32) Priority Date	:06/11/2009	Address of Applicant :MAUSERSTRASSE 3, 70469
(33) Name of priority country	:Germany	STUTTGART Germany
(86) International Application No	:PCT/EP2010/066990	(72)Name of Inventor:
Filing Date	:08/11/2010	1)MOSER, MICHAEL
(87) International Publication No	:WO 2011/054952	2)ISERMEYER, TOBIAS
(87) International I domeation No	A1	3)FEHRENBACHER, CHRISTOPH
(61) Patent of Addition to Application	:NA	4)HECKENBERGER, THOMAS
Number	:NA	5)HERRMANN, HANS-GEORG
Filing Date	,11/1	6)NEUMEISTER, DIRK
(62) Divisional to Application Number	:NA	7)RIEDEL, RUDOLF
Filing Date	:NA	8)ZAHN, CHRISTIAN

(57) Abstract:

The present invention relates to an energy store device, comprising a plurality of cooling channels (130), which are disposed in a plane spaced apart from each other substantially parallel to each other and designed for a cooling fluid to flow through them, at leaast one collection box (110, 120), which is disposed in the plane with and substantially perpendicular to the plurality of cooling channels (130) and is connected thereto to take up the colling fluid therefrom or release it therein, and with a stack composed of a plurality of electrochemical energy store units (310), which are disposed such that between two adjacent cooling channels (130) at least one energy store unit (310) from the plurality of electrochemical energy store units (310) is disposed, respectively.

No. of Pages: 35 No. of Claims: 13

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MTHOD AND DEVICE FOR AGGREGATING A PLURALITY OF SERVICE DATA FROM MACHINE TERMINAL EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W8/24 :NA :NA :NA :PCT/CN2009/074771 :03/11/2009 :WO 2011/054142 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3, AVENUE OCTAVE GREARD, F-75007 PARIS France (72)Name of Inventor: 1)CHEN, YU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention proposes a method and device for aggregating a plurality of service data from a terminal equipment. A first network device in a radio access network encapsulates a plurality of service data from a machine terminal equipment into a non-access stratum data packet, performs a transmission process on the non-access stratum data packet to generate a processed signal and transmits the processed signal; and the signal is forwarded by a base station to a second network device in a core network, and the second network device recovers the non-access stratum data packet from the signal, extracts the plurality of service data from the non-access stratum data packet and then transmits the plurality of service data respectively to a corresponding destination server. With the solution of the invention, a signaling overhead and thus radio resources in a radio access network can be saved, and preferably a period of time for a terminal equipment to wait for a feedback can also be shorten so that the terminal equipment can enter a dormancy status or transmit new service data as soon as possible, thereby saving power consumption of the terminal equipment.

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

(21) Application No.1039/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF ECTOPARASITIC INFESTATION

Filing Date :NA	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number : N	JA JA A JA T JA T JA JA JA JA JA JA JA JA JA	71)Name of Applicant: 1)P MURUGAN Address of Applicant: THANGACHIAMAPATTI, VIA AMBILIKAI, OTTANCHATARAM, DINDIGUL - 624 612 Famil Nadu India 72)Name of Inventor: 1)P MURUGAN
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(57) Abstract:

The present invention in an embodiment provides herbal compositions for treatment or prevention of ectoparasitic infestation. 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 Agave americana.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GRANULAR NETWORK ACCESS CONTROL AND METHODS THEREOF

(51) International classification	·H04W	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(33) Name of priority country	:NA	Bagmane Tech Park C V RamanNagar Byrasandra Bangalore
(86) International Application No	:NA	560093 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Satish Nanjunda Swamy Jamadagni
(61) Patent of Addition to Application Number	:NA	2)Rajavelsamy Rajadurai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system that enhances the existing access barring mechanism as specified in the current 3GPP specification is disclosed. The method disclosed provides enhancing the access barring mechanism to accommodate application level barring between the User equipment (UE) and the network. The method disclosed individually restricts or permits access of network to every requesting application on the UE, based on granular category of the application and priority levels of the application within the granular category. The method disclosed also specifies handling of back-off timers; reject cause values and Access Point Name (APN) configuration by Access Stratum (AS) and Non Access Stratum (NAS) layer to support application level barring of UEs using the enhanced access barring mechanism. The enhanced access barring mechanism enables providing service to applications independent of other barred applications or priorities. The method disclosed provides a mechanism for access control for connected mode UEs.

No. of Pages: 51 No. of Claims: 40

(21) Application No.3099/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VEHICLE DRIVING SYSTEM

(51) International classification (31) Priority Document No	:B60K6/48 :2009-231617	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD.
(32) Priority Date (33) Name of priority country	:05/10/2009 :Japan	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No Filing Date	1	(72)Name of Inventor: 1)IKEGAMI, TAKEFUMI
(87) International Publication No	:WO 2011/043347 A1	2)KURODA, SHIGETAKA 3)TAKEUCHI, MASAHIRO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a twin-clutch type transmission in which an electric motor is connected to one of transmission shafts, when downshifting is executed during EV running, a braking force is ensured by controlling in a cooperative fashion a regenerative brake and wheel brakes B1 to B4 so as to compensate for the loss of braking force during downshifting by the wheel brakes B1 to B4 or a braking force is ensured by making use of engine braking effects.

No. of Pages: 77 No. of Claims: 8

(21) Application No.3430/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS FOR SEPARATING FERROMAGNETS

:B03C1/30,B03C1/00,B03C1/02 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2009-243230 (32) Priority Date :22/10/2009

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2010/068768

Filing Date :18/10/2010

(87) International Publication No: WO 2011/049217 A1

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

:NA Number :NA Filing Date

1)JFE STEEK CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,

CHIYODA-KU, TOKYO 100-0011 Japan

(72)Name of Inventor: 1)ISHIDA, KYOHEI 2)NISHINA, YOSHIAKI

3)ENOEDA, SEIJI

(57) Abstract:

A ferromagnet separating apparatus for separating a ferromagnet from a heterogeneous particulate mixture containing the ferromagnet, comprising: a flow path that is configured such that a stream of gas or water in which the heterogeneous particulate mixture is dispersed is rotated so as to produce a centrifugal force which acts on the heterogeneous particulate mixture, and a magnetic field generator that is arranged at one or more sites along the flow path such that the ferromagnet is subjected to a magnetic force along the direction of the centrifugal force, thereby causing the ferromagnet to be attracted by the centrifugal force as well as the magnetic force.

No. of Pages: 48 No. of Claims: 5

(21) Application No.3991/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOVING IMAGE CODING DEVICE, MOVING IMAGE DECODING DEVICE, MOVING IMAGE CODING/DECODING SYSTEM, MOVING IMAGE CODING METHOD AND MOVING IMAGE DECODING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Distributed to Application Number 	:20/10/2010 :WO 2011/049119 A1 :NA :NA	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan (72)Name of Inventor: 1)YASUGI, YUKINOBU 2)KATATA, HIROYUKI
- 1 000000	:NA :NA :NA	

(57) Abstract:

A frequency transformation determination unit determines whether a plurality of adjacent transformation target regions with the partition boundary interposed therebetween are integrated or not. A transformation coefficient generation unit generates, by applying one frequency transformation, a transformation coefficient for the transformation target regions where the frequency transformation determination unit determined to integrate.

No. of Pages: 140 No. of Claims: 40

(21) Application No.3897/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVEMENTS RELATING TO NAVIGATION SYSTEMS

(51) International classification	:G01S19/48,G01C21/00,G01S5/02	(71)Name of Applicant:
(31) Priority Document No	:0917388.1	1)BAE SYSTEMS PLC
(32) Priority Date	:05/10/2009	Address of Applicant :6 CARLTON GARDENS, LONDON
(33) Name of priority country	:U.K.	SW1Y 5AD U.K.
(86) International Application	-DCT/CD2010/051657	(72)Name of Inventor:
No	:PCT/GB2010/051657	1)RAMSEY MICHAEL FARAGHER
Filing Date	:04/10/2010	
(87) International Publication	:WO 2011/042729 A1	
No	. WO 2011/042/29 A1	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	NIA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

A positioning device for use with a navigation device, the positioning device comprising input means arranged to receive data signals from a source other than a navigation system; conversion means arranged to convert the received data signals into positional data; and output means arranged to output the positional data for use by the navigation device. The output means outputs the positional data in a communications protocol format, the navigation device is arranged to process the positional data in the communications protocol format.

No. of Pages: 29 No. of Claims: 35

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/24,A61M5/315	(71)Name of Applicant:
(31) Priority Document No	:61/254,792	1)SHL GROUP AB
(32) Priority Date	:26/10/2009	Address of Applicant :IP DEPARTMENT, P.O. BOX 1240,
(33) Name of priority country	:U.S.A.	AUGUSTENDALSVAGEN 19, SE-13128 NACKA STRAND
(86) International Application No	:PCT/SE2010/051114	Sweden
Filing Date	:15/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053225 A1	1)KARLSSON, MARTIN
(61) Patent of Addition to Application	:NA	2)RONQUIST, NILS
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a medicament delivery device comprising a distal housing part (12);a proximal housing part (10)into which a multi-chamber medicament container(14)is arranged and wherein said proximal housing part is arranged to be movable in relation to said distal housing part for mixing at least two substances arranged inside said container, a plunger rod (32) arranged to act on a distal stopper (34) in said medicament container, wherein a relative movement of said housing parts (10, 12) towards each other forces said distal stopper against the plunger rod in a proximal direction for mixing at least two substances arranged inside said container;a drive force unit (58, 74, 76, 78) capable of forcing said plunger rod (32) in the proximal direction for subsequent delivery of medicament from said medicament container;an activation member (80)slidably arranged through said distal housing part and releasibly connected to the drive force unit; wherein said device further comprises a guide shell (24) one-way rotatable arranged in said distal housing part, wherein said guide shell is provided with threads (22) arranged to cooperate with corresponding threads (20) on said proximal housing, and wherein said guide shell and said plunger rod are arranged with guide members such that they are rotationally locked but slidable in relation to each other.

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

(21) Application No.3979/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RADIO BASE STATION

(51) International classification :H04W72/12,H04W28/18,H04W52/24

(31) Priority Document No :2009-240356

(31) Priority Document No :2009-240356 (32) Priority Date :19/10/2009 (33) Name of priority

country :Japan

(86) International :PCT/JP2010/068308

Application No :19/10/2010

Filing Date (87) International

Publication No :WO 2011/049056 A1

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant: 11-1, NAGATACHO 2-CHOME,

CHIYODA-KU, TOKYO, 100-6150 Japan

(72)Name of Inventor:
1)KIYOSHIMA, KOHEI
2)OKUBO, NAOTO
3)ISHII, HIROYUKI

(57) Abstract:

Even when it is not possible to appropriately receive SRS, a control process is appropriately performed. A radio base station eNB according to the present invention includes a control unit 13 configured to perform a predetermined control process based on SRS periodically transmitted by a mobile station UE, an SRS reliability determination unit 11 configured to compare the reception quality of an SRS at the reception timing of the SRS with a predetermined threshold value, and an SRS transmission state determination unit 12 configured to determine whether the SRS is being transmitted by the mobile station UE based on a result of the comparison, wherein, when it is determined that the SRS is not being transmitted by the mobile station UE, the control unit 13 is configured not to perform a predetermined control process based on the SRS at the reception timing of the SRS as described above.

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

(21) Application No.3980/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SHAFT COUPLING MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:27/10/2010 :WO 2011/058710 A1 :NA	(71)Name of Applicant: 1)OILES CORPORATION Address of Applicant: 6-34, KOUNAN 1-CHOME, MINATO-KU, TOKYO 108-0075 Japan (72)Name of Inventor: 1)NAKAGAWA, NOBORU 2)YOSHIMOTO, DAISUKE
Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A shaft coupling mechanism 1 for an electric power steering apparatus includes a coupling base body 3 coupled to a rotating shaft 2 on an electric motor side of an electric power steering apparatus; a coupling base body 5 coupled to a steering shaft 4 serving as a rotating shaft; and an intermediate interposed member 8 interposed between both coupling base bodies 3 and 5 and adapted to transmit the rotation of the rotating shaft 2 in an R direction to the steering shaft 4 in cooperation with both coupling base bodies 3 and 5.

No. of Pages: 24 No. of Claims: 2

(21) Application No.3803/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : TONER, IMAGE FORMING APPARATUS, IMAGE FORMING METHOD AND PROCESS CARTRIDGE

(51) International classification :G03G9/08,G03G9/087
(31) Priority Document No :2009-246034
(32) Priority Date :27/10/2009
(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/069544

Filing Date :27/10/2010

(87) International Publication No :WO 2011/052794 A1

(61) Patent of Addition to Application
Number
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)FUKAO, TOMOHIRO
2)KADOTA, TAKUYA
3)MIKURIYA, YOSHIHIRO
4)NOZAKI, TSUYOSHI
5)ISHIKAWA, YOSHIMICHI

6)YAMAMOTO, ATSUSHI 7)MIKI, TOMOHARU 8)FUWA, KAZUOKI

(57) Abstract:

A toner including a binder resin, a colorant and protruding portions on a surface of the toner, wherein the average length of long sides of the protruding portions is 0.1 urn or greater, but less than 0.5 urn, wherein the standard deviation of the lengths of the long sides of the protruding portions is 0.2 or less, and wherein the protruding portions have a coverage of 30% to 90%.

No. of Pages: 147 No. of Claims: 15

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : INSPECTION CHAMBER PART AND METHOD FOR PREPARING SUCH PART FOR INSTALLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/11/2010 :WO 2011/063957 A1 :NA :NA :NA	(71)Name of Applicant: 1)WAVIN B.V. Address of Applicant: STATIONSPLEIN 3, NL-8011 CW ZWOLLE Netherlands (72)Name of Inventor: 1)VAN DIJK, BEREND, JAN 2)JAGER, HARM, JANTINUS, MARCEL 3)BRUMMER, GUNTER, BERNHARD
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an inspection chamber part (3, 4, 5) comprising a spigot- socket structure (10). This spigot- socket structure comprises a spigot shaped first section (11) and a socket shaped second section (12). The sections are integrally connected to each other, at least initially and at least one of the sections is integrally connected to the inspection chamber part. The first and second section have a compatible shape, such that if the integral connection between the first and second section were to be severed, the first section could closely fit into the second section so as to establish a spigot- socket connection. The inspection chamber part may be integral part of a monolithic inspection chamber or be a separate part, such as a base, a shaft or a cone from which a modular inspection chamber can be assembled. The invention furthermore relates to a method for preparing such an inspection chamber part for installation.

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

(21) Application No.3981/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD OF EFFICIENT RANGING PROCEDURE CONSIDERING RANGING PURPOSE IN BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04W48/16,H04B7/26 (71)Name of Applicant : (31) Priority Document No :61/253.822 (32) Priority Date :21/10/2009 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/KR2010/007247 Filing Date :21/10/2010

(87) International Publication No :WO 2011/049389 A3

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

1)LG ELECTRONICS INC.

Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea

(72)Name of Inventor: 1)CHO, HEE JEONG 2)RYU, KI SEON

3)YUK, YOUNG SOO

(57) Abstract:

A broadband wireless access system and, more particularly, a method for a mobile station and a base station to perform an efficient ranging procedure considering a ranging purpose and a device for performing the same are disclosed herein. A method of a mobile station for performing ranging in a broadband wireless access system, the method includes the steps of transmitting a first ranging preamble code for requesting ranging to a base station through a first ranging opportunity of a first frame, and, when a first message is received from the base station before a timer indicating a limited time point is expired, wherein the first message including a response to the first ranging preamble code is transmitted during the limited time point, determining whether or not the ranging request is successfully made by using the first message.

No. of Pages: 50 No. of Claims: 15

(21) Application No.3982/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Pt

(43) Publication Date: 14/02/2014

(54) Title of the invention: DATE SYSTEM FOR A TIMEPIECE

(51) International classification :G04B19/24,G04B19/253,G04B27/00

(31) Priority Document No :09172787.5 (32) Priority Date :12/10/2009

(33) Name of priority :EPO

country

(86) International

Application No :PCT/EP2010/064489 :29/09/2010

Filing Date

(87) International Publication No

:WO 2011/045181 A1

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)MONTRES BREGUET S.A.

Address of Applicant :1344 L'ABBAYE Switzerland

(72)Name of Inventor:

1)COURVOISIER, RAPHAEL

(57) Abstract:

The invention relates to a timepiece (1) including a timepiece movement (5) comprising a time measuring system (11) for displaying the time, and a date system (13) connected to said time measuring system for displaying the date. According to the invention, the date system (13) includes a display of the continuously moving type and a correction device (12) which can correct said date display at any time, by a predetermined step (A, B), while maintaining the relationship of said continuous movement relative to that of said time during the correction operation. The invention concerns the field of date displays.

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

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A HYBRID CIRCUIT BREAKER

(51) International classification	:H01H9/54	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABB RESEARCH LTD.
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:PCT/EP2009/063317	(72)Name of Inventor:
Filing Date	:13/10/2009	1)DEMETRIADES, GEORGIOS
(87) International Publication No	:WO 2011/044928	2)SHUKLA, ANSHUMAN
(87) international 1 dollection 140	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3983/CHENP/2012 A

(57) Abstract:

A hybrid circuit breaker, comprising a first circuit (8) that comprises: a main current path (1) which comprises a mechanical switch element (2), at least one commutation path (3) arranged in parallel with the main current path (1) and comprising a controllable semi-conductor switch element (4). The breaker also comprises a first capacitor (7) provided in said commutation path (3) in series with said controllable semi-conductor switch element (4), and a second circuit (9), arranged in series with the first circuit (8) and comprising a second capacitor (10) and an inductance-generating element (11) arranged in series with each other.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ASPHERIC FLUID FILLED LENS OPTIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B1/06 :12/579,203 :14/10/2009 :U.S.A. :PCT/US2010/052367 :12/10/2010 :WO 2011/046959 A1 :NA :NA :NA	(71)Name of Applicant: 1)ADLENS BEACON, INC. Address of Applicant:33 WOOD AVENUE SOUTH, SUITE 600, ISELIN, NJ 08830 U.S.A. (72)Name of Inventor: 1)GUPTA, AMITAVA 2)SCHNELL, URBAN 3)HAROUD, KARIM 4)JAEGER, HANS
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(57) Abstract:

A non-round fluid lens assembly includes a non-round rigid lens and a flexible membrane attached to the non-round rigid lens, such that a cavity is formed between the non-round rigid lens and the flexible membrane. A reservoir in fluid communication with the cavity allows a fluid to be transferred into and out of the cavity so as to change the optical power of the fluid lens assembly. In an embodiment, a front surface of the non-round rigid lens is aspheric. Additionally or alternatively, a thickness of the flexible membrane may be contoured so that it changes shape in a spheric manner when fluid is transferred between the cavity and the reservoir.

No. of Pages: 34 No. of Claims: 22

(22) Date of filing of Application :04/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION METHOD AND RADIO BASE STATION

(51) International :H04W36/38,H04W84/10,H04W92/20 classification

(31) Priority Document No :2009-237780

(32) Priority Date :14/10/2009 (33) Name of priority

:Japan country

(86) International

:PCT/JP2010/068009 Application No :14/10/2010

Filing Date

(87) International :WO 2011/046159 A1 Publication No

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

:NA

(71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant: 11-1. NAGATACHO 2-CHOME.

CHIYODA-KU, TOKYO, 100-6150 Japan

(72)Name of Inventor:

1)TAKAHASHI, HIDEAKI

2)HAPSARI, WURI ANDARMAWANTI

3)OKAMOTO, TAKESHI 4)IWAMURA, MIKIO 5) ISHII, MINAMI

(57) Abstract:

Filing Date

A radio base station managing a handover source cell decides a method for achieving a handover in consideration of CSG-ID and Access Mode of a handover destination cell. A mobile communication method comprises: a step of notifying, by a radio base stationHeNB#l, a radio base stationHeNB#2 of CSG-ID and Access Mode of cell subordinate to a radio base stationHeNB#l, when establishing an X2 connection with the radio base stationsHeNB#2; the radio base stationHeNB#2 managing the CSG-ID and the Access Mode of the cell subordinate to the radio base stationHeNB#l; a step of deciding the method for performing the handover of the mobile station UE from the cell subordinate to the radio base stationHeNB#2 to the cell subordinate to the radio base stationHeNB#l on the basis of the managed CSG-ID and Access Mode of the cell subordinate to the radio base stationHeNB#l.

No. of Pages: 35 No. of Claims: 7

(22) Date of filing of Application :04/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: MEDICAL DEVICE, APPARATUS, AND SURGICAL METHOD

(51) International :A61B17/70,A61B17/68,A61B17/86 classification

(31) Priority Document No :61/259.383 (32) Priority Date :09/11/2009 (33) Name of priority country: U.S.A.

(86) International :PCT/CH2010/000280

Application No :09/11/2010

Filing Date (87) International Publication :WO 2011/054124 A1

No

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

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

(71)Name of Applicant: 1)SPINEWELDING AG

Address of Applicant : WAGISTRASSE 6, CH-8952

SCHLIEREN Switzerland (72)Name of Inventor: 1)WENGER, ANDREAS 2)MAYER, JORG

(57) Abstract:

In accordance with an aspect of the invention, a pedicle anchor device (41) is provided. The pedicle anchor device is equipped for being used like a pedicle screw, i.e. for being implanted in the vertebra from dorsal direction (but generally at an angle to the sagittal plane, slightly inward towards the sagittal plane) through the pedicle so that a distal portion of the device protrudes into the vertebral body. The pedicle anchor device comprises a pedicle anchor device body with a head portion, a shaft portion and a longitudinal bore that extends from a proximal end of the pedicle anchor device body and has a hole or a plurality of holes from the longitudinal bore outward, for example radially outward. Further, the pedicle anchor device comprises a liquefiable element that is insertable or inserted in the longitudinal bore and at least partly liquefiable by the impact of energy impinging from the proximal side so that liquefied material (22) flows through me holes in die wall and out of the longitudinal bore into structures of the hard tissue and/or hard tissue replacement material. Thereby, after solidification of the liquefiable (preferably thermoplastic) material, the an anchoring of the positive-fit connection kind is achieved in the hard tissue/hard tissue replacement material.

No. of Pages: 57 No. of Claims: 23

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HINGE MECHANISM FOR A FLUID FILLED LENS ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B3/14 :61/251,819 :15/10/2009 :U.S.A. :PCT/US2010/052910 :15/10/2010 :WO 2011/047311 A1 :NA :NA :NA	3)DUWNING, JUNATHAN 4)CHDTA AMITAVA
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(57) Abstract:

In an embodiment, a hinge for a fluid-filled lens assembly includes a base having a first end configured to connect to a temple arm of the lens assembly and a second end configured to connect to a frame of the lens assembly, wherein the base includes a gap that is shaped to allow for tubing to pass from the first end to the second end of the base. In an embodiment, the first end of the base includes a cammed surface configured to engage a surface of the temple arm. In an embodiment, the first and second ends of the base are configured to flex around a rotation axis of the hinge.

No. of Pages: 39 No. of Claims: 12

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR PRESENTING INFORMATION FOR ENTITIES DISPLAYED ON A VIDEO CONTENT

		(71)Name of Applicant:
(51) International classification	:G06Q	1)SAMSUNG ELECTRONICS COMPANY
(31) Priority Document No	:NA	Address of Applicant :416 MAETAN-DONG,
(32) Priority Date	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-724
(33) Name of priority country	:NA	Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUBRAMANIAN MUTHUKUMAR
(87) International Publication No	: NA	2)NEERAJ SOLANKI
(61) Patent of Addition to Application Number	:NA	3)RAVI KANT BANSAL
Filing Date	:NA	4)GINJAN AGRAWAL
(62) Divisional to Application Number	:NA	5)PANKAJ THAKUR
Filing Date	:NA	6)DEVENDRA KHANDELWAL
		7)AJIT JAIN

(57) Abstract:

A method and system for presenting information for entities displayed on a video content is provided. The system includes a detection module for identifying entities, a tag manager for providing a tag for each of the entities, an aggregator module for aggregating information associated with an entity selected by a user, and presentation module for presenting the information. The method includes receiving an input from a user, obtaining information associated with an entity selected by the user, aggregating the information associated with the entity, providing multiple presentation modes to the user and presenting, the information associated with the entity, based on one of the multiple presentation modes.

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

(21) Application No.3927/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF AN AQUEOUS STREAM COMING FROM THE FISCHER TROPSCH REACTION

(51) International classification	:C02F1/04	(71)Name of Applicant :
(31) Priority Document No	:MI2009A001718	1)ENI S.P.A.
(32) Priority Date	:08/10/2009	Address of Applicant :PIAZZALE E MATTEI 1, I-00144
(33) Name of priority country	:Italy	ROMA Italy
(86) International Application No	:PCT/IB2010/002563	(72)Name of Inventor:
Filing Date	:06/10/2010	1)LOCATELLI, LINO
(87) International Publication No	:WO 2011/042806	2)CARNELLI, LINO
(o) international Laboration 100	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(F=) 11 · · ·		

(57) Abstract:

Process for the purification of an aqueous stream coming from the Fischer-Tropsch reaction, which comprises feeding a part of said aqueous stream to a saturator, feeding a part of said aqueous stream to a distillation and/or stripping column, feeding the aqueous stream leaving the head of said distillation and/or stripping column to said saturator. Said process allows at least a part of the aqueous stream coming from the Fischer-Tropsch reaction to be used as process water in the synthesis gas production plant, subsequently sent to the Fischer Tropsch plant for the production of hydrocarbons.

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SALT-BASED CORES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

(51) International classification	:B22C1/18,B22C21/14,B22C9/10	(71)Name of Applicant:
(31) Priority Document No	:10 2009 046 488.3	1)EMIL MULLER GMBH
(32) Priority Date	:06/11/2009	Address of Applicant :DURRNBUCHER STRASSE 10,
(33) Name of priority country	:Germany	91452 WILHERMSDORF Germany
(86) International Application No Filing Date	:PCT/EP2010/066884 :05/11/2010	(72)Name of Inventor: 1)HARTIG, THORSTEN 2)SCHILLER, GUDRUN
(87) International Publication No	:WO 2011/054920 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Cores that are inserted into the die when die-casting workpieces from metal, in order to maintain the cavities that are intended in the workpieces when the moulds are filled with the molten metal, have to meet high requirements with regard to their dimensional stability and the ease with which they can be removed from the cavities. According to the invention, salt-based cores are therefore provided which can be produced by moulding and compacting a core material mixture, the core materials thereof being selected from at least one salt at least one binder and optionally from auxiliaries such as additives, fillers, wetting agents and catalysts, wherein the salt, the binder and the optionally used auxiliaries of the core material mixture are inorganic and said core materials are soluble with, water as a solvent.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : COORDINATING MACRO-CELL AND PRIVATE CELL OPERATION IN OVERLAY WIRELESS NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:02/11/2010 :WO 2011/056770 A4 :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, AVENUE OCTAVE GREARD, F- 75007 PARIS France (72)Name of Inventor: 1)VASUDEVAN, SUBRAMANIAN 2)ZOU, JIALIN
\ <i>)</i>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application describes methods involving one or more mobile units, one or more macrocells providing wireless connectivity to one or more first coverage areas, and one or more femtocell providing wireless connectivity to one or more second coverage areas overlapping with the first coverage area(s). One embodiment of the method includes determining, at the femtocell(s), whether to transmit one or more beacon signal from the femtocell(s) on one or more carriers associated with the macrocell(s) based on whether mobile unit(s) are located within the first coverage area(s).

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

(22) Date of filing of Application :08/07/2009 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITION CONTAINING A QUINOA GRAIN EXTRACT FOR DERMATOLOGICAL USE

(51) International classification	:A61K36/36	(71)Name of Applicant :
(31) Priority Document No	:0656001	1)LABORATOIRES EXPANSCIENCE
(32) Priority Date	:28/12/2006	Address of Applicant :10, AVENUE DE 1'ARCHE, F-92400
(33) Name of priority country	:France	COURBEVOIE France
(86) International Application No	:PCT/EP2007/064623	(72)Name of Inventor:
Filing Date	:28/12/2007	1)MSIKA, PHILIPPE
(87) International Publication No	:WO/2008/080974	
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a composition containing a quinoa grain extract, said extract being a peptidic and osidic extract or a lipidic extract of quinoa grain, said lipid quinoa extract being itself chosen from a group comprising an oil concentrated into its non saponificable fraction, a non saponificable, or a refined oil. The invention also relates to methods for preparing these different extracts and to dermatological or neutraceutic applications of these extracts.

No. of Pages: 68 No. of Claims: 21

(21) Application No.1047/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: CANE PREPARATION UNIT AND METHOD OF OPERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland (72)Name of Inventor: 1)ARUN KUMAR M
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)BABJI BUDDHI SRINIVASA 3)ABHIJIT BADWE

(57) Abstract:

A method for operating a cane preparation unit is described. The method includes providing a working range for at least one operating variable for a plurality of carriers of a cane preparation unit, estimating energy consumed corresponding to a first plurality of set points for the at least one operating variable, selecting one or more first set points corresponding to minimum energy consumed for the at least one operating variable as use set points, and operating the cane preparation unit at the use set points. The cane preparation unit includes an energy minimizing unit to implement the method described herein.

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

(21) Application No.3005/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: USE OF COMPOUNDS WITH SGLT-1/SGLT-2 INHIBITOR ACTIVITY FOR PRODUCING MEDICAMENTS FOR TREATMENT OF BONE DISEASES

(51) International :A61K31/7034,A61K31/7048,A61K31/7056

classification

(31) Priority :09290759.1

Document No (32) Priority Date :02/10/2009

(33) Name of priority :EPO country

(86) International

:PCT/EP2010/064620 Application No :01/10/2010

Filing Date

(87) International :WO 2011/039338 A3

Publication No (61) Patent of

Addition to :NA Application Number :NA

Filing Date

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

(71)Name of Applicant:

1)SANOFI

Address of Applicant: 54, RUE LA BOETIE, 75008, PARIS

France

(72)Name of Inventor:

1)KISSNER, THOMAS 2) HEINRICHS, MARTIN 3)KRUPP, ECKART

(57) Abstract:

Use of compounds with SGLT-l/SGLT-2 inhibitor activity for producing medicaments for treatment of bone diseases. The invention relates to use of compounds with SGLT-1/SGLT-2 inhibitor activity for producing medicaments for treatment of bone diseases like osteoporosis. Preferred is the use of compounds of the formula i in which the radicals have the stated meanings.

No. of Pages: 194 No. of Claims: 10

(22) Date of filing of Application :04/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MODIFIED VOLTAGE SOURCE CONVERTER STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:06/10/2009 :WO 2011/042050 A1 :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland (72)Name of Inventor: 1)NORRGA, STAFFAN
\ <i>)</i>		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a voltage source converter (26) comprising a group of phase legs, at least three connection terminals (AC 1, AC2, AC3, DC+, DC-) for connecting the phase legs to power transmission elements, a first group of cells (Clpl, C2pl, Clnl, C2nl, Clp2, C2p2, Cln2, C2n2, Clp3, C2p3, Cln3, C2n3) in each phase leg and a second group of cells (C3p 1, C3nl, C3p2, C3n2 C3p3, C3n3). The cells (Clpl, C2pl, Clnl, C2nl, Clp2, C2p2, Cln2, C2p2, Cln2, C2p3, Cln3, C2n3) in the first group are only capable of providing unipolarvoltage contributions to the converter and connected for only being capable of such unipolar voltage contributions, while the cells (C3pl, C3nl,C3p2, C3n2 C3p3, C3n3) in the second group are connected to the corresponding cells of the first group and arranged to have bipolar voltage contribution capability.

No. of Pages: 36 No. of Claims: 11

(21) Application No.3512/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention : AZABICYCLIC COMPOUNDS AS ALPHA-7 NICOTINIC ACETYLCHOLINE RECEPTOR LIGANDS

(51) International (71)Name of Applicant: :C07D498/20,A61K31/55,A61P25/18 classification 1)BRISTOL-MYERS SOUIBB COMPANY (31) Priority Document No :61/255,794 Address of Applicant : ROUTE 206 AND PROVINCE LINE :28/10/2009 (32) Priority Date ROAD, PRINCETON, NEW JERSEY 08543-4000 U.S.A. (33) Name of priority (72)Name of Inventor: :U.S.A. country 1)MCDONALD, IYAR, M. (86) International 2) MATE, ROBERT A. :PCT/US2010/054097 Application No 3)COOK II, JAMES H. :26/10/2010 Filing Date 4)KING, DALTON (87) International 5)OLSON, RICHARD, E. :WO 2011/056573 A1 Publication No 6)WANG, NENGHUI (61) Patent of Addition to 7)IWUAGWU, CHRISTIANA, I. :NA **Application Number** 8) ZUSI, F. CHRISTOPHER :NA Filing Date 9)MACOR, JOHN, E. (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The disclosure provides compounds of formula I, including their salts, as well as compositions and methods of using the compounds. The compounds are ligands for the nicotinic a7 receptor and may be useful for the treatment of various disorders of the central nervous system, especially affective and neurodegenerative disorders.

No. of Pages: 42 No. of Claims: 10

(21) Application No.4003/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLID-STATE IMAGE PICKUP DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01L27/146 :2009-235087 :09/10/2009 :Japan :PCT/JP2010/005978 :06/10/2010	(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)ONUKI, YUSUKE
(87) International Publication No	:WO 2011/043068 A1	2)YAMASHITA, YUICHIRO 3)KOBAYASHI, MASAHIRO
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A photoelectric conversion portion, a charge holding portion, a transfer portion, and a sense node are formed in a P-type well. The charge holding portion is configured to include an N-type semiconductor region, which is a first semiconductor region holding charges in a portion different from the photoelectric conversion portion. A P-type semiconductor region having a higher concentration than the P-type well is disposed under the N-type semiconductor region.

No. of Pages: 49 No. of Claims: 24

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MEDICAL ARTICLES AND METHODS OF MAKING USING IMMISCIBLE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:09/11/2010 :WO 2011/057240 A1 :NA :NA :NA	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A. (72)Name of Inventor: 1)HOLM, DAVID R. 2)ZHU, DONG-WEI
Filing Date	:NA	

(57) Abstract:

Provided are medical articles (e.g., wound dressings) that include a pressure sensitive adhesive layer and methods of making the medical articles using immiscible materials that increase moisture vapor transmission rates.

No. of Pages: 81 No. of Claims: 15

(21) Application No.3365/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SCREENING METHOD UTILISING THALIDOMIDE-TARGETING FACTOR

(51) International classification :A01K67/027,C07K14/435,C12N15/09

(31) Priority Document No:2009-241290 (32) Priority Date :20/10/2009

(33) Name of priority :Japan

country (86) International

Application No :PCT/JP2010/068272

Filing Date :18/10/2010

(87) International Publication No :WO 2011/049043 A1

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

SNA
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(71)Name of Applicant:

1)TOKYO INSTITUTE OF TECHNOLOGY

Address of Applicant :2-12-1, OOKAYAMA, MEGURO-KU,

TOKYO 152-8550 Japan

2)FUJIMOTO PHARMACEUTICAL CORPORATION

(72)Name of Inventor: 1)HANDA, HIROSHI 2)ANDO, HIDEKI 3)ITOH, TAKUMI 4)HOTTA, KENTARO

(57) Abstract:

With an aim to provide means for developing a compound devoid of teratogenicity but retaining beneficial actions, a screening method for a non-teratogenic substance comprising bringing a test substance into contact with cereblon or a fragment of cereblon, evaluating the bindability of the test substance with cereblon or the fragment of cereblon, and selecting a test substance that does not bind to cereblon or the fragment of cereblon or a test substance exhibiting lower bindability with cereblon or the fragment of cereblon than does thalidomide is provided.

No. of Pages: 86 No. of Claims: 11

(21) Application No.3694/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SURFACE-MODIFIED SILICIC ACID SEMI-GELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:10 2009 045 109.9 :29/09/2009 :Germany	(71)Name of Applicant: 1)EVONIK DEGUSSA GMBH Address of Applicant: RELLINGHAUSER STRASSE 1-11, 45128 ESSEN Germany (72)Name of Inventor: 1)LINDNER, GOTTLIEB 2)CHRISTIAN, HANS-DIETER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to novel surface modified semi-gels, to a method for producing same, and to the use thereof.

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

(21) Application No.3695/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL MATTING AGENT FOR UV VARNISHES

:NA

:NA

(51) International classification	:C01B33/20,C08F2/48,C08K9/08	(71)Name of Applicant :
(31) Priority Document No	:10 2009 045 104.8	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:29/09/2009	Address of Applicant :RELLINGHAUSER STRASSE 1-11,
(33) Name of priority country	:Germany	45128 ESSEN Germany
(86) International Application	.DCT/ED2010/062171	(72)Name of Inventor:
No	:PCT/EP2010/062171 :20/08/2010	1)BENNER, KLAUS
Filing Date	.20/08/2010	2)CHRISTIAN, HANS-DIETER
(87) International Publication	:WO 2011/038991 A1	3)LINDNER, GOTTLIEB
No	.WO 2011/038991 A1	4)MEIER, KARL
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	·NIA	

(57) Abstract:

Filing Date

Number

The invention relates to matted UV varnishes comprising silicon dioxide, the surface thereof having been modified by means of treatment with a multiple bond organopolysiloxne so as to be particularly well-suited for use as as matting material for UV varnishes, and to a method for producing same.

No. of Pages: 50 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RUBBER MIXTURE FOR ELASTIC COUPLING

(31 (32 (33 (86 (87 (61) International classification) Priority Document No) Priority Date) Name of priority country) International Application No Filing Date) International Publication No) Patent of Addition to Application mber Filing Date	:F16D3/74 :10 2009 051 778.2 :03/11/2009 :Germany :PCT/EP2010/006695 :03/11/2010 :WO 2011/054499 A1 :NA :NA	(71)Name of Applicant: 1)HACKFORTH GMBH Address of Applicant: HEERSTRASSE 66, 44653 HERNE Germany (72)Name of Inventor: 1)BAUERMEISTER, RALF
,	, 11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3930/CHENP/2012 A

(57) Abstract:

The invention relates to an elastic coupling comprised of connecting flanges located on the drive input and drive output side as well as comprised of at least one rubber body arranged between them. The invention proposes that the at least one rubber body contains silicic acid/silica as filler agent as well as dyeing pigments.

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

(21) Application No.3931/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PREPARING AND DISPERSING SURFACE-MODIFIED COLOUR PIGMENTS

(51) International classification	:C09B67/00,C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:09174929.1	1)AGFA-GEVAERT
(32) Priority Date	:03/11/2009	Address of Applicant :SEPTESTRAAT 27, B-2640
(33) Name of priority country	:EPO	MORTSEL Belgium
(86) International Application No	:PCT/EP2010/065529	(72)Name of Inventor:
Filing Date	:15/10/2010	1)DEROOVER, GEERT
(87) International Publication No	:WO 2011/054654 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of preparing a pigment comprising the steps of: a) providing a mixture including: a pigment selected from the group of pigments comprising at least 50 wt% of C.I. Pigment Violet 23, C.I. Pigment Red 146, C.I. Pigment Red 176, C.l. Pigment Red 177, C.l. Pigment Violet 19 and C.I. Pigment Orange 13 based on the total weight of the pigment; alky I nitrite; and at least one acid selected from the group consisting of sulfuric acid and chlorosulfuric acid, with the acid present in the mixture in amount of more than 2 wt% based on the total weight of the pigment; b) heating the mixture for more than 2 hours to a temperature of at least 70C; and c) filtering the mixture and washing the filtrand with a washing liquid containing water until the filtrate has a pH between 4 and 7. Pigments obtainable by the method and non aqueous pigment dispersions are also disclosed.

No. of Pages: 36 No. of Claims: 13

(21) Application No.3932/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NON-AQUEOUS PIGMENT DISPERSIONS USING DISPERSION SYNERGISTS

(51) International classification	:C09B67/00,C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:EP09174945.7	1)AGFA-GEVAERT
(32) Priority Date	:03/11/2009	Address of Applicant :SEPTESTRAAT 27, B-2640
(33) Name of priority country	:EPO	MORTSEL Belgium
(86) International Application No	:PCT/EP2010/065758	(72)Name of Inventor:
Filing Date	:20/10/2010	1)DEROOVER, GEERT
(87) International Publication No	:WO 2011/054666 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Non-aqueous pigment dispersions exhibiting improved dispersion quality and/or stability were prepared for a specific selection of naphthol AS pigments and azo pigments by using specific quinacridone dispersion synergists. The non-aqueous pigment dispersions can be advantageously used in inkjet inks Inkjet printing methods.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MECHANISIM FOR ADDING CONTENT FROM A SEARCH TO A DOCUMENT OR MESSAGE

(51) International classification :G06F17/21,G06F15/16,G06F17/30

(31) Priority Document No :61/255,807 (32) Priority Date :28/10/2009 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2010/053979

No :25/10/2010

Filing Date .23/10/2010

(87) International Publication :WO/2011/056516

No (61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)YAHOO! INC.

Address of Applicant :#701 FIRST AVENUE, SUNNYVALE, CALIFORNIA 94089 U.S.A.

(72)Name of Inventor: 1)BIJAN M. MARASHI

2)JONATHAN STEVEN BRUCK 3)JOMATHAN KATZMAN

A method, comprising; providing a graphical user interface, the graphical user interface including an input portion and a template for generating a document or message; receiving a query including one or more search terms via the input portion of the graphical user interface; obtaining search results associated with the query; providing the search results associated with the query; receiving a user selection, the user selection selecting at least a portion of the search results; and adding a hypertext link or content from the search results to a document or message generated via the template, wherein the hypertext link or content from the search results is added to the document or message in response to the user selection.

No. of Pages: 40 No. of Claims: 26

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING THE OPERATION OF AN AUXILIARY POWER SYSTEM OF A THERMAL POWER PLANT

(57) Abstract:

Apparatus and method for controlling power in an auxiliary power system of a thermal power plant having a generator and one or more auxiliary buses. The apparatus includes adjustable speed drives and capacitance sources for connection to the one or more auxiliary buses and sensors for measuring voltage and reactive power on the one or more auxiliary buses. A controller is operable to control the adjustable speed drives and the capacitance sources to control the power factor of the auxiliary power system, while providing steady state voltage regulation and dynamic voltage support.

No. of Pages: 31 No. of Claims: 20

(21) Application No.4033/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PRODUCING METHOD OF HOT MELT FILM RECYCLING AIRBAG SCRAPS FOR SHOES, AND HOT MELT FILM PRODUCED THEREBY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:B29B17/00,B29C47/06,B29D7/01 :10-2009-0101582 :26/10/2009 :Republic of Korea	(71)Name of Applicant: 1)PARK, HEE-DAE Address of Applicant: YOUNSAN LG APT 122-802, 243-18, YONSAN-DONG, YONJE-GU, BUSAN Republic of Korea
(86) International Application No Filing Date	:PCT/KR2009/006522 :06/11/2009	(72)Name of Inventor : 1)PARK, HEE-DAE
(87) International Publication No	:WO 2011/052836 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a method wherein TPU film scraps, which are generated in large volume in the shoe industry during the production of airbags used as materials for impact cushioning, are collected and are used by being reprocessed to create a hot-melt film by being mixed with other components so as to have the target properties possessed by hot-melt films; particularly with the aim of realising a method for producing a hot-melt film having a multi-layer structure by means of a co-extrusion method.

No. of Pages: 26 No. of Claims: 16

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : FLUID FILLED LENS RESERVOIR SYSTEM AND MANUFACTURING METHOD OF THE RESERVOIR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B3/14 :61/251,819 :15/10/2009 :U.S.A. :PCT/US2010/052905 :15/10/2010 :WO 2011/047308 A1 :NA :NA :NA	2)EGAN, WILLIAM 3)NIRAUFR LISA
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(57) Abstract:

Disclosed are apparatuses and manufacturing methods for a fluid filled lens reservoir system. The eyeglass reservoir system includes a temple piece having a cavity, a bladder positioned within the cavity and configured to repeatedly compress and relax, the bladder being made of a flexible material, and a connecting tube coupled to an inlet port of a lens module and to the bladder, configured to carry a fluid between the bladder and a fluid filled lens cavity of the lens module. The eyeglass reservoir system further comprises a compression arm contacting the bladder and configured to transmit force from an actuator to the bladder to cause movement of the fluid between the bladder and the connecting tube. The bladder and connecting tube are made of a flexible material such as polyvinyledende difluoride. The connecting tube further comprises a flared end configured to couple to the inlet port of the lens module.

No. of Pages: 29 No. of Claims: 31

(21) Application No.4035/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: THERMAL DESALINATION

(51) International classification :C02F1/04,B01D1/26,B01D1/28 (71)Name of Applicant :

(31) Priority Document No :0918916.8 (32) Priority Date :28/10/2009

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

(86) International Application No: PCT/GB2010/001984

Filing Date :26/10/2010

(87) International Publication No: WO 2011/051662 A1

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

Number :NA Filing Date

1)SURREY AQUATECHNOLOGY LTD

Address of Applicant :C/O MODERN WATER PLC BRAMLEY HOUSE TEH GUILDWAY OLD PORTSMOUTH ROAD, GUILDFORD GU3 1LR U.K.

(72)Name of Inventor:

1)NICOLL, PETER

(57) Abstract:

A thermal desalination process comprising: introducing a feed solution into a thermal separation unit, distilling the teed solution in the thermal separation unit to produce a distillate stream and a residual stream having a higher solute concentration than the feed solution, contacting a portion of the residual stream from the thermal separation unit with one side of a selectively permeable membrane, contacting the opposite side of the selectively permeable membrane with a portion of the feed solution, such that water flows across the membrane to dilute the residual stream by direct osmosis, and introducing at least a portion of the diluted residual stream into the thermal separation unit.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MONITORING OF REPLICATED DATA INSTANCES

(51) International classification	:G06F7/00,G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:12/606,106	1)AMAZON TECHNOLOGIES,INC.
(32) Priority Date	:26/10/2009	Address of Applicant :P.O. BOX 8102 RENO, NV 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/054141	(72)Name of Inventor :
Filing Date	:26/10/2010	1)MCALISTER, GRANT, ALEXANDER, MACDONALD
(87) International Publication No	:WO 2011/053595 A1	2)SIVASUBRAMANIAN, SWAMINATHAN
(61) Patent of Addition to Application	:NA	3)HUNTER, BARRY, B., JR.
Number	:NA	4)BRAZIL, SILAS, M.
Filing Date	,111.	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Replicated instances in a database environment provide for automatic failover and recovery. A monitoring component can obtain a lease enabling the component to periodically communicate with, and monitor, one or more data instances in the data environment, where the data instance can be a replicated instance including a primary and a secondary replica. For a large number of instances, the data environment can be partitioned such that each monitoring component can be assigned a partition of the workload. In the event of a failure of a monitoring component, the instances can be repartitioned and the remaining monitoring components can be assigned to the new partitions to substantially evenly distribute the workload.

No. of Pages: 71 No. of Claims: 15

(21) Application No.3067/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ENERGY STORAGE SYSTEM INCLUDING AN EXPANDABLE ACCUMULATOR AND RESERVOIR ASSEMBLY

(51) International classification :F15B1/26,B65D90/00,F17C1/00 (71)Name of Applicant:

(31) Priority Document No :61/248.573 (32) Priority Date :05/10/2009

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

(86) International Application :PCT/US2010/051323

:04/10/2010 Filing Date

(87) International Publication No: WO 2011/044042 A1

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

:NA Number :NA Filing Date

(57) Abstract:

1)ROBERT BOSCH GMBH

Address of Applicant : POSTFACH 30 02 20, 70442

STUTTGART Germany (72)Name of Inventor: 1)BASELEY, SIMON J.

An expandable accumulator and reservoir assembly includes a reservoir defining an interior chamber containing working fluid therein and an expandable accumulator. The expandable accumulator includes an inner layer and an outer layer at least partially surrounding the inner layer. The inner layer includes a higher fracture strain than the outer layer. The accumulator is at least partially positioned in the reservoir and at least partially immersed in the working fluid contained within the interior chamber. The accumulator is configured to exchange working fluid with the reservoir.

No. of Pages: 36 No. of Claims: 33

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A METHOD OF IDENTIFYING AN AMINO ACID THAT ENHANCES THE PRODUCTION OF NITRIC OXIDE

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISION RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :OLD 18 NEW 41 COLLEGE ROAD,
(33) Name of priority country	:NA	CHENNAI 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. K.N. SULOCHANA
(87) International Publication No	: NA	2)R. SELVI
(61) Patent of Addition to Application Number	:NA	3)DR. S.R. BHARATHI DEVI
Filing Date	:NA	4)S. VIDHYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of identifying an amino acid that enhances the production or nitric oxide comprising the steps of seeding cells, such as, CHO Kl cells (Chinese hamster ovary cells, Human Adipocytes, HUVEC (Human umbilical vein endothelial cells) into well plates; serum starving the cells with DMEM/F 12.1s after the cells reached confluence; exposing the cells to amino acids; collecting the conditioned media after exposure for NO assay and storing the same at -80°C before analysis; and detecting the nitric oxide through its oxidative by . products: nitrite and nitrate.

No. of Pages: 6 No. of Claims: 3

(21) Application No.3221/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INHIBITION OF ANGIOGENESIS

(51) International classification(31) Priority Document No(32) Priority Date	:C12N15/00 :NA :NA	(71)Name of Applicant: 1)VISION RESEARCH FOUNDATION Address of Applicant :OLD 18 NEW 41 COLLEGE ROAD,
(33) Name of priority country	:NA	CHENNAI 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. K.N. SULOCHANA
(87) International Publication No	: NA	2)DR. S.R. BHARATHI DEVI
(61) Patent of Addition to Application Number	:NA	3)GOMATHY NARAYANAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of inhibiting angiogenesis characterized by silencing a copper transporter (CTR1) with a small interfering RNA (SiRNA), the antisense sequence thereof being AGAAGGUUGCAUGGUACUGUU a single stranded siRNA

No. of Pages: 9 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :20/04/2012

(21) Application No.3574/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: LIGHT SOURCE

(51) International classification	:H01J65/04	(71)Name of Applicant:
(31) Priority Document No	:0918515.8	1)CERAVISION LIMITED
(32) Priority Date	:21/10/2009	Address of Applicant :THE MANSION, BLETCHLEY
(33) Name of priority country	:U.K.	PARK, WILTON AVENUE, BLETCHLEY, MILTON KEYNES
(86) International Application No	:PCT/GB2010/001922	MK3 6EB U.K.
Filing Date	:18/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/048359 A1	1)PRESTON, BARRY
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lamp has microwave resonant body(11) of transparent quartz. The body has central bore(16), having a sealed plasma enclosing bulb(17) inserted in it. The bulb is also quartz and has a external diameter which is a close fit in the bore. The bulb itself is of drawn quartz tube(18) and as such has a smoother internal bore (19). End caps (20) are fused to the tube and encapsulate a charge of a material excitable to form a light emitting plasma in the bulb when microwaves are fed into the body via an antenna (7) in a bore (21) in the body . The body is sized to establish resonance within the Faraday cage in the body (11), bulb(17) and fill containing void(22) within the bulb. There is negligible gap between the bulb and body, whereby they can be regarded as one for resonance purposes. The bulb is fixed in the body by welds(23).

No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :03/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARING DIVINYLARENE DIOXIDES

(51) International :C07D301/03,C07D301/12,C07D301/14 classification

(31) Priority Document :61/258,072

No

(19) INDIA

(32) Priority Date :04/11/2009 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2010/052766 Application No :15/10/2010

Filing Date (87) International

:WO 2011/056381 A1 Publication No

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

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

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

(21) Application No.3956/CHENP/2012 A

Address of Applicant :2040 DOW CENTER, MIDLAND,

MICHIGAN 48674 U.S.A.

(72)Name of Inventor: 1)GULYAS, GYONGYI

2)BHARADWAJ, ASHWIN, R.

3)WRIGHT, ROBERT, J.

4) NULL, MARTY, J.

5)RIPPLINGER, ERIC, B.

(57) Abstract:

A process for preparing a divinylarene dioxide including reacting (a) at least one divinylarene with (b) at least one oxidant in the presence of (c) at least one transition metal complex catalyst, and (d) optionally, in the presence of a solvent, and (e) optionally in the presence of a catalyst modifier under conditions to form a divinylarene dioxide product.

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

(21) Application No.4041/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: A METHOD FOR PRODUCING A QUARTZ GLASS CYLINDER AND A SUPPORT FOR PERFORMING THE METHOD

(51) International classification :C03B19/14,C03B37/014 (71)Name of Applicant :

(31) Priority Document No :10 2009 052 308.1

(32) Priority Date :09/11/2009 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2010/063438

Filing Date :14/09/2010

(87) International Publication No :WO 2011/054574 A1

(61) Patent of Addition to Application :NA Number

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

1)HERAEUS OUARZGLAS GMBH & CO. KG

Address of Applicant: QUARZSTRASSE 8, 63450, HANAU

Germany

(72)Name of Inventor:

1)SCHUSTER, ANKE 2)SOWA, RENE

3)TROMMER, MARTIN

4)PEPER, UDO

(57) Abstract:

In a known process for producing a quartz glass cylinder, a porous soot tube, which is sintered to form the quartz glass cylinder, is produced by depositing SiO2 particles on an outer cylindrical surface of a support, which rotates about the longitudinal axis thereof and has a layer of silicon carbide (SiC layer). In order on this basis to specify a support having a high resistance to fracture, which firstly can easily be removed and which secondly presents a low risk of contamination for the soot body, the invention proposes that the SiC layer is treated at a high temperature in an oxygen-containing atmosphere before the SiO2 particles are deposited, in such a manner that an SiO2 protective layer having a thickness of at least 0.1 mm is produced by oxidation.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SWAPPABLE BATTERIES

(51) International algorification	.II01M	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. TARUN SANJAY MEHTA
(32) Priority Date	:NA	Address of Applicant :AL99, 3RD CROSS, 12TH MAIN
(33) Name of priority country	:NA	ROAD, SHANTHI COLONY, NEAR SUNDARAM MEDICAL
(86) International Application No	:NA	FOUNDATION HOSPITAL, ANNA NAGAR, CHENNAI - 600
Filing Date	:NA	040 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. TARUN SANJAY MEHTA
Filing Date	:NA	2)MR. ALEX J VAZHATHARAYIL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A modular system for enabling easy replacement of battery packs. The modular system includes an inner shell (114) and outer shell (300). The inner shell (114) is configured to support an assembly of multiple battery cells (102), thereby forming a battery pack (100), wherein the inner shell (114) comprises a first set of terminal. The outer shell (300) includes a shell cover (302) and a second set of terminal. The outer shell (300) is configured to receive at least one battery pack (100). Upon receiving the battery pack (100) in the outer shell (300) connection is established between the respective first set of terminals and the second set of terminals, thereby avoiding the need for human intervention to establish connections between the respective first set of terminals and the second set of terminals.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FUEL PRESSURE BASED LIMP HOME MODE FOR VEHICLES

(51) International classification(31) Priority Document No(32) Priority Date	:F02D :NA :NA	(71)Name of Applicant: 1)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GEORGE ANTHONY P
(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 method and a device to run a vehicle in limp home mode when crank shaft sensor fails and the crank shaft sensor is not present in the vehicle. The device is the engine control unit (ECU) 10. The ECU comprises a means 29 to receive a fuel pressure signal 32 and a means 34 to detect peaks in the fuel pressure signal 32. During the normal operation of the engine i.e. when the crank shaft sensor is functioning, the ECU 10 continuously stores the information regarding the last fired cylinder. When the crank shaft sensor fails, the limp home mode becomes active. During limp home mode, the peak detection means 34 detects the next occurring peak in the fuel pressure signal 32. At the instant a peak occurs in the fuel pressure signal, the last fired cylinder information is used to detect the next cylinder in the sequence for firing and the fuel injection/ignition is carried out in the next cylinder. This cycle is repeated. This enables the user to drive the vehicle to a service station.

No. of Pages: 11 No. of Claims: 5

(21) Application No.3879/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/13363,G02F1/1335 (71)Name of Applicant :

(31) Priority Document No :2009-233704 (32) Priority Date :07/10/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/058547 Filing Date :20/05/2010

(87) International Publication No :WO 2011/043098 A1

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

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

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU.

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor:

1)SAKAI, AKIRA

2)SAKURAGI, KAZUYOSHI 3)HASEGAWA, MASAHIRO

(57) Abstract:

The present invention provides a liquid-crystal display device that can achieve high contrast ratios in a wide range of viewing angles and reduce coloration during black display. The liquid-crystal display device according to the present invention includes a polarizer, a first quarter-wave plate adapted to satisfy nx > ny > nz, a vertically aligned liquid crystal cell, a second quarter-wave plate provided with substantially the same Nz factor as the first quarter-wave plate and adapted to satisfy nx > ny > nz, a birefringent layer adapted to satisfy nx < ny < nz and, a polarizer, all of which are stacked in this order, wherein the liquid crystal cell includes a liquid crystal layer and blue, green, and red color filter layers and satisfies at least one of the expressions below: $R(B)/R(G) > \Delta n(B)/\Delta n(G) R(R)/R(G) < \Delta n(B)/\Delta n(G) R(R)/R(G)$ $\Delta n(R)/\Delta n(G)$ where R(B), R(G), and $\Delta n(R)$ represents perpendicular phase difference of the liquid crystal cell at wavelengths of 450 nm, 550 ran, and 650 ran, respectively, and An(B), Δ n(G), and Δ n(R) represent birefringence values of a liquid crystal material of the liquid crystal layer at wavelengths of 450 nm, 550 nm, and 650 nm, respectively.

No. of Pages: 112 No. of Claims: 18

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSFERRING MULTIPLE COMMUNICATION MODALITIES DURING A CONVERSATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/58 :12/622,165 :19/11/2009 :U.S.A. :PCT/US2010/053501 :21/10/2010 :WO2011/062723 A3 :NA :NA :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)CAVIN, STEPHANE 2)TAINE, STEPHANE, L.
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(57) Abstract:

A conversation may be established using any supported type of communication modalities, including voice, video, desktop sharing, IM, application sharing, and the like. During the conversation, a user may transfer all or part of the modalities of the conversation at the same time to one or more destinations. The transfer may specify mandatory and non-mandatory modalities and may occur supervised or in a blind manner. In addition to transferring the modality, a conversation payload (e.g. IM history) may also be transferred to a destination.

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

(21) Application No.3864/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : FLEXIBLE TEXTILE SLEEVE WITH END FRAY RESISTANT, PROTECTIVE COATING AND METHOD OF CONSTRUCTION THEREOF

(51) International :H01B3/48,H01B13/012,H01B7/17

:WO 2011/044345 A2

classification
(31) Priority Document No
(32) Priority Date
(32) Normal of priority country
(33) Normal of priority country
(34) Normal of priority country
(35) Normal of priority country
(36) Normal of priority country
(37) Normal of priority country
(38) Normal of priority country
(39) Normal of priority country
(31) Normal of priority country
(32) Normal of priority country
(33) Normal of priority country
(34) Normal of priority country
(35) Normal of priority country
(36) Normal of priority country
(37) Normal of priority country
(38) Normal of priority country
(39) Normal of priority country
(31) Normal of priority country
(32) Normal of priority country
(33) Normal of priority country
(34) Normal of priority country
(35) Normal of priority country
(36) Normal of priority country
(37) Normal of priority country
(38) Normal of priority country
(3

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

(86) International Application :PCT/US2010/051798

No :1C1/03201 :07/10/2010

Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA :NA

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

1)FEDERAL-MOGUL POWERTRAIN, INC.

Address of Applicant :26555 NORTHWESTERN HIGHWAY, SOUTHFIELD, MI 48033 U.S.A.

(72)Name of Inventor:

1)AVULA, RAMESH, R. 2)GIBBS, GEOFFREY 3)BARBER, JOHN

(57) Abstract:

A textile sleeve for routing and protecting elongate members and method of construction thereof is provided. The textile sleeve has an elongate textile wall constructed from interlaced yarn. An emulsion of acrylic binder and water based silicon resin is applied to coat the interlaced yarn, with the acrylic binder providing resistance to end fray of the textile sleeve at temperature below 150c and the silicone resin providing resistance to end fray between about 150-500c

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

(21) Application No.3958/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MOBILE STATION APPARATUS, BASE STATION APPARATUS, WIRELESS COMMUNICATION SYSTEM, COMMUNICATION CONTROL METHOD, AND COMMUNICATION CONTROL PROGRAM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:PCT/JP2010/068474	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan (72)Name of Inventor: 1)OH, WAHOH
Filing Date	:20/10/2010	
(87) International Publication No	:WO 2011/052447 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An ASN encoder of a mobile station apparatus generates transmission and reception capability information including information relating to one or a plurality of component carriers to be used for communication with a base station apparatus. A transmission and reception apparatus transmits the transmission and reception capability information to the base station apparatus. A controller controls the communication with the base station apparatus, using the one or the plurality of component carriers assigned by the base station apparatus based on the transmission and reception capability information.

No. of Pages: 132 No. of Claims: 19

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR CONNECTING REINFORCING FIBER BUNDLES, METHOD FOR PRODUCING LONG FIBER REINFORCED THERMOPLASTIC RESIN PELLET, AND WOUND BODY

(51) International classification (31) Priority Document No	:B29B9/14,B65H69/06 :2009-255045	(71)Name of Applicant: 1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE
(32) Priority Date	:06/11/2009	STEEL, LTD.)
(33) Name of priority country	:Japan	Address of Applicant :10-26, WAKINOHAMA-CHO, 2-
(86) International Application No	:PCT/JP2010/069750	CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
Filing Date	:05/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/055800 A1	1)MIURA, HODAKA
(61) Patent of Addition to Application	:NA	2)TAKAMURA, KAZUYA
Number	:NA	3)FUJIURA, TAKAYASU
Filing Date	.11/1	4)TASHIRO, NAOYUKI
(62) Divisional to Application Number	:NA	5)ZENKE, SEIJI
Filing Date	:NA	

(57) Abstract:

A method for connecting a tail end portion of a reinforcing fiber bundle of a preceding wound body to a front end portion of a reinforcing fiber bundle unwound from a new wound body by blowing pressurized air to both of the ends to unravel and entwine both of the reinforcing fiber bundles, wherein the method includes a preparation step for adjusting the amount of a sizing agent contained in the front end of the reinforcing fiber bundle unwound from the new wound body and the tail end of the preceding wound body to not less than 4wt% and not more than 4wt%, and the reinforcing fiber bundles are connected after the preparation step. It is thus possible for the reinforcing fiber bundle at the time of producing a long fiber reinforced thermoplastic resin pellet that is a material for the pellet to have a required connection strength, and to avoid the occurrence of interruption due to breakage, and accordingly allowing improvement in the production efficiency of the long fiber reinforced thermoplastic resin pellet, etc.

No. of Pages: 23 No. of Claims: 6

(21) Application No.3961/CHE/2011 A

(19) INDIA

(22) Date of filing of Application: 18/11/2011 (43) Publication Date: 14/02/2014

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF PITAVASTATIN CALCIUM

(51) International classification	:C01B 35/00	(71)Name of Applicant: 1)ORCHID CHEMICALS & PHARMACEUTICALS LTD
(31) Priority Document No	:NA	Address of Applicant :ORCHID TOWERS, 313,
(32) Priority Date	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(33) Name of priority country	:NA	CHENNAI - 600 034 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)UDAYAMPALAYAM PALANISAMY
(87) International Publication No	: NA	SENTHILKUMAR
(61) Patent of Addition to Application Number	:NA	2)KANAGARAJ SURESHKUMAR
Filing Date	:NA	3)DASARI VINODBABU
(62) Divisional to Application Number	:NA	4)SUBRAMANIYAN KUTHALINGAM
Filing Date	:NA	

(57) Abstract:

The present invention provides novel crystalline form of Pitavastatin calcium of formula (I), which is designated as Form-O. The present invention further provides an improved process for the preparation of Pitavastatin calcium of formula (I) using novel solvate of formula (IA) and novel crystalline form of (4R,6S)-(E)-6- [2-(2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-yl)-vinyl]-2,2-dimethyl-[1,3]-dioxane-4-yl] acetic acid tertiary butyl ester of Formula-(II).

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MANAGING VIRTUAL HARD DRIVES AS BLOBS

(51) International classification :G06F13/14,G0 (31) Priority Document No :12/619,307 (32) Priority Date :16/11/2009

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

(86) International Application No :PCT/US2010/054701 Filing Date :29/10/2010

(87) International Publication No :WO 2011/059811 A3

(87) International Publication No
:WO 20
(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
:NA
Filing Date
:NA
:NA

:G06F13/14,G06F15/16 (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)CALDER, BRADLEY GENE 2)EDWARDS ANDREW JAMES

3)WANG, JU

4)ARAFEH, SAMER 5)ENGINEER, ANU

6)ZUO, YUE

(57) Abstract:

Cloud computing platforms having computer-readable media that perform methods to manage virtual hard drives as blobs are provided. The cloud computing platform includes fabric computers and blob stores. The fabric computers execute virtual machines that implement one or more applications that access virtual hard drives. The data in the virtual hard drives is accessed, via a blob interface, from blobs in the blob stores. The blob stores interface with a driver that translates some application input/output (I/O) requests destined to the virtual hard drives to blob commands when accessing data in the virtual hard drives.

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

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DENSE-STOCHASTIC-SAMPLING IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06T1/00,G01N21/64 :61/289,916 :23/12/2009 :U.S.A. :PCT/US2010/059447 :08/12/2010 :WO 2011/087632 A2 :NA :NA	(71)Name of Applicant: 1)APPLIED PRECISION, INC. Address of Applicant: 1040 12TH AVE., NW, ISSAQUAH, WASHINGTON 98027 U.S.A. (72)Name of Inventor: 1)GAUDENZ DANUSER 2)PAUL C. GOODWIN
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of the present invention are directed to imaging technologies, and, in particular, to an imaging system that detects relatively weak signals, over time, and that uses the detected signals to determine the positions of signal emitters. Particular embodiments of the present invention are directed to methods and systems for imaging fluorophore-labeled samples in order to produce images of the sample at resolutions significantly greater than the diffraction-limited resolution associated with optical microscopy. Embodiments of the present invention employ overlapping-emitter-image disambiguation to allow data to be collected from densely arranged emitters, which significantly decreases the data-collection time for producing intermediate images as well as the number of intermediate images needed to computationally construct high-resolution final images. Additional embodiments of the present invention employ hierarchical image-processing techniques to further resolve and interpret disambiguated images.

No. of Pages: 80 No. of Claims: 20

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LCD DEVICE

(51) International classification: G09G3/36,G02F1/133,G09G3/20 (71) Name of Applicant:

:22/06/2010

(31) Priority Document No :2009242468 (32) Priority Date :21/10/2009

(33) Name of priority country :Japan

(86) International Application :PCT/JP2010/060556 No

Filing Date

(87) International Publication :WO 2011/048847 A1

(19) INDIA

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

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

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(21) Application No.4046/CHENP/2012 A

(72)Name of Inventor:

1)OKUMURA, HIROSHI

(57) Abstract:

An object of the present invention is to eliminate luminance unevenness due to gradation variation occurring in a plane of a division driven LCD panel. An LCD device (1) of the present invention divides a display screen into a plurality of display screens (MU, MD), a plurality of storage capacitor lines (CSHI through CSHp and CSLI through CSLq) being divided into a plurality of storage capacitor lines for each of the plurality of display screens (MU, MD), and a storage capacitor voltage being set individually for the each of the plurality of display screens (MU. MD). the storage capacitor voltage being applied to each of the plurality of storage capacitor lines (CSHl through CSHp and CSLl through CSLq).

No. of Pages: 63 No. of Claims: 12

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLID-STATE IMAGE PICKUP DEVICE AND METHOD FOR MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01L27/146 :2009-235089 :09/10/2009 :Japan :PCT/JP2010/005977 :06/10/2010 :WO 2011/043067 A1	(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)ONUKI, YUSUKE 2)YAMASHITA, YUICHIRO 3)KOBAYASHI, MASAHIRO
	:PCT/JP2010/005977	
Filing Date	:06/10/2010	1)ONUKI, YUSUKE
(87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solid-state image pickup device includes a photoelectric conversion portion, a charge holding portion configured to include a first-conductivity-type first semiconductor region, and a transfer portion configured to include a transfer gate electrode that controls a potential between the charge holding portion and a sense node. The charge holding portion includes a control electrode. A second-conductivity-type second semiconductor region is disposed on a surface of a semiconductor region between the control electrode and the transfer gate electrode. A first-conductivity-type third semiconductor region is disposed under the second semiconductor region. The third semiconductor region is disposed at a deeper position than the first semiconductor region.

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

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LEVER-TYPE CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01R13/629 :2010-006113 :14/01/2010 :Japan :PCT/JP2011/051039 :14/01/2011 :WO 2011/087151 A1 :NA	(71)Name of Applicant: 1)YAZAKI CORPORATION Address of Applicant: 4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)KOBAYASHI, TOHRU 2)YAMAMOTO, SHOJI
. ,	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4048/CHENP/2012 A

(57) Abstract:

A lever-type connector includes a connector housing, a cover attached to the connector housing, a lever rotatably mounted on the connector housing. The lever is rotated in a situation that a mating connector is fitted to the connector housing in a half-fitted condition, thereby moving the mating connector with respect to the connector housing from the half-fitting condition to a completely fitting condition. A retaining portion is provided on the lever. A lock portion provided on the cover is engaged with the retaining portion when the lever has been rotated. A lever claw portion is provided on the retaining portion. The lock portion is provided on a distal end portion of the lock arm. A lock protection portion is provided on the retaining portion so as to be positioned away from a rotation center of the lever than the lever claw portion so that the lock protection portion covers the lock portion.

No. of Pages: 27 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ANNULAR BARRIER

(51) International classification	:E21B33/127	(71)Name of Applicant:
(31) Priority Document No	:09172466.6	1)WELLTEC A/S
(32) Priority Date	:07/10/2009	Address of Applicant :GYDEVANG 25, DK-3450 ALLEROD
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2010/064988	(72)Name of Inventor:
Filing Date	:07/10/2010	1)HALLUNDBAEK, JORGEN
(87) International Publication No	:WO 2011/042492	2)HAZEL, PAUL
(67) International Laboration No	A1	3)ANDERSEN, THOMAS SUNE
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(21) Application No.3891/CHENP/2012 A

(57) Abstract:

The present invention relates to an annular barrier to be expanded in an annulus between a well tubular structure and an inside wall of a borehole downhole. The annular barrier comprises a tubular part for mounting as part of the well tubular structure, an expandable sleeve surrounding the tubular part and having an inner face facing the tubular part, each end of the expandable sleeve being connected with a connection part which is connected with the tubular part, a space between the inner face of the sleeve and the tubular part, and an element arranged in connection with the sleeve, the element having a first part and a second part both of which extend around the inner face, the first part of the element being fastened to the inner face.

No. of Pages: 49 No. of Claims: 19

(21) Application No.3988/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : COAXIAL CONNECTOR FOR BOARD, PAIR OF CHAIN TERMINALS AND METHOD OF MANUFACTURING COAXIAL CONNECTOR FOR BOARD

(51) International :H01R13/652,H01R43/00,H01R43/16

(31) Priority Document No :2009-255276 (32) Priority Date :06/11/2009

(33) Name of priority :Japan

country (86) International

Application No :PCT/JP2010/069756

Filing Date :05/11/2010

(87) International Publication No :WO 2011/055805 A1

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

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(71)Name of Applicant:

1)YAZAKI CORPORATION

Address of Applicant: 4-28, MITA 1-CHOME, MINATO-KU,

TOKYO Japan

(72)Name of Inventor: 1)KANDA, HIDENORI

(57) Abstract:

Manufacturing efficiency of a connector is greatly improved, and the manufacturing costs and the product cost can be reduced. A coaxial connector (P) for a board of the present invention is configured so that an extended portion of an outer terminal (42) and an extended portion of an inner terminal (44) are positioned so that one extended portion is not superimposed on the other extended portion when a half-cylinder portion of the outer terminal is viewed from an upper side.

No. of Pages: 37 No. of Claims: 3

(21) Application No.3989/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02K1/18 :10 2009 046 482.4 :06/11/2009 :Germany :PCT/DE2010/050069 :07/09/2010 :WO 2011/054351 A2 :NA :NA	(71)Name of Applicant: 1)MAN DIESEL & TURBO SE Address of Applicant: STADTBACHSTR. 1, 86153, AUGSBURG Germany (72)Name of Inventor: 1)VETTER, MARCEL 2)STALDER, CLAUDE 3)SUTER, ROGER 4)KLEYNHANS, GEORGE
\ /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an electric machine, comprising a housing having an inner circumference, a stator, which is inserted into the housing such that an outer circumference of the stator faces the inner circumference of the housing, wherein a clearance fit is formed between the inner circumference of the housing and the outer circumference of the stator, at least one fastening element, wherein each fastening element connects the stator to the housing in a form-fit manner such that the stator is retained on the housing in a rotationally-fixed manner, and a rotor, which is rotatably supported in the housing in a radial direction of the electric machine inwardly from the stator.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS AND COMPOSITION FOR SECRETION OF HETEROLOGOUS POLYPEPTIDES

(51) International classification	:C07K16/00,C12N15/67,C12N15/70	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG
(31) Priority Document No	:61/258,565	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(32) Priority Date	:05/11/2009	4070 BASEL Switzerland
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/US2010/055702 :05/11/2010	1)MARRICHI, MATTHEW 2)REILLY, DOROTHEA, E.
(87) International Publication	¹ :WO 2011/057120 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates generally to the fields of molecular biology and protein technology. More specifically, the invention concerns signal sequences for the secretion of heterologous polypeptide from bacteria. The invention also concerns recombinant polypeptides and uses thereof.

No. of Pages: 159 No. of Claims: 55

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: FERMENTATION PROCESS AT REDUCED PRESSURE

(51) International classification :C12P1/00,C12P7/46,C12P7/56 (71)Name of Applicant : (31) Priority Document No :09172984.8 (32) Priority Date :14/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/065395

Filing Date :14/10/2010

(87) International Publication No :WO 2011/045365 A1

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

1)PURAC BIOCHEM BV

Address of Applicant : ARKELSEDIJK 46, NL-4206 AC

GORINCHEM Netherlands (72)Name of Inventor: 1)VAN BREUGEL, JAN

3)JANSEN, PETER PAUL

2)GROOT, WILLEM JACOB

(57) Abstract:

Filing Date

The present invention pertains to a fermentation process wherein a carbohydrate source is contacted under fermentation conditions with a microorganism in an aqueous fermentation broth to form a fermentation product which is a salt or a product with a boiling point above the boiling point of water, wherein the fermentation process is carried out at a pressure which is below atmospheric pressure and at least at the value where the reaction medium is at its boiling point at the fermentation temperature, with water being evaporated and removed from the reactor during the fermentation in an amount which is at least 20% of the volume of liquid present in the reactor at the start of the fermentation. It has been found that effecting a fermentation process at reduced pressure while removing a substantial amount of water has a number of advantages. It solves the problem of having a surplus of water in the system, it ensures removal of reaction heat, and may lead to improved fermentation quality.

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

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.3975/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS FOR LABELLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/10/2010 :WO 2011/045587 A2 :NA :NA	(71)Name of Applicant: 1)BRADY WORLDWIDE, INC. Address of Applicant: 6555 WEST GOOD HOPE ROAD, MILWAUKEE, WI 53223 U.S.A. (72)Name of Inventor: 1)AUTON, KEVIN, ANDREW 2)BEADMAN, MICHAEL, ANDREW 3)CLEMENTS, JEREMY, PETER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

We describe a peel and present mechanism, for use with labelling apparatus such as a. label stock cartridge or cassette, or a label printer. The peel and present mechanism is configured to peel labels from label stock having a backing liner. The mechanism comprises a first, label stock carrying face bounded by a label-detachment edge wherein, in use, said label stock passes in a longitudinal direction over said label stock carrying face and around said label-detachment edge to peel and present labels, and wherein said label stock carrying face has a bent transverse surface profile in a transverse direction perpendicular to said longitudinal direction such mat, in use, said label stock is bent in said transverse direction whereby, as said label stock passes over said-label detachment edge, said longitudinal direction of said label stock defines a projected path for a label peeled from said label stock by said label-detachment edge.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND EQUIPMENT FOR TREATMENT OF BLACK LIQUOR AT PULP MILL

(51) International classification	:D21C11/12,D21C11/00	(71)Name of Applicant:
(31) Priority Document No	:20096152	1)METSO POWER OY
(32) Priority Date	:06/11/2009	Address of Applicant :LENTOKENTANKATU 11, FI-33900
(33) Name of priority country	:Finland	TAMPERE Finland
(86) International Application No	:PCT/FI2010/050872	(72)Name of Inventor:
Filing Date	:02/11/2010	1)HONKOLA, TIMO
(87) International Publication No	:WO 2011/055010 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and equipment for treating pulp mill black liquor so as to recover the energy in chemicals therein. In the invention the black liquor is pyrolysed in a pyrolysis reactor (4), where causticizing material consisting of metal oxide and sodium, oxide and heated in a burning unit (6) is conveyed, and gaseous components formed in pyrolysis are conveyed for utilization and solids are returned to the burning unit.

No. of Pages: 16 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.3977/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: DISPOSABLE WEARING ARTICLE

(87) International Publication No A1 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:25/11/2010	(71)Name of Applicant: 1)UNICHARM CORPORATION Address of Applicant: 182, SHIMOBUN, KINSEI-CHO, SHIKOKUCHUO-SHI, EHIME, 7990111 Japan (72)Name of Inventor: 1)TAKINO, SHUNSUKE
	(61) Patent of Addition to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a disposable wearing article having a rear waist region 14 which includes a rear waist main section 18 facing a front waist ;region 13 and a buttocks-covering section 19 lying adjacent to a crotch region 15. The rear waist main section 18 is divided into an upper area 31 lying adjacent to a waist-opening 22 and a lower area 32 lying adjacent to the crotch region 15 wherein a tensile stress per unit width dimension in the buttocks -covering section 19 is lower than a tensile stress per unit width dimension in the lower area 32 of the ; rear waist main section 18.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A/D CONVERSION DEVICE, DAMPING DEVICE, AND VEHICLE MOUNTED WITH THESE DEVICES

(51) International classification: H03M1/18,B60K5/12,F16F15/02 (71)Name of Applicant: (31) Priority Document No 1)SINFONIA TECHNOLOGY CO., LTD. :P2009-259685 (32) Priority Date Address of Applicant: 1-30, SHIBA-DAIMON 1-CHOME, :13/11/2009 (33) Name of priority country MINATO-KU, TOKYO 1058564 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2010/070126 1)MATSUNO, KEISUKE :11/11/2010 Filing Date 2)KATADA, HIDETOSHI (87) International Publication 3)TOMIZAKI, TAKESHI :WO 2011/059034 A1 No 4)MORIYA, HIDEAKI (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An A/D conversion device has a first A/D conversion unit (73) configured to convert an analog vibration signal (sgl) input from a vibration detecting sensor (l) to detect the vibration into a digital value (digil) and, a second A/D conversion unit (74) configured to input an analog vibration signal (sg2) corresponding to an amplified analog vibration signal (sgl), so as to convert the signal into a digital value (digi2); a determination unit (81) configured to determine whether or not an input saturation state, where an amplitude value of the analog vibration signal (sg2) exceeds an amplitude range convertible at the second A/D conversion unit (74), is occurring. and a selection unit (82) configured to output the digital value (digil) converted by the first A/D conversion unit (73) when the determination unit (81) determines an input saturation state is occurring, and to output the digital value (digil) converted by the second A/D conversion unit (74) when the determination unit (81) determines an input saturation state is not occurring.

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

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: FACET SUPPORT, CLUSTERING FOR CODE QUERY RESULTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F :NA :NA :NA	(71)Name of Applicant: 1)INFOSYS TECHNOLOGIES LIMITED Address of Applicant :PLOT NO.44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100 Karnataka India
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)ASADULLAH, ALLAHBAKSH M 2)GEORGE, SUSAN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)M. BASAVA RAJU

(57) Abstract:

Techniques and tools are described for refining source-code query results. For example, source-code query results for a query can be generated, semantic clusters of the source-code query results can be generated, and based on a selection of a semantic cluster option, refined source-code query results can be sent. Also, for example, source-code query results can be received, selections of facet values associated with groups of the source-code query results can be sent, and based on selected facet values, a subset of the source-code query results can be received.

No. of Pages: 63 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :06/08/2012

(21) Application No.3207/CHE/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: A FUEL INJECTION PUMP

(51) International classification :F02N (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)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India 2)ROBERT BOSCH GMBH (72)Name of Inventor: 1)BALAN REGAN 2)VENKATESH K R
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(57) Abstract:

The fuel injection pump (10) in accordance with this invention comprises a housing (12) with a barrel (14). The barrel (14) has one or more passages. One or more locking elements (26) are inserted into the passages to prevent the rotation of the barrel (14). The locking element (26) may be detachedly inserted into the fuel inlet port (20) of the barrel (14) through a fuel supply passage (22) of the housing (12). The locking element (26) may be provided integrally in the fuel injection pump (10).

No. of Pages: 14 No. of Claims: 12

(21) Application No.3208/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPRING LOADED SLIDING PLATES

(51) International classification(31) Priority Document No(32) Priority Date	:B65B :NA :NA	(71)Name of Applicant: 1)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JOHANNES G. H. HEGGER
(61) Patent of Addition to Application Number	:NA	2)ANNAMALAI P
Filing Date	:NA	3)SHAJISH P M
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is related to a packaging machine where a friction belts need to be in contact with a forming tube to form bags. The invention discloses a spring loaded sliding plate assembly. The spring loaded sliding plate assembly comprises a pair of sliding plates 202 coupled to a block 300 and supported by a pair of springs 304. The pair of springs 304 are located in a groove in the block to which the plates 202 are coupled. A film roll which is driven by the friction belts 102 moves over a forming tube 110. The film needs to move uniformly over the forming tube 110. The spring loaded plates 202 support the friction belt 102 on one side providing uniform frictional force between the friction belt and the forming tube. As the spring loaded plates are supported by springs on one side, the spring loaded plates absorb any uneven pressure because of the tolerances in the belt drive assembly or the forming tube and provide uniform friction between the friction belts and the forming tube to make a uniform bag from the film.

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

(21) Application No.3277/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A RECONFIGURABLE PARALLEL MANIPULATOR

(51) International classification(31) Priority Document No(32) Priority Date	:B25J9/00 :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOGY MADRAS Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, IIT P.O., CHENNAI - 600 036 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANDIPAN BANDYOPADHYAY
(61) Patent of Addition to Application Number	:NA	2)R. ARUN SRIVATSAN
Filing Date	:NA	3)TARUN S MEHTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 24 No. of Claims: 10

The present invention relates to a reconfigurable parallel manipulator.

(22) Date of filing of Application :09/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF ERLOTINIB

(51) International classification(31) Priority Document No	:A61K31/00 :NA	(71)Name of Applicant: 1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:NA	SANATH NAGAR, HYDERABAD - 500 082 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PARTHASARADHI REDDY, BANDI
Filing Date	:NA	2)KHADGAPATHI, PODILI
(62) Divisional to Application Number	:NA	3)KIRAN KUMAR, MADALLAPALLI
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to pharmaceutical compositions comprising erlotinib and one or more pharmaceutically acceptable excipients and methods of preparing the same.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM FOR LOCATION DEPENDENT SETUP OF TELEPHONE CONFERENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:23/11/2010 :WO 2011/068716 A1 :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3, AVENUE OCTAVE GREARD, 75007 PARIS France (72)Name of Inventor: 1)MICHAEL S. WENGROVITZ
· /	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A geospatial telephony system initiates conference calls between participants based on location of participants. For example, a node within the system can receive a location at which a first communication device is geospatially located and can enable a conference call to be initiated between the first communication device and at least one other communication device based on that location.

No. of Pages: 55 No. of Claims: 10

(22) Date of filing of Application :12/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMAGING APPARATUS, IMAGING SYSTEM, METHOD OF CONTROLLING THE APPARATUS AND THE SYSTEM, AND PROGRAM

(31) Priority Document No	:H04N5/32,H04N5/335,G01T1/20 :2009-213339	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:15/09/2009	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO 146-8501 Japan
(86) International Application No Filing Date (87) International Publication No	:PCT/JP2010/005602 :14/09/2010 :WO 2011/033760 A1	(72)Name of Inventor: 1)YAGI, TOMOYUKI 2)ENDO, TADAO 3)KAMESHIMA, TOSHIO 4)TAKENAKA, KATSURO
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	5)YOKOYAMA, KEIGO 6)SATO, SHO

(57) Abstract:

An imaging apparatus includes a control unit and a detector that includes multiple pixels and that performs an image capturing operation to output image data corresponding to emitted radiation or light. The image capturing operation includes a first image capturing operation in which the detector is scanned in a first scanning area corresponding to part of the multiple pixels to output image data in the first scanning area and a second image capturing operation in which the detector is scanned in a second scanning area larger than the first scanning area to output image data in the second scanning area. The control unit causes the detector to perform an initialization operation to initialize the conversion element during a period between the first image capturing operation and the second image capturing operation in accordance with switching from the first scanning area to the second scanning area.

No. of Pages: 53 No. of Claims: 9

(21) Application No.3420/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARING ALISKIREN INTERMEDIATE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAGABELLI MURALI
(87) International Publication No	: NA	2)UTTAM KUMAR RAY
(61) Patent of Addition to Application Number	:NA	3)AMINUL ISLAM
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to a novel process for preparing a compound of Formula I, which is useful intermediate in the preparation of Aliskiren.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LAYERED STRUCTURE, POLYMER, ELECTROLUMINESCENT DEVICE, AND PHOTELECTRIC CONVERSION DEVICE

(51) International classification	:H01L51/50	(71)Name of Applicant :
(31) Priority Document No	:2009-226528	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:30/09/2009	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-
(33) Name of priority country	:Japan	KU, TOKYO 104-8260 Japan
(86) International Application No	:PCT/JP2010/066772	(72)Name of Inventor:
Filing Date	:28/09/2010	1)TANAKA, MASANOBU
(97) International Dublication No.	:WO 2011/040388	2)TANAKA, KENTA
(87) International Publication No	A1	3)SAKAKIBARA, KEN
(61) Patent of Addition to Application	:NA	4)HIGASHIMURA, HIDEYUKI
Number	*	5)ISHIKAWA, RUI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		!

(57) Abstract:

Provided is a layered structure having a first electrode, a second electrode, a light emitting layer or a charge separation layer located between the first electrode and the second electrode, and a layer located between the light emitting layer or the charge separation layer and the first electrode and containing a polymer having a repeating unit containing one or more ionic groups selected from two specific groups and one or more specific polar groups. Also provided is a polymer having, as the repeating unit containing one or more ionic groups selected from two specific groups and one or more specific polar groups, one or more repeating units selected from four specific repeating units containing an aromatic group. The layered structure of the present invention provides an electroluminescent device capable of emitting light at a high luminance and a photoelectric conversion device having a high photoelectric conversion efficiency.

No. of Pages: 311 No. of Claims: 89

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ALUMINUM-BASED HYDRIDE ANODES, AND GALVANIC ELEMENTS CONTAINING ALUMINIUM-BASED HYDRIDE ANODES

(21) Application No.3906/CHENP/2012 A

(31) Priority Document No :10 (32) Priority Date :07 (33) Name of priority country :G (86) International Application No :P0 Filing Date :07	2009 045 441.1 7/10/2009 ermany CT/EP2010/006132 7/10/2010 TO 2011/042185 A A A	Name of Applicant: CHEMETALL GMBH Address of Applicant: TRAKEHNER STRASSE 3, D-60487 NKFURT AM MAIN Germany Name of Inventor: VIETELMANN, ULRICH
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(57) Abstract:

The invention relates to aluminum-containing hydride anodes of the general formula (M1)m (M2)mA1H6, wherein M1 and M2 are an alkali element independently selected from Li, Na, and K; m is a number between 1 and 3; and n is a number \geq 3, and galvanic elements, such as lithium batteries, containing as anodes said hydride anodes containing aluminum. The invention further relates to a method for producing galvanic elements having hydride anodes containing aluminum.

No. of Pages: 19 No. of Claims: 15

(21) Application No.4080/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TUBULIN INHIBITORS

(51) International classification :C07K5/06,A61K38/05,C07D277/56

(31) Priority Document No :09014169.8 (32) Priority Date :12/11/2009 (33) Name of priority

country :EPO

(86) International Application No :PCT/EP2010/006914

Filing Date :12/11/2010

(87) International Publication :WO 2011/057805 A1

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

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

1)R&D BIOPHARMACEUTICALS GMBH

Address of Applicant : AM KLOPFERSPITZ 19, 82152,

MARTINSRIED Germany (72)**Name of Inventor:**

1)RICHTER, WOLFGANG

(57) Abstract:

The present invention relates to novel tubulin binding molecules of formula (I) and their use for the treatment of cancer and other diseases.

No. of Pages: 33 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.4081/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: IMAGE PICKUP APPARATUS

(51) International classification	:H04N9/07	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:NA	OHTA-KU, TOKYO 146-8501 Japan
(86) International Application No	:PCT/JP2009/067741	(72)Name of Inventor:
Filing Date	:13/10/2009	1)HONDA, YOSHIAKI
(87) International Publication No	:WO 2011/045849	
(67) International Lubication (Vo	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An object is to suppress a false color and moire that occur in a high-frequency region. Color interpolation circuits (300 and 350) of a color-difference signal generating circuit (104) separate an image signal obtained from an image pickup device, in which a plurality of color filters are arranged in a predetermined pattern and in which pixels corresponding to the respective color filters are provided, into image signals of the respective color filters (R, G1, G2, and B), and perform an interpolation process on the image signals of the respective color filters. Then, a false color determining circuit (360) determines whether a target region is a high-frequency region on the basis of at least any of slopes of image signals of the G1 filter and the G2 filter and a difference between the image signals of the G1 filter and the G2 filter in the target region.

No. of Pages: 78 No. of Claims: 19

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION TERMINAL, MOBILE COMMUNICATION CONTROLLER, MOBILE COMMUNICATION SYSTEM, AND MOBILE COMMUNICATION METHOD

(51) International :H04W36/14,H04M11/00,H04W76/06 classification

(31) Priority Document No :2009-241908

(32) Priority Date :20/10/2009

(33) Name of priority :Japan country

(86) International

:PCT/JP2010/068484 Application No

:20/10/2010 Filing Date

(87) International :WO 2011/049129 A1 Publication No

(61) Patent of Addition to

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

(71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant: 11-1, NAGATACHO 2-CHOME,

CHIYODA-KU, TOKYO 1006150 Japan

(72)Name of Inventor: 1)AOYAGI, KENICHIRO 2)IWAMURA, MIKIO

(57) Abstract:

A mobile communication terminal 10 is configured to transmit a control signal indicating a request for cell reselection to the second communication system to the first communication system before a communication resource of the second communication system is reserved while the mobile communication terminal was located in the first communication system. The first communication system releases a communication resource of the first communication system in response to the control signal indicating the request for cell reselection to the second communication system even before the communication resource of the second communication system is reserved.

No. of Pages: 37 No. of Claims: 8

(21) Application No.3997/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SYSTEM, METHOD AND INTEGRATED CIRCUIT CHIP FOR WIRELESS MULTI-NETWORK **TELEMETRY**

(51) International :H04W48/18,H04W8/18,G01D4/02

classification (31) Priority Document No :61/249.786

(32) Priority Date :08/10/2009 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2010/001626

No :08/10/2010 Filing Date

(87) International Publication

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

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

:WO 2011/041913 A1

Filing Date (57) Abstract:

(71)Name of Applicant:

1) CONNECTIF SOLUTIONS INC.

Address of Applicant: 740 RUE NOTRE-DAME OUEST, BUREAU 1575, MONTREAL, QUEBEC, H3C 3X6 Canada

(72)Name of Inventor: 1) CHEVRETTE, GUY

2) DESROCHERS, JEAN-CEDRIC

3)DUCHESNE, YANICK

A wireless monitoring system comprises a remote asset about which data is to be collected and a wireless data- transfer device connected to the remote asset. The wireless device includes a radiofrequency transceiver and a chip having a memory for storing a plurality of subscriber identifiers corresponding to different wireless networks and for further storing logic that constitutes network selection rules for selecting one of the wireless networks to use for transmission of the data. In a GSM/UMTS implementation of this technology, the subscriber identifier is the IMSI and the chip is a Subscriber Identity Module (SIM) chip or card. By using multiple IMSI s, the wireless data-transfer device connected to the remote asset may switch seamlessly between wireless networks. A new MSI (for a new network) may be provisioned over the air to enable the device to communicate over a new network for which it did not previously have an IMSI.

No. of Pages: 35 No. of Claims: 26

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTROLLING RESOURCE ACCESS BASED ON RESOURCE PROPERTIES

		(71)Name of Applicant :
(51) International classification	:G06F9/44,G06F17/00	1)MICROSOFT CORPORATION
(31) Priority Document No	:12/622,441	Address of Applicant :ONE MICROSOFT WAY,
(32) Priority Date	:20/11/2009	REDMOND, WASHINGTON 98052-6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/054722	1)BEN-ZVI, NIR
Filing Date	:29/10/2010	2)PERUMAL, RAJA, PAZHANIVEL
(87) International Publication No	:WO 2011/062743 A3	3)SAMUELSSON, ANDERS
(61) Patent of Addition to Application	:NA	4)HAMBLIN, JEFFREY, B.
Number	:NA	5)KALACH, RAN
Filing Date	.IVA	6)LI, ZIQUAN
(62) Divisional to Application Number	:NA	7)WOLLNIK, MATTHIAS, H.
Filing Date	:NA	8)LAW, CLYDE
		9)OLTEAN, PAUL, ADRIAN

(57) Abstract:

Described is a technology by which access to a resource is determined by evaluating a resource label of the resource against a user claim of an access request, according to policy decoupled from the resource. The resource may be a file, and the resource label may be obtained by classifying the file into classification properties, such that a change to the file may change its resource label, thereby changing which users have access to the file. The resource label-based access evaluation may be logically combined with a conventional ACL-based access evaluation to determine whether to grant or deny access to the resource.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONFIGURABLE CONNECTOR FOR SYSTEM-LEVEL COMMUNICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/11/2010 :WO 2011/066334 A3 :NA :NA :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)TANTOS, ANDRAS 2)CARPENTER, TODD L.
Filing Date	:NA	

(57) Abstract:

A host device comprises a controller and connector. The host connector comprises fixed-function and multi-function pins. A first group of host connector pins comprises one or more of the fixed-function pins and a second group of pins comprises the remainder of fixed-function pins and multi-function pins. The host connector can be releasably attached to a connector of an accessory device. The first group of host connector pins can be used to discover the functions of the accessory connector. The host device can select functions to be enabled at the host and accessory connectors from among functions mutually supported by the two connectors. The host can enable the selected functions at the host connector and can instruct the accessory to enable the selected functions at the accessory connector. The host can reconfigure host connector functions in response to a different accessory being attached to the host.

No. of Pages: 53 No. of Claims: 10

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR DISPLAYING INSTANT MESSAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/04/2010 :WO 2011/060633 A1 :NA :NA	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant: ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN CITY 518 044, GUANGDONG PROVINCE China (72)Name of Inventor: 1)WU, YUNSHENG 2)HUANG, HUI 3)CHEN, JIAN
(62) Divisional to Application Number Filing Date	:NA :NA	3)CHEN, JIAN

(57) Abstract:

The present invention discloses a method and device for displaying an instant message. The method includes that: an instant messenger detects that a player is in a full-screen playing state; the instant messager sends prompt information of a new instant message to the player when receiving the new instant message; when rec eiving the prompt information, the player displays the prompt information on a full-screen playing interface, so as to prompt, in the full-screen playing state, a user of the instant messenger to perform a message receiving operation or a message sending operation; the player communicates with the instant messenger according to an operation of the user to perform instant message transfer, and controls playing of a video according to the operation of the user and a preset playing policy. By the embodiments of the present invention, instant messages can be received and sent in the full-screen playing state, so as to improve user experiences.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR WORD QUALITY MINING AND EVALUATING

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:200910237185.7	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:10/11/2009	LIMITED
(33) Name of priority country	:China	Address of Applicant :ROOM 403, EAST BLOCK 2, SEG
(86) International Application No	:PCT/CN2010/074597	PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN
Filing Date	:28/06/2010	CITY 518044, GUANGDONG PROVINCE China
(87) International Publication No	:WO 2011/057497 A1	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LIU, HUAIJUN
Number	*- *-	2)JIANG, ZHONGBO
Filing Date	:NA	3)FANG, GAOLIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and an apparatus for word quality mining and evaluating are disclosed. The method includes: calculating a Document Frequency (DF) of a word in mass categorized data; evaluating the word in multiple single-aspects according to the DF of the word; and evaluating the word in multiple aspects according to the multiple single aspect evaluations to obtain an importance weight of the word. According to the solution of the present invention, the importance of the word in the mass categorized data may be evaluated, and words with high quality may be obtained through an integrated evaluation.

No. of Pages: 30 No. of Claims: 16

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CATENAE: SEROSAL CANCER STEM CELLS

(51) International (71)Name of Applicant: :C12N5/0797,C12N15/12,C12Q1/68 classification 1)SLOAN KETTERING INSTITUTE FOR CANCER (31) Priority Document No :61/258.570 RESEARCH (32) Priority Date :05/11/2009 Address of Applicant: 1275 YORK AVENUE, NEW YORK, (33) Name of priority country:U.S.A. NEW YORK-10065 U.S.A. (86) International (72)Name of Inventor: :PCT/US2010/055538 Application No 1)MOORE, MALCOLM A.S. :05/11/2010 Filing Date 2) ERTEM, SERVER A. (87) International Publication :WO 2011/057034 A3 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract:

The present invention relates to a clonally pure population of serosal cancer stem cells (CSCs) as well as methods of producing and culturing the CSCs and uses thereof. The CSCs form catenae (free floating chains of cells) which have a glycocalyx coat of hyaluronan and proteoglycans. This discovery has lead to the development of methods of treating serosal and ovarian cancers by targeting removal or inhibition of glycocalyx formation, including combination therapies using chemotherapeutics in conjunction with glycocalyx inhibitors. The invention also provides drug screening assays for identifying compounds effective against these CSCs as well as other serosal cancer cells. Methods to use catena gene signatures, protein and surface antigens are provided for monitoring patient samples for the presence of serosal cancer stem cells.

No. of Pages: 128 No. of Claims: 81

(22) Date of filing of Application :09/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MANUFACTURING A COMPOSITE SHEET

(51) International classification: A61F13/15, A61F13/49, B32B3/24 (71) Name of Applicant:

(31) Priority Document No :2009-270634 (32) Priority Date :27/11/2009

(33) Name of priority country :Japan

(86) International Application :PCT/JP2010/070449 No

:17/11/2010 Filing Date

(87) International Publication

:WO 2011/065264 A1

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

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

1)UNI-CHARM CORPORATION

Address of Applicant: 182. KINSEICHOSHIMOBUN.

SHIKOKUCHUO-SHI, EHIME 799-0111 Japan

(72)Name of Inventor: 1)NAKAMURA, TAISHI 2)ISHIKAWA, SHINICHI 3)SHIOMI, AKIHISA 4)OKUDA, JUN

(57) Abstract:

A method of manufacturing a stretchable composite sheet, by setting a plurality of nip areas arranged along a transport direction of a first continuous sheet, the first continuous sheet being transported while being sandwiched between rotating rolls in the nip areas, and by passing through the nip areas, as the first continuous sheet, a sheet in which stretchability is developed in the transport direction by being extended in the transport direction, including: extending the first continuous sheet in the transport direction, while transporting the first continuous sheet from a first nip area to a second nip area, the first continuous sheet being either a sheet in which stretchability has already been developed or a sheet in which stretchability has yet to be developed; forming an opening in the first continuous sheet intermittently in the transport direction, while transporting the first continuous sheet from the second nip area to a third nip area, the first continuous sheet being in a state of having been extended in the extending; and adhering in an overlapping manner a second continuous sheet having a lower stretchability than the first continuous sheet to the first continuous sheet, in the third nip area.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : DECODING OF MULTICHANNEL AUDIO ENCODED BIT STREAMS USING ADAPTIVE HYBRID TRANSFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/267,422 :07/12/2009 :U.S.A. :PCT/US2010/054480 :28/10/2010	(71)Name of Applicant: 1)DOLBY LABORATORIES LICENSING CORPORATION Address of Applicant:100 POTRETO AVENUE, SAN FRANCISCO, SAN FRANCISCO, CALIFORNIA 94103-4813 U.S.A. (72)Name of Inventor: 1)RAMAMOORTHY, KAMALANATHAN
	:NA :NA :NA	

(57) Abstract:

The processing efficiency of a process used to decode frames of an enhanced AC-3 bit stream is improved by processing each audio block in a frame only once. Audio blocks of encoded data are decoded in block order rather than in channel order. Exemplary decoding processes for enhanced bit stream coding features such as adaptive hybrid transform processing and spectral extension are disclosed.

No. of Pages: 38 No. of Claims: 10

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR CLEANING THE INSIDE OF THE BARREL OF A FIREARM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F41A29/02 :20 2009 014 279.5 :21/10/2009 :Germany :PCT/EP2010/006276 :14/10/2010 :WO 2011/047800 A1 :NA :NA	(71)Name of Applicant: 1)NIEBLING TECHNICHE BURSTEN GMBH Address of Applicant: INDUSTRIESTRASSE 12, 91593 BURGBERNHEIM Germany (72)Name of Inventor: 1)NIEBLING, HANS
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The device according to the invention for cleaning the inside of the barrel of a firearm consists of a pulling element (A) and a cleaning element (B) connected thereto. In this case, the cleaning element (B) has a first wetting and cleaning unit (B1), particularly for precleaning the barrel, a wiping unit (B2) and a second wetting and cleaning unit (B3), particularly for preserving the barrel. The device according to the invention has many advantages. The advantageous construction of the device means that only little expenditure of force is required during use, and so it can be pulled through the barrel of a firearm quickly in one go without stopping to put it down. The arrangement according to the invention, comprising a first wetting and cleaning unit, particularly for precleaning purposes, and a second wetting and cleaning unit, particularly for preserving purposes, with a wiping unit arranged in between, allows effective, and especially benign, cleaning of a barrel to be achieved even without the use of brushes.

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

(21) Application No.4027/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: JOINT UPLINK DATA PROCESSING BY PLURAL BASE STATIONS

(51) International :H04W28/08,H04W28/04,H04W88/08

classification (31) Priority Document No :61/252.240

(32) Priority Date :16/10/2009 (33) Name of priority :U.S.A.

country

(86) International :PCT/IB2010/002614 Application No

:13/10/2010 Filing Date

(87) International :WO 2011/045658 A1 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)NORTELNETWORKS LIMITED

Address of Applicant: 2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada

(72)Name of Inventor: 1)MANN,KARL, D.

2)YU, PING

3)LONG, JIANGUO

4)BRINKHURST, DONALD

5)MAH, ROGER

(57) Abstract:

Filing Date

Joint uplink processing by plural base stations includes sending, by a serving base station, a request for uplink re-sources of a second base station for receiving uplink data of a mobile station. The serving base station receives first uplink data from the mobile station, and the serving base station further receives (from the second base station) second uplink data of the mobile station received by the second base station using the uplink resources specified by the request.

No. of Pages: 26 No. of Claims: 23

(21) Application No.4120/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SURFACE COATING SYSTEM AND METHOD

(51) International classification	:B32B27/08,B32B27/18,B32B 27/40	(71)Name of Applicant: 1)DIVERSEY, INC.
(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No		Address of Applicant :8310 16TH STREET, M/S 509, STURTEVANT, WI 53177-0902 U.S.A. (72)Name of Inventor: 1)CYPCAR, CHRISTOPHER, C.
Filing Date (87) International Publication No	:24/11/2010 :WO 2011/066413 A3	2)JANS, JOSEF
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Coating systems for a surface (such as a floor) including a peelabie layer composition including a peelabie layer film former, and a maintenance layer composition including a maintenance layer film former having a first Tg from about -100°C to about 20°C. Methods of coating a surface are also provided. One method may include applying a peelabie layer composition including a peelabie layer film former to form a peelabie layer having a tensile strength that is greater than an adhesive strength, and applying a maintenance layer composition including a maintenance layer film former including a self- crosslinking polyurethane, a polyurethane copolymer, or a combination thereof.

No. of Pages: 49 No. of Claims: 50

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SBR BITSTREAM PARAMETER DOWNMIX

:G10L19/00,G10L21/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DOLBY INTERNATIONAL AB :61/286,912 (32) Priority Date :16/12/2009 Address of Applicant : APOLLO BUILDING, 3E. (33) Name of priority country HERIKERBERGWEG 1-35, NL-1101 CN AMSTERDAM :U.S.A. (86) International Application No :PCT/EP2010/069651 ZUIDOOST Netherlands (72)Name of Inventor: Filing Date :14/12/2010 (87) International Publication No :WO 2011/073201 A3 1)KJOERLING, KRISTOFER (61) Patent of Addition to Application 2) THESING, ROBIN $\cdot NA$:NA Filing Date

(57) Abstract:

Filing Date

The present document relates to audio decoding and/or audio transcoding. In particular, the present document relates to a scheme for efficiently decoding a number M of audio channels from a bitstream comprising a higher number N of audio channels. In this context a method and system for merging a first and a second source set of spectral band replication (SBR) parameters to a target set of SBR parameters is described. The first and ascend source set comprise a first and ascend frequency band partitioning, represtively, which

and second value to yield the target energy related value for the elementary frequency band.

:NA

:NA

parameters is described. The first and second source set comprise a first and second frequency band partitioning, respectively, which are different from one another. The first source set comprises a first set of energy related values associated with frequency bands of the first frequency band partitioning. The second source set comprises a second set of energy related values associated with frequency bands of the second frequency band partitioning. The target set comprises a target energy related value associated with an elementary frequency band. The method comprises the steps of breaking up the first and the second frequency band partitioning into a joint grid comprising the elementary frequency band; assigning a first value of the first set of energy related values to the elementary frequency band; assigning a second value of the second set of energy related values to the elementary frequency band; and combining the first

No. of Pages: 59 No. of Claims: 36

(62) Divisional to Application Number

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: INFRARED VISION WITH LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/1335,G02F1/13357 (71)Name of Applicant :

(31) Priority Document No :12/620,483 (32) Priority Date :17/11/2009 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/055175

Filing Date :02/11/2010

(87) International Publication No :WO 2011/062756 A3

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

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY. REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor: 1)POWELL, KARLTON 2)LIU, ZHIQIANG

3)MASALKAR, PRAFULLA

(57) Abstract:

Various embodiments related to infrared vision for a liquid crystal display (LCD) device are disclosed herein. For example, one disclosed embodiment provides a display system, comprising an LCD device and a display backlight configured to illuminate the LCD device by directing visible light toward an interior surface of the LCD device. The display system further comprises a wavelengthselective reflector disposed between the display backlight and the LCD device and having a smooth surface facing the interior surface of the LCD device, where the wavelength-selective reflector has a wavelength-selective coating configured to cause incident visible light from the display backlight to be transmitted through the wavelength-selective reflector to the LCD device, and cause incident infrared light reflected from an object on or near an exterior surface of the LCD device to be reflected off of the wavelength-selective reflector and directed to an infrared vision subsystem.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLEXIBLE SIZE AND ORIENTATION BATTERY SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:16/11/2010 :WO 2011/062878 A3	(71)Name of Applicant: 1)MICROSOFT CORPORATION Address of Applicant: ONE MICRIOSFT WAY, REDMOND, WASHINGTON 98052-6399 U.S.A. (72)Name of Inventor: 1)LARSEN, GLKEN, C.
• •	:PCT/US2010/056765	
` /	:WO 2011/062878 A3	
` '	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A battery receptacle system is provided to accept various types or sizes of batteries in different orientations. The battery receptacle system includes a first radial notch for positioning a first positive terminal of a first battery to electrically connect with the first positive contact at a first position, and a second radial notch for positioning a second positive terminal of a second battery of a different size and/or type than the first battery to electrically connect with the first positive contact at a second position, different from the first position. The second radial notch is configured to prevent the first positive terminal of the first battery from electrically connecting with the first positive contact at the second position.

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

(22) Date of filing of Application :06/02/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM FOR PREVENTING ERROR FUELLING IN VEHICLES AND A METHOD THEREOF

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUNINANJAPPA Girish Reddy Gunjur
(32) Priority Date	:NA	Address of Applicant :#71 Gunjur Varthur Bangalore 560
(33) Name of priority country	:NA	087 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUNINANJAPPA Girish Reddy Gunjur
(87) 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 fuel dispensing system and method thereof. More particularly, present invention relates to a system for preventing error fuelling in vehicles by preventing insertion of a foreign delivery nozzle into fuel tank and a method thereof. The invention provides means for use in fuel delivery nozzle and fuel tanks of vehicles to prevent error fuelling in tanks. It comprises a first component fixed around any conventional fuel delivery nozzle forming an integral part thereof; a second component fixed to a filler neck of a conventional fuel tank of the vehicle having a partially or fully openable lid, wherein said first component and second component complementarily co-operates with each other thereby restricting insertion of a foreign nozzle.

No. of Pages: 31 No. of Claims: 13

(22) Date of filing of Application :08/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD OF AVOIDING CONTROL CHANNEL BLOCKING

(51) International :H04W48/12,H04W74/02,H04W88/02 classification

(31) Priority Document No :61/287.700 (32) Priority Date :17/12/2009

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

(86) International

:PCT/KR2010/009076 Application No

:17/12/2010 Filing Date

(87) International

:WO 2011/074914 A3 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant: 1)LG ELECTRONICS INC.

Address of Applicant :20 YEOUIDO-DONG.

YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea

(72)Name of Inventor: 1)YANG, SUCK CHEL 2)KIM, MIN GYU 3)AHN, JOON KUI 4)SEO, DONG YOUN

(57) Abstract:

Filing Date

The present invention is directed to a wireless communication system. In particular, the present invention is directed to a method of processing a control channel at a user equipment in a wireless (Communication system using multiple carriers, the method comprising: receiving a plurality of search spaces, wherein each search space comprises a plurality of control channel candidates and each search space is corresponding to respective carrier, and monitoring the control channel candidates for the control channel, wherein if the control channel candidates have a common information size over two or more search spaces, the control channel can be received via any one of the two or more the search spaces, and an apparatus therefore.

No. of Pages: 71 No. of Claims: 36

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR TERTIARY MINERAL OIL PRODUCTION USING SURFACTANT MIXTURES

(51) International classification	:C09K8/584,B01F17/00	(71)Name of Applicant:
(31) Priority Document No	:09173027.5	1)BASF SE
(32) Priority Date	:14/10/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065154	1)BITTNER, CHRISTIAN
Filing Date	:11/10/2010	2)OETTER, GUNTER
(87) International Publication No	:WO 2011/045254 A1	3)TINSLEY, JACK
(61) Patent of Addition to Application	:NA	4)SPINDLER, CHRISTIAN
Number	:NA	5)ALVAREZ JURGENSON, GABRIELA
Filing Date	.IVA	6)VOGEL, SOPHIE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for mineral oil production, especially Winsor type III microemulsion flooding, in which an aqueous surfactant formulation which comprises at least one alkylpolyalkoxysulfate comprising propoxy groups, and at least one further surfactant differing therefrom is used, is forced through injection wells into a mineral oil deposit and crude oil is removed from the deposit through production wells. The alkylpolyalkoxysulfate comprising propoxy groups is prepared in this case by sulfating an alkoxylated alcohol, the alkoxylated alcohol being prepared by alkoxylating an alcohol using double metal cyanide catalysts or double hydroxide clays.

No. of Pages: 21 No. of Claims: 12

(21) Application No.4077/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: AN AXIAL FAN AND A METHOD OF MANUFACTURING A BLOWER PIPE THEREFOR

(51) International :F04D29/02,F04D29/52,F04D29/54 classification

(31) Priority Document No

:PA 2009 01118 (32) Priority Date :13/10/2009 (33) Name of priority country: Denmark

(86) International Application :PCT/DK2010/050265

:13/10/2010 Filing Date

(87) International Publication :WO 2011/044909 A1

No (61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)NOVENCO A/S

Address of Applicant :INDUSTRIVEJ 22, DK-4700,

NAESTVED Denmark (72)Name of Inventor:

1)KAMPF, LARS, VERNER

(57) Abstract:

An axial fan comprising an essentially circular-cylindrical blower pipe configured about a centre axis and comprising one or more plates that are bent and subsequently joined at opposing plate rims for forming the circular-cylindrical blower pipe; and wherein the circular-cylindrical blower pipe has two opposing ends; wherein the blower pipe is, at both its ends, bent outwards essentially at right angles to the outside of the blower pipe for forming a mounting flange. The blower pipe comprises a rust resistant metal plate or a steel plate which is coated with a rust-resistant material at least on the outside and the inside of the blower pipe; and in that the plate rims are joined in a rim-by-rim manner, without overlap by soldering or welding with a rust-resistant filler material.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR OPERATING AT LEAST ONE ULTRASONIC TRANSDUCER

(51) International classification	:G01S7/524	(71)Name of Applicant:
(31) Priority Document No	:10 2009 046 561.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:09/11/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART Germany
(86) International Application No	:PCT/EP2010/063962	(72)Name of Inventor:
Filing Date	:22/09/2010	1)HUEFTLE, GERHARD
(87) International Publication No	:WO 2011/054597	2)DAECKE, DIRK
	A1	3)OPITZ, BERNHARD
(61) Patent of Addition to Application	:NA	4)HORSTBRINK, MICHAEL
Number	:NA	5)LANG, TOBIAS
Filing Date	.11/1	6)KIESER, RALF
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for operating at least one ultrasonic transducer (116; 144, 146) is proposed. An excitation frequency is used to excite the ultrasonic transducer (116; 144, 146) to emit ultrasonic waves. At least one received signal (156) is detected by at least one control sensor (152). Emission is regulated to at least one desired frequency using the received signal (156).

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

(21) Application No.4079/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: N-7 SUBSTITUTED PURINE AND PYRAZOLOPYRIMIDINE COMPOUNDS, COMPOSITIONS AND METHODS OF USE

(51) International :C07D473/34,A61K31/519,A61K31/52

classification

(31) Priority Document No:61/260,628 (32) Priority Date :12/11/2009 (33) Name of priority

:U.S.A. country

(86) International Application No

:PCT/EP2010/067159 :10/11/2010

Filing Date

(87) International :WO 2011/058025 A1

Publication No (61) Patent of Addition to

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

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant: 124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland

(72)Name of Inventor:

1)LYSSIKATOS, JOSEPH, P.

2)PEI, ZHONGHUA

3)ROBARGE, KIRK, D. 4)LEE, WENDY, M.

(57) Abstract:

The present invention relates to compounds of Formula I: wherein R1, R2 R3 A1, A2 A3 A4 Y1 and Y2 and D have the meaning described herein. The present invention also relates to pharmaceutical compositions comprising such compounds and therapeutic uses thereof.

No. of Pages: 94 No. of Claims: 37

(21) Application No.5031/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR MIXING MICROPHONE SIGNALS OF AN AUDIO RECORDING WITH A PLURALITY OF MICROPHONES

(51) International classification :H04S3/00,G10L19/00 (71)Name of Applicant : (31) Priority Document No 1)INSTITUT FUR RUNDFUNKTECHNIK GMBH :10 2009 052 992.6 (32) Priority Date Address of Applicant: FLORIANSMUHLSTRASSE 60 80939 :12/11/2009 (33) Name of priority country MUNCHEN Germany :Germany (86) International Application No :PCT/EP2010/066657 (72)Name of Inventor: Filing Date :02/11/2010 1)GROH, JENS (87) International Publication No :WO 2011/057922 A1 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In order to compensate tonal changes arising from a multi-path propagation of sound portions during the mixing of multi microphone audio recordings as far as possible it is suggested to form spectral values of respectively overlapping time frames of samples of each a first microphone signal (100) and a second microphone signal (101). The spectral values (300) of the first microphone signal (100) are distributed with formation of spectral values (311) of a first sum signal to the spectral values (301) of a second microphone signal (101) in a first summing level (310), whereat a dynamic correction of the spectral values (300, 301) of one of the two microphone signals (100, 101) occurs. Spectral values (399) of a result signal are formed out of the spectral values (311) of the first sum signal which are subject to an inverse Fourier-transformation and a block junction .

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

(21) Application No.4082/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: FLAME RETARDANT HYDRAULIC OIL COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C10M169/07 :2009-258668 :12/11/2009 :Japan	(71)Name of Applicant: 1)JX NIPPON OIL & ENERGY CORPORATION Address of Applicant: 6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8162 Japan
(86) International Application No Filing Date (87) International Publication No	1	(72)Name of Inventor: 1)MITSUMOTO, SHINICHI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The present invention provides a flame retardant hydraulic oil composition which has sufficient antioxidation properties and excellent zinc elution suppressing properties and antiwear properties, can respond to the increase in pressure and the trend of maintenance-free in recent hydraulic system and also has a long working life. The oil composition comprises (A) at least one type of base oil selected from the group consisting of synthetic esters and fats, containing 20 percent by mole or more of an unsaturated fatty acid in the fatty acid constituting the ester and having an acid value of 1.0 mgKOH/g or less and (B) an alkylthiadiazole in an amount of 0.001 to 1.0 percent bymass on the basis of the total mass of the composition and preferably further. (C) bis (4-dialkylaminophenyl)methane in an amount of 0.001 to 5.0 percent by mass on the basis of the total mass of the composition and/or (D) at least one type of triazole compound selected from the group consisting of triazole derivatives, benzotriazole derivatives and tolutriazole derivatives in an amount of 0.0001 to 1.0 percent by mass on the basis of the total mass of the composition.

No. of Pages: 45 No. of Claims: 3

(21) Application No.4083/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MANAGEMENT OF TAGS RELATING TO SHARED MULTIMEDIA OBJECTS IN A TELECOMMUNICATIONS NETWORK

:G06F17/30,G06Q30/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ALCATEL LUCENT :0957449 (32) Priority Date :23/10/2009 Address of Applicant: 3 AVENUE OCTAVE GREARD, (33) Name of priority country 75007 PARIS France :France (86) International Application No :PCT/EP2010/065824 (72)Name of Inventor: Filing Date :20/10/2010 1)HAKIM HACID (87) International Publication No :WO 2011/048157 A1 2) JOHANN STAN (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

To manage at least one user tag (EtU) which is associated with a multimedia object (ObM) held by a user and stored in memory on an application server (SA), the user tag being liable to be accessed by at least one other user through a telecommunications network (RT), the application server (SA) semantically analysing the user tag (EtU) to determine a structured set (VoS) of confidentiality tags (EtC). When another user accesses the user tag (EtU), the application server determines the social category of the other user in relation to the user and selects a confidentiality tag (EtC) from the structured set (VoS) relating to the user tag (EtU) based on the determined social category. The selected confidentiality tag (EtC) is sent to the other user.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF MAKING A PNEUMATIC INNERLINER

:NA

:NA

(51) International classification: B29D30/00,B29B13/02,B60C1/00 (71) Name of Applicant: (31) Priority Document No :61/262,594 1) EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant: 5200 BAYWAY DRIVE, BAYTOWN, (32) Priority Date :19/11/2009 (33) Name of priority country: U.S.A. TX 77522-2149 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2010/053502 1)PORTER C. SHANNON :21/10/2010 Filing Date 2)JAY K. KEUNG (87) International Publication :WO 2011/062724 A1 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

This disclosure is directed to a method of preparing a continuous elastomeric length for a pneumatic innerliner comprising providing a continuous elastomeric length comprising a plasticizer and an elastomer; heating the continuous elastomeric length for a residence time at a temperature no higher than 15°C above the flash point of the plasticizer; and cooling the length to form a heat-treated continuous elastomeric length having a level of plasticizer less than the level of plasticizer in the continuous elastomeric length. In certain embodiments, the heat-treated continuous elastomeric length or laminate comprising the heat-treated continuous length can be first cut to form a pneumatic innerliner unit, and splicing the pneumatic innerliner unit to itself to form a pneumatic innerliner. The heat-treated continuous elastomeric length or laminate comprising the heat-treated continuous length can be cut into the form of a sleeve to form a pneumatic innerliner sleeve, and the sleeve incorporated into a tire.

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

(21) Application No.5040/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTIBODIES BINDING PREFERENTIALLY HUMAN CSF1R EXTRA CELLULAR DOMAIN 4 AND THEIR USE

(51) International :C07K16/28,A61P35/00,A61P37/00

classification

(31) Priority Document No :09015310.7 (32) Priority Date :10/12/2009 (33) Name of priority country: EPO

(86) International Application :PCT/EP2010/069090

No :07/12/2010 Filing Date

(87) International Publication :WO 2011/070024 A1

(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)F. HOFFMANN-LA ROCHE AG

Address of Applicant: 124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland (72)Name of Inventor:

1)DIMOUDIS, NIKOLAOS

2)FERTIG, GEORG

3)FIDLER, ALEXANDER

4)KALUZA, KLAUS

5)LANZENDOERFER, MARTIN

6)PICKL, MARLENE 7) RIES, CAROLA 8) SEEBER, STEFAN

(57) Abstract:

The present invention relates to antibodies against human CSF-IR (anti-CSF-IR antibody), methods for their production, pharmaceutical compositions containing said antibodies, and uses thereof.

No. of Pages: 132 No. of Claims: 27

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR RECOGNIZING FAULTS IN A PHOTOVOLTAIC SYSTEM

(51) International classification :G01R31/26,H01L31/02 (71)Name of Applicant : (31) Priority Document No 1)FRONIUS INTERNATIONAL GMBH :A 1600/2009 (32) Priority Date Address of Applicant: VORCHDORFER STRAE 40, A-4643 :09/10/2009 (33) Name of priority country PETTENBACH Austria :Austria (86) International Application No (72)Name of Inventor: :PCT/AT2010/000382 Filing Date :11/10/2010 1)AMMER, MICHAEL (87) International Publication No :WO 2011/041819 A2 2)MUHLBERGER, THOMAS 3)PROTSCH, ROLADN (61) Patent of Addition to Application :NA 4)ZWIRCHMAYR, YVONNE :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method and a device for recognizing faults in a photovoltaic system (1). A first output voltage (UO, UMPP) of the system (1) and/or a first parameter derived from said output voltage (UO, UMPP) is determined at a first point in time in a first operating state of the photovoltaic system (1). At a second point in time in a second operating state comparable to the first operating state, a second output voltage (UO, UMPP) and/or a second parameter of the system (1) derived from said output voltage (UO, UMPP) is determined. Finally, a deviation between the first and the second output voltage (UO, UMPP) and/or between the first and the second parameter is identified and a fault notification is output if the deviation exceeds a predeterminable threshold.

No. of Pages: 34 No. of Claims: 24

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR THE RESOLUTION OF OMEPRAZOLE

		(71)Name of Applicant :
(51) International classification	:C07D401/12	1)HETERO RESEARCH FOUNDATION
(31) Priority Document No	:NA	Address of Applicant :INDIAN COMPANY HAVING ITS
(32) Priority Date	:NA	REGISTERED OFFICE AT HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:PCT/IN2009/000634	SANATH NAGAR, HYDERABAD -500 018 Andhra Pradesh
Filing Date	:12/11/2009	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)PARTHASARADHI REDDY, BANDI
Number	:NA	2)RATHNAKAR REDDY, KURA
Filing Date	.IVA	3)RAJI REDDY, RAPOLU
(62) Divisional to Application Number	:NA	4)MURALIDHARA REDDY, DASARI
Filing Date	:NA	5)VAMSI KRISHNA, BANDI
		6)RAMESH REDDY, VOGGU

(57) Abstract:

The present invention relates to process for the resolution of omeprazole. The present invention further provides a novel compound of enantiomers of omeprazole cyclic amine salt and a process for preparing it. The present invention also provides a solid of (R)- or (S)-omeprazole cyclic amine salt and a process for preparing it. The present invention also provides a process for the preparation of esomeprazole magnesium dihydrate substantially free of its trihydrate form. The present invention also provides a process for the preparation of recovery of chiral BINOL.

No. of Pages: 25 No. of Claims: 45

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYMORPHS OF DARUNAVIR

		(71)Name of Applicant :
(51) International classification	:C07D493/04	1)HETERO RESEARCH FOUNDATION
(31) Priority Document No	:NA	Address of Applicant :INDIAN COMPANY HAVING ITS
(32) Priority Date	:NA	REGISTERED OFFICE AT HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:PCT/IN2009/000724	SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
Filing Date	:16/12/2009	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)PARTHASARADHI REDDY, BANDI
Number	:NA	2)RATHNAKAR REDDY, KURA
Filing Date	.INA	3)MURALIDHARA REDDY, DASARI
(62) Divisional to Application Number	:NA	4)RAJI REDDY RAPOLU
Filing Date	:NA	5)SUBASH CHANDER REDDY, KESIREDDY
		6)VAMSI KRISHNA, BANDI

(57) Abstract:

The present invention provides novel solvated forms of darunavir and processes for there preparation. The present invention also provides novel process for preparation of darunavir amorphous form and pharmaceutical composition comprising it. Thus, for example, darunavir 2-methyl-2-butanol solvate was dissolved in methylene dichloride, distilled under vacuum at 45°C to obtain a residue, cyclohexane was added to the residue and stirred for 30 hours at 20 to 25°C, and the separated solid was filtered, washed with cyclohexane and dried under vacuum at 50°C for 12 hours to yield darunavir amorphous form.

No. of Pages: 14 No. of Claims: 15

:NA

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPARATUS FOR TREATING A PLATE-LIKE MEMBER AND METHOD OF TREATING THE SAME

:B24C3/12,B24C1/08,B24C3/08 (71)Name of Applicant : (51) International classification (31) Priority Document No :2010-128542 1)SINTOKOGIO, LTD. (32) Priority Date Address of Applicant: 28-12, MEIEKI 3-CHOME, :04/06/2010 (33) Name of priority country NAKAMURA-KU, NAGOYA-SHI, AICHI 4500002 Japan :Japan (86) International Application No: PCT/JP2011/003167 (72)Name of Inventor: Filing Date :06/06/2011 1)HIBINO, KAZUMICHI (87) International Publication No :WO 2011/152073 A1 2)SUZUKI, YUKINORI (61) Patent of Addition to 3)MAEDA, KAZUYOSHI :NA Application Number 4)SHIBUYA, NORIHITO :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The present invention provides an apparatus for removing the unnecessary thin-film layer on the periphery of the substrate of the plate-like member having a square shape, on the surface of which substrate is formed a thin- film layer. The apparatus comprises a chamber to treat the peripheral part where die peripheral part of the plate-like member is inserted and where the unnecessary thin-film layer on the peripheral part of the plate-like member is removed; and a means to move the plate-like member. The chamber to treat the peripheral part comprises a cover to prevent the scattering of die sprayed particles and me dust for treating the peripheral pari, the cover having one of its end-sides that forms a ceiling being closed and having the other end-side that is opposed to the ceiling being open and a suctioning cover for treating the peripheral part, having an opening that has the same shape as the opening of the cover to prevent the scattering of me dust, hi the chamber to treat the peripheral part, a blasting nozzle for spraying particles for treating the peripheral part is disposed on the cover to prevent the scattering of the dust, so that the mouth of the blasting nozzle is covered by the wall of the cover to prevent the scattering of the sprayed particles and the dust.

No. of Pages: 59 No. of Claims: 30

(21) Application No.3984/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: STORYTELLING GAME

(51) International classification	:A63F3/00	(71)Name of Applicant:
(31) Priority Document No	:61/257,864	1)GRINOLD, ITZHAK
(32) Priority Date	:04/11/2009	Address of Applicant :102 UZIEL STREET, BAYIT
(33) Name of priority country	:U.S.A.	VAGAN, JERUSALEM-96431 Israel
(86) International Application No	:PCT/IB2010/051002	(72)Name of Inventor:
Filing Date	:09/03/2010	1)GRINOLD, ITZHAK
(87) International Publication No	:WO 2011/055235	
(67) International Laboration (87)	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A game is provided including an attractive cardboard, with folding borders dividing the attractive cardboard into several mutually alignable portions and removable play pieces attractable to the attractive cardboard and to each other. The attractive cardboard is folded and placed on a substantially horizontal plane such that mutually alignable portions are vertically disposed. The removable play pieces are placed on the vertical portions without falling. The attractive cardboard may include magnets, Velcro or glue. The folding borders divide the cardboard into three portions disposable on a substantially horizontal plane as a room having two adjacent walls and a floor in between. The game may also include a booklet having a plurality of scenarios to be reproduced on the cardboard using the removable play pieces. The game may be implemented as a computerized game over a variety of mobile devices of a personal computer.

No. of Pages: 18 No. of Claims: 19

(21) Application No.3985/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LOADING DEVICE

(51) International classification	:F27B1/20,F27D3/10	(71)Name of Applicant:
(31) Priority Document No	:2009-234957	1)NIPPON STEEL ENGINEERING CO., LTD.
(32) Priority Date	:09/10/2009	Address of Applicant :OSAKI CENTER BUILDING, 1-5-1,
(33) Name of priority country	:Japan	OSAKI, SHINAGAWA-KU, TOKYO-141-8604 Japan
(86) International Application No	:PCT/JP2010/067718	(72)Name of Inventor:
Filing Date	:08/10/2010	1)TOMISAKI, SHIN
(87) International Publication No	:WO 2011/043454	
(87) International Lubilication 140	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A charging device capable of moving a distribution chute with a simple structure and easy control is provided. The charging device includes: a frame (3); a rotation axis (Dl) set in the frame; a rotor (4) supported by the frame and being rotatable around the rotation axis; an adjustment axis (D2) set in the rotor and intersecting with the rotation axis at a first angle (Al); a holder (5) supported by the rotor and being rotatable around the adjustment axis; a distribution chute (6) fixed to the holder and extending in a direction intersecting with the adjustment axis at a second angle (A2); a rotation drive motor (70) fixed to the frame and rotating the rotor against the frame; a transmission-side bevel gear (82) supported by the frame and being rotatable around the rotation axis; a holderside bevel gear (81) fixed to the holder and being meshed with the transmission-side bevel gear; and an adjustment drive motor (80) fixed to the frame and rotating the holder against the rotor by rotating the transmission-side bevel gear.

No. of Pages: 42 No. of Claims: 3

(21) Application No.3986/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09J163/00 :61/258,280 :05/11/2009 :U.S.A. :PCT/US2010/052136 :11/10/2010 :WO 2011/056357 A1 :NA :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN 48674 U.S.A. (72)Name of Inventor: 1)LUTZ, ANDREAS 2)SCHNEIDER, DANIEL
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(57) Abstract:

Structural adhesives are prepared from an elastomeric toughener that contains urethane and/or urea groups, and have terminal isocyanate groups that are capped with ketoxime compound. The adhesives have very good storage stability and cure to form cured adhesives that have good lap shear and impact peel strengths, even at - 40c

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

(21) Application No.3987/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID PEST CONTROL FORMULATION

(51) International classification	:A01N25/32,A01N53/06	(71)Name of Applicant:
(31) Priority Document No	:61/249,968	1)SERGEANT'S PET CARE PRODUCTS, INC.
(32) Priority Date	:08/10/2009	Address of Applicant :10077 SOUTH 134TH STREET,
(33) Name of priority country	:U.S.A.	OMAHA, NE-68136 U.S.A.
(86) International Application No	:PCT/US2010/051999	(72)Name of Inventor:
Filing Date	:08/10/2010	1)KELLEY, DONALD, W.
(87) International Publication No	:WO 2011/044475 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a liquid pest control system that includes a synthetic pyrethroid as a pest control active ingredient and an agent selected from the group consisting of purified diethylene glycol monoethyl ether, tocopherol nicotinate and tocopherol succinate, and combinations thereof, to reduce or eliminate paresthesia of the synthetic pyrethroid. The system releases the synthetic pyrethroid efficiently and uniformly. The pest control system is less irritating to the animals skin as compared to prior art systems, particularly to the small breeds of dogs. The system is useful for making liquid spot-on treatments, sprays and the like.

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

(21) Application No.5081/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 11/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR PRODUCTION OF BIPHENYL DERIVATIVE

(51) International classification :C07D257/04,C07D403/10 (71)Name of Applicant :

(31) Priority Document No :2009-262149 (32) Priority Date :17/11/2009 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/066596

Filing Date :24/09/2010 (87) International Publication No :WO 2011/061996 A1

(61) Patent of Addition to Application :NA Number

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

1)MITSUBISHI TANABE PHARMA CORPORATION Address of Applicant: 2-6-18, KITAHAMA, CHUO-KU.

OSAKA-SHI, OSAKA 541-8505 Japan

(72)Name of Inventor: 1)SEKI, MASAHIKO

(57) Abstract:

The present invention provides a production method a biaryltetrazole derivative useful as an intermediate for an; angiotensin II receptor antagonist. The production method of present invention comprises 1) reacting an aryltetrazole derivative of the formula [II] with a benzene derivative of the formula [III]; 2) In the obtained compound of the formula [IV], deprotecting the compound wherein R2 is a methyl group substituted by hydroxyl group(s) protected by a protecting group, or reducing the compound wherein R2 is a lower alkoxycarbonyl group, to give the compound of the formula [V]; and 3) halogenating the compound the formula [IV] wherein R2 is a; methyl group, or the compound of the formula [V] when R2 in the compound of the formula [IV] is a methyl group substituted by hydroxyl group(s) protected by a protecting group, or a lower alkoxycarbonyl group,

No. of Pages: 138 No. of Claims: 7

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : FORMULATION OF DRUGS AND VACCINES IN THE FORM OF PERCUTANEOUS INJECTABLE NEEDLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61K9/00,A61K47/32 :P 200930820 :08/10/2009 :Spain :PCT/EP2010/065106 :14/04/2011 :WO2011/042542 A1 :NA	(71)Name of Applicant: 1)AZUREBIO, S.L. Address of Applicant: RONDA DE PONIENTE, 16-BAJO L E-28270MADRID Spain (72)Name of Inventor: 1)GARCIA DE CASTRO ANDREWS, ARCADIO 2)GARCIA CARRODEAGUAS, RAUL; 3)ACOSTA CONTRERAS NIURIS
` /		3)ACOSTA CONTRERAS NIURIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to percutaneous administration of drugs and vaccines in form of solid penetrating needles, injectable needles, comprising a polymeric matrix resulting from the polymerization of a polymerizable paste or mixture. The injectable needles are hard enough to penetrate the skin and can be administered percutaneously by simple pusher or injector delivery devices. The manufacturing procedure of the injectable needles allows for the incorporation of the drug as preformulated stable microparticles and incorporation of modifying agents to modulate stiffness, solubility and drug release. Drugs formulated in these injectable needles offer a safe, simple and effective alternative to conventional percutaneous drug delivery systems based on hypodermic needles and syringes that require refrigerated storage and reconstitution prior to administration.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR MULTILAYER SHEAR BAND REINFORCEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/10/2009	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN Address of Applicant: 12, COURS SABLON, 63000 CLERMONT-FERRAND France 2)MICHELIN RECHERCHE ET TECHIQUE S.A. (72)Name of Inventor: 1)STEVE CRON 2)TIMOTHY B. RHYNE
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(57) Abstract:

A method is provided for reinforcement of a multiple layer shear band as may be used in a non-pneumatic tire. More particularly, a method of improving the performance characteristics (such as e.g., increasing the bending stiffness) of a shear band without increasing its thickness or to reducing the thickness of a shear band while maintaining its performance characteristics and to shear bands constructed according to such method is provided as well as shear bands constructed according to such method.

No. of Pages: 25 No. of Claims: 16

(12)TATENT ATTECATION TOBERCATION

(21) Application No.4059/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

:30/03/2005

(54) Title of the invention: A WALL PANEL SYSTEM

(51) International classification :E04B2/56,E04B2/74 (71)Name of Applicant : (31) Priority Document No 1)HAWORTH, INC. :2004100387519 (32) Priority Date Address of Applicant :ONE HAWORTH CENTER.1400 :31/03/2004 (33) Name of priority country HIGHWAY M-40, HOLLAND MICHIGAN 49423 U.S.A. :China (86) International Application No (72)Name of Inventor: :PCT/US2005/10437 1)CHONG, YUK-YOON Filing Date :30/03/2005 (87) International Publication No :WO/2005/098159 2)FOO, KIM-SHING (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :4004/CHENP/2006

(57) Abstract:

Filed on

A space-dividing wall panel system for office areas includes a system of horizontal and vertical frame rails 1 which join together to define a wall panel frame. The vertical and horizontal rails have varying cross-sectional profiles which are adapted to support thin insert panels and also interconnect with adjacent frame structures such as a multi-way corner connector, a serially adjacent wall panel or another frame rail joined together in back-to-back relation. Additionally, the wall panel includes a belt-line raceway with hinged covers which allows for the storage of cabling and electrical components therein and also defines a horizontal cable passage along the bottom edge of the raceway for ingress and egress of cabling.

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

(19) INDIA

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

(21) Application No.5096/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: A SHOT-BLASTING MACHINE

(51) International classification	:B24C9/00,B24C3/30	(71)Name of Applicant:
(31) Priority Document No	:2010-061556	1)SINTOKOGIO, LTD.
(32) Priority Date	:17/03/2010	Address of Applicant :28-12, MEIEKI 3-CHOME,
(33) Name of priority country	:Japan	NAKAMURA-KU, NAGOYA-SHI, AICHI 450-0002 Japan
(86) International Application No	:PCT/JP2010/064909	(72)Name of Inventor:
Filing Date	:01/09/2010	1)SUZUKI, TSUNETOSHI
(87) International Publication No	:WO 2011/114550	2)ISHIKAWA, MITSUO
	A1	3)TATEMATSU, RYO
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a shot blasting device with a new configuration such that a dead space for a lid body which closes an opening for feeding and discharging workpieces is eliminated, and that revolution (turning) of a rotating drum can also serve to open and close the lid body. The shot blasting device is provided with a cabinet (11); the rotating drum (13), which is holed; and a centrifugal projection machine (15). The rotating drum is disposed in the cabinet in such a way as to be capable of turning be—tween working positions for feeding, treating, and discharging articles to be treated. The cabinet is provided with a lid body (51) which closes the opening (1 lb) for feeding and taking out the articles to be treated. The opening portion of the cabinet has a sealing wall section (59). The lid body is integrally installed on the rotating drum, and turns. Furthermore, the lid body has wall abutting sections (51a, 51b, and 5 ld) which are capable of being fitted into the sealing wall section. Lip-shaped sealing members (61, 63) are installed, thereby sealing the gap between the sealing wall section and the wall abutting sections of the lid body.

No. of Pages: 33 No. of Claims: 7

(21) Application No.5041/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : A METHOD FOR DOWNLINK COMMUNICATION BY MEANS OF A DOWNLINK SUPERIMPOSED RADIO SIGNAL, A BASE STATION AND A USER TERMINAL THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:09306206.5 :10/12/2009 :EPO :PCT/EP2010/067429 :15/11/2010 :WO 2011/069778 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, AVENUE OCTAVE GREARD, F-75007 PARIS France (72)Name of Inventor: 1)KAMINSKI, STEPHEN 2)CESAR, BOZO
Filing Date	:NA	

(57) Abstract:

The invention concerns a method for downlink communication between a base station and a user terminal by means of a downlink superimposed radio signal comprising downlink data for the user terminal and for at least one further user terminal that are transmitted using the same radio resources, wherein the downlink data for the user terminal are transmitted with lower power than the downlink data for the at least one further user terminal, and control information is sent in downlink from the base station to the user terminal that enables the user terminal to decode the downlink data for the at least one further user terminal, a base station, a user terminal and a communication network therefor.

No. of Pages: 37 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication

(43) Publication Date: 14/02/2014

(21) Application No.5160/CHENP/2012 A

(54) Title of the invention: MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/315	(71)Name of Applicant :
(31) Priority Document No	:0950958-9	1)SHL GROUPO AB
(32) Priority Date	:15/12/2009	Address of Applicant :BOX 1240,
(33) Name of priority country	:Sweden	AUGUSTENDALSVAGEN 19, SE-13128 NACKA STRAND
(86) International Application No	:PCT/US2010/060022	Sweden
Filing Date	:13/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/081867 A2	1)GIAMBATTISTA,LUCIO
(61) Patent of Addition to Application Number	:NA	2)BENDEK, ANTONIO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a medicament delivery device comprising a housing having opposite distal and proximal ends; a medicament container holder re-leasably connected to said housing; a medicament container arranged inside said medicament container holder, a threaded plunger rod arranged to pass through a first inner wall of the housing and arranged to act on a stopper in the medicament containner; a lead screw member coaxially connected to the threaded plunger rod by co-acting first sl-idably-androtatably-locked means; wherein said device further comprises a nut coaxially connected to the threaded plunger rod by a treaded engagement between them, connect ed to the lead screw member by co- acting non-slidable-and-rotatable means, and con-nected to the housing by co- acting second slidably-and-rotatably-locked means; a pri-mary dose member coaxially rotatable on the lead screw member when the device is in a non- activated state and connected to the lead screw member by co-acting third slidably-and-rotatablylocked means when the device is in an activated state; a locking member &isdly connected to the housing and releasably connected to the lead screw member by co-acting locking means; a first spring force means arranged between the first inner wall of the housing and the nut, wherein the first spring force means is in a pre-ten-sioned state when said locking means are engaged and the device is in the non-activated state; a secondary dose member rotatably connected to said primary dose member via a pinion gear; dose setting means connected to the primary dose member by co-acting fourth slidably-and- rotatably-locked means, such that vrfien the device is to be set jBx)m the non- activated state to the activated state, the dose setting means are manually manipulated in a pre-determined direction, whereby the locking means are released and the lead screw member is distaUy moved a pre-determined distance by the first spring force means independent of the size of a dose to be set.

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

(21) Application No.5161/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DIAL MODULE FOR A WATCH AND A WATCH PROVIDED WITH A DIAL MODULE

(51) International classification	:G04B19/04,G04B19/20	(71)Name of Applicant:
(31) Priority Document No	:2009/0789	1)BENOIT, MINTIENS
(32) Priority Date	:11/12/2009	Address of Applicant :ALBRECHT RODENBACHLAAN 8,
(33) Name of priority country	:Belgium	B-2547 LINT Belgium
(86) International Application No	:PCT/BE2010/000082	(72)Name of Inventor:
Filing Date	:10/12/2010	1)BENOIT, MINTIENS
(87) International Publication No	:WO2011/069218 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Dial module for a clock provided with several pointers whose shafts can be driven by the clock mechanism, characterised in that the dial module (1) consists of a casing (10), at least two separate pointers, whereby each pointer (2,3) is provided with its own separate concentric dial (6,7), and whereby at least a pointer (3), together with its shaft (5) and dial (7), can move with respect to another first pointer (3), such that the two pointers (2,3) never overlap one another, and that the mobile dial(s) (7) always maintain a fixed orientation with respect to the casing (10), whereby the upper visible part of the pointers (2,3) and the dials (6,7) are arranged on a single continuous surface.

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

(19) INDIA

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

(21) Application No.5079/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: BIDIRECTIONAL OPTICAL AMPLIFIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04B10/17 :09306219.8 :11/12/2009 :EPO :PCT/EP2010/069402 :10/12/2010 :WO 2011/070163 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, AVENUE OCTAVE GREARD, F-75007 PARIS France (72)Name of Inventor: 1)CHRISTIAN SIMONNEAU 2)DOMINIQUE CHIARONI 3)GEMA BUFORN SANTAMARIA 4)SOPHIE ETIENNE
Number Filing Date	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A bidirectional optical amplifier (l)is arranged to be passed through in one direction by a downstream optical signal (SDS) and in an opposite direction by an upstream optical signal (SUS), and comprises: a first optical circulator (2) having three ports, a first port of the first optical circulator defining a first connector (8) at one end of the bidirectional optical amplifier, a second optical circulator (3) having three ports, a first port of the second optical circulator defining a second connector (9) at an opposite end of the bidirectional optical amplifier, a downstream unidirectional optical amplifier (4) connected between a second port of the first optical circulator and a second port of the second optical circulator so as to define a downstream amplification path (5) for the downstream optical signal, and an upstream unidirectional optical amplifier (6) connected between a third port of the first optical circulator and a third port of the second optical circulator so as to define an upstream amplification path (7) for the upstream optical signal. The bidirectional optical amplifier (1) further comprises a waveband separator (10) connected between the second port of the first optical circulator (2) and an input of the downstream unidirectional optical amplifier (4).

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

(21) Application No.5180/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: EXTENSIBLE MECHANISM FOR CONVEYING FEATURE CAPABILITIES IN CONVERSATION **SYSTEMS**

(51) International :G06F15/16,G06Q50/00,H04L29/06

classification

(31) Priority Document No :12/641.689 :18/12/2009 (32) Priority Date (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2010/057897

No :23/11/2010 Filing Date

(87) International Publication :WO 2011/075296 A3

(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor:

1)SRINIVASAN, SRIVATSA 2)ANANTHARAMAN, SUNDAR 3)BASU, PRADIPTA KUMAR 4)ZHANG, GENE

(57) Abstract:

Feature capabilities of conversation clients are conveyed to participants in a conversation such that real time decisions can be made and a common set of capabilities are selected to be used in the conversation. User interfaces of participating clients are then adjusted to reflect those capabilities. Further decisions and adjustments may be performed during the conversation in response to changes in participating clients and their capabilities.

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

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

:NA

(54) Title of the invention: METHOD FOR ANALYZING RNA

(51) International classification	:C12Q1/68,G01N27/447	(71)Name of Applicant:
(31) Priority Document No	:2009-285098	1)TORAY INDUSTRIES,INC.
(32) Priority Date	:16/12/2009	Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, TOKYO 103-8666 Japan
(86) International Application No	:PCT/JP2010/072518	(72)Name of Inventor:
Filing Date	:15/12/2010	1)KURODA, TOSHIHIKO
(87) International Publication No	:WO 2011/074592 A1	2)NOMURA, OSAMU
(61) Patent of Addition to Application	:NA	3)NOBUMASA, HITOSHI
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(21) Application No.5183/CHENP/2012 A

(57) Abstract:

Filing Date

Information on expression of a gene in a tissue or cell(s) fixed with a fixative, or whether or not the gene is expressed therein, is analyzed by a method for analyzing RNA extracted from a tissue or cell(s) fixed with a fixative, the method comprising a step wherein whether the RNA satisfies the following equation: Equation: B/A 1 [wherein A represents the weight ratio (%) of RNA within the range of 1000 to 4000 nucleotides with respect to the total weight of RNA as determined by electrophoresis, and B represents the weight ratio (%) of RNA within the range of more than 4000 nucleotides with respect to the total weight of RNA as determined by electrophoresis] is judged.

No. of Pages: 56 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.5184/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: ETHYNYL DERIVATIVES

(51) International

:C07D471/04,A61K31/4162,C07D487/04

classification

(31) Priority Document :09179719.1

No

(32) Priority Date :17/12/2009

(33) Name of priority :EPO

country

(86) International

Application No :PCT/EP2010/069593

Filing Date :14/12/2010

(87) International

:WO 2011/073172 A1

Publication No (61) Patent of Addition

to Application Number :NA

Filing Date (62) Divisional to

Application Number :NA

Filing Date

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland

(72)Name of Inventor:

1)GREEN, LUKE

2)GUBA, WOLFGANG

3)JAESCHKE, GEORG

4)JOLIDON, SYNESE 5)LINDEMANN, LOTHAR

6)STADLER, HEINZ

6)STADLEK, HEIN

7) VIEIRA, ERIC

(57) Abstract:

The present invention relates to ethynyl derivatives of formula wherein X isNorC-R1; Y isNorC-R2; Z isCHorN; R is a 6-membered aromatic substituent containing 0,1 or 2 nitrogen atoms, optionally substituted by 1 to 3 groups, selected from halogen, lower alkyl, lower alkoxy or NRR; R is hydrogen, lower alkyl, lower alkoxy, hydroxy, lower hydroxyalkyl, lower cycloalkyl or is heterocycloalkyl optionally substituted with hydroxy or alkoxy; R is hydrogen, CN, lower alkyl or heterocycloalkyl; R and R are independently from each other hydrogen or lower alkyl; or to a pharmaceutically acceptable salt or acid addition salt, to a racemic mixture, or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has now surprisingly been found that the compounds of general formula I are positive allosteric modulators (PAM) of the metabotropic glutamate receptor subtype 5 (mGluR5) and they are therefore useful for the treatment of diseases related to this receptor.

No. of Pages: 66 No. of Claims: 20

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF OPTIMIZING FEED CONCENTRATION IN A SEDIMENTATION VESSEL

(51) International classification	:B01D21/02,C12M1/34	(71)Name of Applicant:
(31) Priority Document No	:12/613,131	1)WESTECH ENGINEERING,INC.
(32) Priority Date	:05/11/2009	Address of Applicant :3625 SOUTH WEST TEMPLE SALT
(33) Name of priority country	:U.S.A.	LAKE CITY, UTAH 84115 U.S.A.
(86) International Application No	:PCT/US2010/049442	2)PASTE THICK VENTURES LLC
Filing Date	:20/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/056305 A1	1)LAKE,PHILIP
(61) Patent of Addition to Application	:NA	2)CROZIER, MARK
Number		3)EASTON, JEFFERY H.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A feed system is used in a sedimentation vessel. The feed system includes an inlet for receiving a quantity of feed slurry and an outlet for delivering the feed slurry to a separation zone within the sedimentation vessel. The feed slurry includes a mixture of solids and liquids that are to be separated in a separation zone within the sedimentation vessel. An airlift pump is used to cycle at least a portion of either the separated solids or the separated liquids from the separation zone and return it to the feed system. This returned portion mixes with the feed slurry and may operate to dilute the feed slurry to a concentration for optimal separation. Additionally, feed conditioning chemicals may be mixed into the feed slurry prior to or after the mixing of the feed slurry with the returned portion of the separated products.

No. of Pages: 29 No. of Claims: 19

(22) Date of filing of Application :09/07/2009 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMAGE PROCESSING SYSTEM FOR DIGITAL COLLAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06T 7/40 :11/609,802 :12/12/2006 :U.S.A. :PCT/US2007/087318 :12/12/2007 :WO 2008/073998 A1 :NA :NA :NA	(71)Name of Applicant: 1)MICROSOFT CORPORATION., Address of Applicant: ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A. (72)Name of Inventor: 1)TAYLOR, STUART, 2)ROTHER, CARSTEN 3)DE BOER, WILLIAM H
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(57) Abstract:

It is required to provide a framework for an automated process for forming a visually appealing collage from a plurality of input images. It is required to provide a framework for this type of automated process which is flexible and robust and which can easily be interfaced to a related software application. An image synthesis framework is provided with a modular architecture having a first module, a plurality of prior compute modules and an image synthesis module. The first module provides an application programming interface, the prior compute modules compute information about input images, and the image synthesis module uses the computed information together with the input images to form a digital collage.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : BACKHAUL DOWNLING SIGNAL DECODING METHOD OF RELAY STATION AND RELAY STATION USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/14 :61/254,744 :25/10/2009 :U.S.A. :PCT/KR2010/007274 :22/10/2010 :WO2011/049401 A3 :NA :NA :NA	(71)Name of Applicant: 1)LG ELECTRONICS INC. Address of Applicant: 20 YEOUIDO-DONG, YEONGDEUNGPO-GUSEOUL 150-721 Republic of Korea (72)Name of Inventor: 1)SEO, HAN BYUL 2)LEE, DAE WON 3)KIM,BYOUNG HOON 4)KIM,HAK SEONG 5)KIM, KI JUN
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(57) Abstract:

Disclosed is a backhaul downlink signal decoding method of a relay station. The method comprises the steps of: the relay station, receiving a transmission rank value for a backhaul downlink from a base station through an upper layer signal; receiving control information from the base station through a control area; and decoding the control information, wherein the transmission rank value for the backhaul downlink corresponds to a transmission rank value . supposed when the relay station decodes the control information, and the control information is mapped with a resource element which is not overlapped with a dedicated reference signal resource element mapped with the control area by supposing the transmission rank value.

No. of Pages: 95 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OPTICAL FLAME SENSOR

(51) International classification(31) Priority Document No(32) Priority Date	:G01J5/00,G01J5/08 :NA :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:PCT/EP2009/067246	(72)Name of Inventor:
Filing Date	:16/12/2009	1)LOBO, JULIO, DANIN
(87) International Publication No	:WO 2011/072730 A1	2)MERCANGOEZ, MEHMET 3)HAFFNER, KEN, YVES
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(21) Application No.5233/CHENP/2012 A

(57) Abstract:

The disclosure relates to an optical measurement device (100) adapted for determining the temperature in a flame and for determining the particle size of the fuel present in the flame. The optical measurement device (100) includes a colour camera (10) for measuring light information in the flame and outputting measurement results and an evaluation unit (20) adapted for evaluating the measurement results. Further, a coal burning power plant (200) is provided with a multitude of burners (35) for burning milled coal each in a flame and a multitude of optical measurement devices (100) described. Further, an according method for determining the temperature and particle size of the fuel present in a flame is provided.

No. of Pages: 34 No. of Claims: 15

(21) Application No.5235/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR OPERATING A DIRECT CONVERTER CIRCUIT AND DEVICE TO CARRY OUT THE TIME METHOD

(51) International classification :H02M5/297,H02M7/483 (71)Name of Applicant :

(31) Priority Document No :09179643.3 (32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069277

Filing Date :09/12/2010

(87) International Publication No :WO 2011/082935 A1

(61) Patent of Addition to Application :NA Number

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

1)ABB SCHWEIZ AG

Address of Applicant : BROWN BOVERI STRASSE 6, CH-

5400 BADEN Switzerland (72)Name of Inventor:

1)WINKELNKEMPER, MANFRED

2)KORN, ARTHUR

(57) Abstract:

A method for operating a direct converter circuit is indicated, in which the power semiconductor switches of the switching cells (2) of the associated phase module (1) are controlled by means of a control signal (S1). In order to reduce unwanted energy fluctuations on the phase modules (1), the control signal (S1) is formed for each phase module (1) from the difference between a reference signal (Vref.UR, Vref.us, Vref.UT, Vref.VR, Vref.VS, Vref.VT, Vref.WR, Vref.WS, Vref.wr) in relation tO the VOltage (UuR, Uus, UUT, UVR, UVS, UVT; UWR, UWS, UWT) over the phase module (1) and a voltage signal (VLUR, VLUS> VLUT> VLVR, VLVS, VLVT, VLWR, VLWS, VLWT) over the inductor (LUR, LUS, LUT; UR, LVS, LVT; LWR, LWS, LWT), wherein the voltage signal (VLUR, VLUS, VLUT, VLVR, VLVS, VLVT, VLWR, VLWS, VLWT) over the inductor (LUR, Lus, LUT; LVR, LVS, LVT; LWR, LWS, LWT) is formed from a reference signal (iref.uR, ref.us, iref.uT, iref.vR, iref.vR, iref.vR, iref.wR, iref the current (iuR, ius, IUT; IVR, ivs, IVT; IWR, iws, iwr) through the phase module (1). Furthermore, the reference signal (iref.uR, iret.us, iref.uT, irervR, iretvs, iref.vr, iretwR, iref.ws, iref.wr) in relation to the current (iuR, ius, IUT; IVR, ivs, IVT; IWR, iws, iwr) through the phase module (1) is formed from a mean value (Pu, Pv, Pw) o instantaneous value (Pu, Pv, Pw) of a phase power of a phase (U, V, W) of the first current system or voltage system connected to the phase module (1), from a mean value (PR, Pg, P-) or instantaneous value (PR, PS, PT) of a phase power of a phase (R, S, T) of the second current system or voltage system connected to the phase module (1), from the sum of the instantaneous values (Puvw) or of the mean values (PUVWM) of the phase powers of the phases (U, V, W) of the first current system or voltage system and from the sum of the instantaneous values (PRST) or of the mean values (PRSTM) of the phase powers of the phases (R, S, T) of the second current system or voltage system. Furthermore, a device to carry out the method is indicated.

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

(21) Application No.5237/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HYBRID VEHICLE AND CONTROL METHOD THEREOF

(51) International classification :B60W10/02,B60K6/442,B60L11/12

:09/12/2010

(31) Priority Document No :2009-285416 (32) Priority Date :16/12/2009

(33) Name of priority :Japan

country

(86) International Application No :PCT/JP2010/072178

Filing Date

(87) International Publication: WO 2011/074483 A1

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

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

(71)Name of Applicant:

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,

MINATO-KU, TOKYO, 107-8556 Japan

(72)Name of Inventor:

1)TAMAGAWA, YUTAKA

(57) Abstract:

A hybrid vehicle which runs on power from at least one of an electric motor and an engine. When a required output exceeds a sum of an output of the electric motor which is driven by electric power supplied from a battery and an output of the engine while the hybrid vehicle is running on a drive mode in which at least the engine works as a driv6 source with a clutch engaged, a transmission ratio changing unit increases a ratio of electrical transmission to mechanical transmission of the output of the engine, and an engaging/disengaging control unit releases the clutch at a time point when the mechanically-transmitted output of the engine becomes 0, with the clutch engaged.

No. of Pages: 39 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: HYBRID VEHICLE AND CONTROL METHOD THEREOF

(51) International :B60W10/02,B60K6/442,B60L11/12

classification

:NA

(31) Priority Document No :2009-285415 :16/12/2009 (32) Priority Date (33) Name of priority

:Japan country

(86) International :PCT/JP2010/072177

Application No :09/12/2010 Filing Date

(87) International Publication: WO 2011/074482 A1

(61) Patent of Addition to

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

(57) Abstract:

Filing Date

(71)Name of Applicant:

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,

MINATO-KU, TOKYO, 107-8556 Japan

(21) Application No.5238/CHENP/2012 A

(72)Name of Inventor:

1)TAMAGAWA, YUTAKA

A hybrid vehicle which runs on power from at least one of an electric motor and an engine includes an engine control unit for controlling the engine, an engaging/disengaging control unit for engaging a clutch which engages or disengages a power transmission line from the engine to drive wheels via a generator when the hybrid vehicle is shifted from a series drive mode to another drive mode in which at least the engine works as a drive source, a required output calculation unit for calculating a required output required based on an accelerator pedal opening and a running speed, and an engaging revolution speed calculation unit for calculating a revolution speed at a drive wheel side of the clutch which corresponds to the vehicle speed as a revolution speed of the engine at which the clutch is engaged. The engaging/disengaging control unit engages the clutch when the revolution speed of the engine coincides with the engaging revolution speed as a result of controlling the engine to follow the required output while the hybrid vehicle is running on the series drive mode at a predetermined vehicle speed or faster. Consequently, the clutch can be engaged without generation of any shock or reduction in efficiency when the hybrid vehicle is shifted from the series drive mode to the another drive mode in which at least the engine works as a drive source.

No. of Pages: 36 No. of Claims: 6

(21) Application No.4109/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : BIOMETRIC IDENTIFICATION AND AUTHENTICATION SYSTEM FOR FINANCIAL ACCOUNTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06Q20/00,G06K9/00,G06K9/46 :61/251,304 :14/10/2009 :U.S.A.	(71)Name of Applicant: 1)SHYAM CHETAL Address of Applicant: 45319 WHITETAIL CT., FREMONT, CALIFORNIA 94539 U.S.A.
(86) International Application No Filing Date (87) International Publication	:PCT/US2010/051885 :08/10/2010	(72)Name of Inventor: 1)SHYAM CHETAL
No	:WO/2011/046810	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and an apparatus of biometric identification and authentication for financial transaction are disclosed. In one aspect, an automated teller machine is provided to assist a user to make a financial transaction. A linguistic command data is processed to create an account of the user. The user is directed to place a finger on a fingerprint scanner and the fingerprint is imaged. The user is directed to place an iris of in front of an iris scanner, and /orto place a face of the user in front of a camera to collect biometric data of the user. A name and address of the user is correlated to identify the account of the user. The face, fingerprint and/ or iris of the user is imaged and compared to the biometric data to verify identify. An access to the account is provided on verifying the identity of the user.

No. of Pages: 46 No. of Claims: 20

(21) Application No.4698/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :05/09/2008

(43) Publication Date: 14/02/2014

(54) Title of the invention : STRUCTURAL UNIT HAVING A CONTROL UNIT HOUSING AND A HYDRAULIC ASSEMBLY HOUSING

(51) International classification	:B60T8/36	(71)Name of Applicant :
(31) Priority Document No	:102006005185.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:06/02/2006	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART Germany
(86) International Application No	:PCT/EP2007/050026	(72)Name of Inventor:
Filing Date	:03/01/2007	1)WEH, ANDREAS
(87) International Publication No	:WO 2007/090689	
(61) Patent of Addition to Application	Al	
Number	:NA	
	:NA	
Filing Date (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	
(57) A1 4	.1111	

(57) Abstract:

A structural unit having a control unit housing (7) and a hydraulic assembly housing (9) is proposed, wherein the control unit housing (7) and the hydraulic assembly housing (9) form a receiving space (12) for at least one electrical component (8, 40) with a covering, and the at least one electrical component (8, 40) is arranged in the receiving space (12) in a sealed maimer at least in the region of its contact faces. There is provision according to the invention for in each case one seal (45, 46) which is applied in a fluid process and is assigned individually to the relevant electrical component (8, 40) to be arranged in the region of the contact faces between the covering of the electrical component (8, 40) and the control unit housing (7) and the hydraulic assembly housing (9).

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

(21) Application No.5128/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ACID TOLUENE EXTRACTION OF DNT WASTEWATERS

(51) International classification :C07C201/16,B01D11/04,C02F1/26

(31) Priority Document No :09179501.3

(31) Priority Document No :09179501.3 (32) Priority Date :16/12/2009 (33) Name of priority country :EPO

(86) International Application :PCT/EP2010/069548

No .FC1/EF2010/C

(87) International Publication :WO 2011/082978 A1

No .wo

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

(62) Divisional to Application :NA
Number :NA

Filing Date (57) Abstract :

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor: 1)FRITZ, RUDIGER 2)HEMPEL, RENATE 3)GUSCHEL, BARBEL

4)RICHTER, HELMUT 5)MERTEN, ANNE-KATHRIN

6)ZOELLINGER, MICHAEL 7)FLEGEL, ELVIRA 8)ALLARDT, HOLGER 9)REETZ, REINER

A process for working up alkaline process wastewater from the nitration of aromatic compounds to mono-, di- and trinitroaromatics with a pH of 7.5 to 13 or a mixture W with a pH of 6 to 10 of alkaline process wastewater and the aqueous distillate of the sulfuric acid concentration, comprising the steps of a) acidifying the alkaline process wastewater or the mixture W by adding concentrated sulfuric acid which originates from the workup of the aqueous, sulfuric acid-containing phase obtained in the nitration to a pH below 2, which forms a mixture A consisting of organic phase which separates out and acidic aqueous phase, and b) extracting the mixture A with an aromatic extractant.

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

(21) Application No.5246/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SIGNAL DECIMATION TECHNIQUES

(51) International classification :H03B19/00,G06F1/08,H03D7/16 (71)Name of Applicant:

(31) Priority Document No :12/638,822 (32) Priority Date :15/12/2009 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2010/060585

No

:15/12/2010 Filing Date

(87) International Publication

:WO 2011/084527 A2 (61) Patent of Addition to

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

:NA Number :NA Filing Date

1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN

DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor:

1)GARY JOHN BALLANTYNE

2)JIFENG GENG

3)BO SUN

(57) Abstract:

Techniques for decimating a first periodic signal to generate a second periodic signal. In an exemplary embodiment, the first periodic signal is divided by a configurable integer ratio divider, and the output of the divider is delayed by a configurable fractional delay. The configurable fractional delay may be noise-shaped using, e.g., sigma-delta modulation techniques to spread the quantization noise of the fractional delay over a wide bandwidth. In an exemplary embodiment, the first and second periodic signals may be used to generate the transmit (TX) and receive (RX) local oscillator (LO) signals for a communications transceiver from a single phase-locked loop (PLL) output.

No. of Pages: 38 No. of Claims: 32

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: STABILISING EXCIPIENT FOR INACTIVATED WHOLE-VIRUS VACCINES

(51) International classification	:A61K47/00	(71)Name of Applicant:
(31) Priority Document No	:09/04795	1)SANOFI PASTEUR
(32) Priority Date	:07/10/2009	Address of Applicant :2 AVENUE PONT PASTEUR, F-
(33) Name of priority country	:France	69367 LYON CEDEX 07 France
(86) International Application No	:PCT/FR2010/052111	(72)Name of Inventor:
Filing Date	:07/10/2010	1)FRANCON, ALAIN
(87) International Publication No	:WO 2011/042663	2)CHEVALIER, MICHEL
(87) International Fublication No	A1	3)MORENO, NADEGE
(61) Patent of Addition to Application	:NA	4)CALVOSA, ERIC
Number		5)CIGARINI, SANDRINE
Filing Date	:NA	6)FABRE, VIRGINIE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a vaccine composition containing: (a) inactivated whole virus; and (b) a stabilising excipient comprising (i) a buffer solution, (ii) a mixture of essential and non-essential amino acids, (iii) a disaccharide, (iv) a polyol, (v) a chelating agent, (vi) urea or a urea derivative, and (vii) a non-ionic surfactant.

No. of Pages: 49 No. of Claims: 31

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ULTRASONIC FLOW SENSOR FOR USE IN A FLUID MEDIUM

(51) International classification	:G01F1/66	(71)Name of Applicant:
(31) Priority Document No	:10 2009 046 468.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:06/11/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART Germany
(86) International Application No	:PCT/EP2010/063957	(72)Name of Inventor:
Filing Date	:22/09/2010	1)LANG, TOBIAS
(87) International Publication No	:WO 2011/054595	
(87) International Laboration No	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an ultrasonic flow sensor (110) for use in a fluid medium. The ultrasonic flow sensor (110) comprises at least two ultrasonic converters (120, 122) arranged longitudinally to a flow, offset to one another in a flow tube (112) of the fluid medium. The ultrasonic flow sensor (110) further comprises a reflection surface (126), wherein the ultrasonic converters (120, 122) are configured to exchange ultrasonic signals via simple reflection on the reflection surface (126). In addition, according to the invention a deflection device (132) is provided between the ultrasonic converters (120, 122) which is configured to substantially suppress parasitic ultrasonic signals which are reflected from the reflection surface (126) and which meet the deflection device (132) by means of deflection away from the ultrasonic converters (120,122).

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

(22) Date of filing of Application :02/09/2009 (43) Publication Date : 14/02/2014

(54) Title of the invention: PRIVATE SHEETS IN SHARED SPREADSHEETS

(51) International classification	:G06F15/16	(71)Name of Applicant:
(31) Priority Document No	:11/724,988	1)MICROSOFT CORPORATION.
(32) Priority Date	:15/03/2007	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052-6399 U.S.A.
(86) International Application No	:PCT/US2008/055310	(72)Name of Inventor:
Filing Date	:28/02/2008	1)PRISH, SHAHAR
(87) International Publication No	:WO 2008/112442 A1	2)MEGIDDO, ERAN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Private sheets are disclosed, in shared computer applications, such as spreadsheets. In one aspect, a public sheet is accessible to a first client and a second client; and, moreover, a private sheet is accessible only to the second client. The private sheet is configured to access content in the public sheet, but the public sheet cant access content in the private sheet. In this way, users can use private sheets to perform calculations or modeling on the side, while collaborating on public sheets with other users. In another aspect, changes made to the public sheet can be reflected in the private sheet, if such changes are referenced by the private sheet to content in the public sheet. However, changes made to the private sheet are not reflected in the public sheet. Numerous other specific aspects are also disclosed, such as private sheets accessing values but not formulas from public sheets.

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

(21) Application No.5165/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR WORKUP OF NOX-CONTAINING OFFGASES FROM WASTEWATER STREAMS OF NITRATION PLANTS

(51) International classification: C02F1/02,B01D53/56,B01D53/96 (71) Name of Applicant:

:WO 2011/082977 A1

(31) Priority Document No :09179507.0 (32) Priority Date :16/12/2009

(33) Name of priority country :EPO

(86) International Application :PCT/EP2010/069530

:13/12/2010 Filing Date

(87) International Publication

No

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

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

1)BASF SE

Address of Applicant: 67056, LUDWIGSHAFEN Germany

(72)Name of Inventor: 1)FRITZ, RUDIGER 2)HEMPEL, RENATE

3)ZOLLINGER, MICHAEL 4)ALLARDT, HOLGER

5) REETZ, REINER

(57) Abstract:

The present invention relates to a process for workup of nitrite-comprising alkaline process wastewaters from the nitration of aromatic compounds, wherein the alkaline process wastewater is acidified by addition of acids and the off gas which comprises nitrogen oxides and escapes from the acidified process wastewater is worked up, comprising the steps of a) acidifying the process wastewater by adding acid to a pH below 5, which forms an organic phase which separates out, an acidic aqueous phase and a gaseous NOxcontaining phase, and b) removing the gaseous NOx-containing phase.

No. of Pages: 12 No. of Claims: 15

(21) Application No.5286/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SEPARATING ELEMENT FOR TRAFFIC SURFACES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/01/2011 :WO 2011/088485 A1 :NA :NA	(71)Name of Applicant: 1)REBLOC GMBH Address of Applicant: WIENERSTRASSE 662, A-3571 GARS AM KAMP Austria (72)Name of Inventor: 1)REDLBERGER, MATHIAS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a separating element for traffic surfaces, which is preferably made of concrete, having at least one connecting element (5, 6) on each opposite end face (4), by means of which connecting element the separating element can be connected to an adjacent separating element (I, 20). At least one projection (41, 43) is arranged on one end face (4) and at least one recess (42,44) is arranged on the other end face, wherein a projection (41, 43) is inserted into a recess (42, 44) of an adjacent separating element (1, 20) in order to transmit forces acting in the plane of the end face (4) from one separating element (1, 20) to the adjacent separating element (1,20).

No. of Pages: 30 No. of Claims: 18

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : REMOTE CONTROL SYSTEM, REMOTE CONTROL APPARATUS, AND REMOTE CONTROL METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:2009-256909 :10/11/2009 :Japan :PCT/JP2010/068531 :14/10/2010 :WO 2011/058857 A1	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan (72)Name of Inventor: 1)UNO, HIROYUKI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a remote control system enabling to control a plurality of apparatuses in a linked manner without breaking an intuitive behavior style of remote control operation which has been familiar to users. [Solution method] A remote control system comprises: a remote control apparatus which identifies control-object apparatuses by capturing respective images of a plurality of apparatuses connected to a network, and transmits control scenario information concerning cooperative operation among a plurality of control-object apparatuses, which is determined by a combination of types of the identified control-object apparatuses; and a network control unit which constitutes the aforementioned network containing the plurality of apparatuses, and, on receiving the control scenario information from the remote control apparatus, outputs to apparatuses prescribed by the received control scenario information control orders to cause the apparatuses to execute operations prescribed by the control scenario information.

No. of Pages: 82 No. of Claims: 21

:NA

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification: F21V19/00,F21S2/00,F21V29/00 (71)Name of Applicant: (31) Priority Document No :2009-259166 1)SHARP KABUSHIKI KAISHA (32) Priority Date Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, :12/11/2009 (33) Name of priority country OSAKA-SHI, OSAKA 545-8522 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2010/068582 1)KUROMIZU, YASUMORI :21/10/2010 Filing Date (87) International Publication :WO 2011/058860 A1 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Brightness is less likely to be deteriorated and a heat release property is ensured in a lighting device. A backlight unit 12 includes cold cathode tubes 18 as a light source, a chassis 14 and lamp holders 2 0 as a cover member. Each cold cathode tube 18 has an electrode portion 18b at its end portion 18E and the light sources 18 are housed in the chassis 14. The lamp holder 20 extends along one side (a short-side direction) of the chassis 14 and covers the end portions 18E of the cold cathode tubes 18. The lamp holder 20 includes opening portions 26 that are open toward a middle portion of the cold cathode tube 18. An opening area of the opening portion 26 is greater in one of end portions (a first end portion 2 0A and a second end portion 20B) of the lamp holder 20 in an extending direction of the lamp holder 20 than in a middle portion 20C of the lamp holder 20.

No. of Pages: 119 No. of Claims: 33

(21) Application No.5070/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : CENTRIFUGAL APPARATUS FOR BIOCHEMICAL PROCESSES COMPRISING A GAS CHANNELING SYSTEM

(51) International classification	:B04B5/04	(71)Name of Applicant :
(31) Priority Document No	:PI2009A000146	1)GENEDIA S.R.L.
(32) Priority Date	:19/11/2009	Address of Applicant :VIA LOMBARDA, 169/A, I-55013
(33) Name of priority country	:Italy	LAMMARI (LU) Italy
(86) International Application No	:PCT/IB2010/002988	2)SMART HOSPITAL S.R.L
Filing Date	:19/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/061618 A1	1)DI PIETRO, NICCOLO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

An apparatus (1) for performing a process comprising a step of centrifugation of a material contained in at least one test tube (90) and a step of supplying a gas into the test tube (90). The apparatus comprises a centrifugation device provided with a rotor (10) that is rotatably arranged about a central rotation axis (11), where at least one process housing (12) is defined for at least one test tube, wherein such at least one process housing is arranged at a peripheral position of the rotor (10) with respect to the central rotation axis (11), a cover (20) and a lock means (30) for locking the rotor (10) to the cover (20), said lock means (30) comprising an elongated portion (31) that is adapted to firmly engage with said rotor (10). The apparatus is also equipped with gas channeling means (2,3,4) that comprises a passageway (35) adapted to convey into the chamber of the apparatus a gas flow and also comprises a discharge passageway (37) adapted to convey out of the chamber a discharge gas coming from said chamber.

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

(21) Application No.5294/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR EMBOSSING A TIP COVER OF A CIGARETTE TIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:04/05/2010 :WO 2011/060459 A1 :NA	(71)Name of Applicant: 1)TANNPAPIER GMBH Address of Applicant: JOHANN ROITHNER-STRASSE 131 A-4050 TRAUN Austria (72)Name of Inventor: 1)GRIESMAYR, GUNTER
(61) Patent of Addition to Application		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device (1) for embossing a predetermined pattern onto at least one flat material (4) introduced between at least two printing rollers of said device, the movements of the embossing rollers being synchronized and said rollers (2, 3) also comprise at least two embossing tracks (5, 6), wherein the movements of the embossing rollers (2, 3) are synchronized with each other by synchronization means (7, 8) associated with different embossing tracks (5, 6), which mesh with each other and are distributed over the lateral surfaces of the embossing rollers (2, 3) or are electronically and/or electromechanically synchronized together, the different embossing tracks (5, 6) of the associated synchronization means (7, 8) of the same embossing roller (2, 3) being offset in relation to each other.

No. of Pages: 41 No. of Claims: 43

(21) Application No.5083/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE AND METHOD FOR CONTROLLING AN INFORMATION PROCESSING DEVICE

	:G06K9/03,G06F3/048,H04M1/00	
(31) Priority Document No	:2009-267853	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:25/11/2009	Address of Applicant :22-22, NAGAIKE-CHO, SBRNO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 545-8522 Japan
(86) International Application	:PCT/JP2010/062833	(72)Name of Inventor:
No	:29/07/2010	1)NAKO, KAZUYUKI
Filing Date	.29/07/2010	2)HIROSE, HITOSHI
(87) International Publication No	:WO 2011/065065 A1	3)FUJIWARA, AKIRA
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is an information processing device that is capable of recognizing characters in an image quickly. The portable phone according to the present invention is a device that recognizes words and phrases from an image. The portable phone includes: an image capturing section (8) that captures a moving image; a character string obtaining section (21), a character string collation section (22), and a word and phrase ID obtaining section (23), which successively obtains consecutive images that constitute the captured moving image and obtains an ID indicative of a word or a phrase at a predetermined position of the image; a FIFO buffer (16) for storing the obtained ID; and a recognition determination section (24) that determines, as a recognition result, an ID that is stored in the FIFO buffer (16) by the most number.

No. of Pages: 112 No. of Claims: 17

(21) Application No.5084/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 11/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: DETERMINATION OF THE QUALITY OF THE SEAL OF SEALED CAPSULES USING A MICROWAVE RESONATOR AND RELATED EQUIPMENT FOR IN-LINE INSPECTION

:A61J3/07,A61K9/48,B07C5/34 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/261.002 :13/11/2009 (32) Priority Date

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

(86) International Application No :PCT/IB2010/054931

Filing Date :01/11/2010

(87) International Publication No: WO 2011/058475 A3

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)CAPSUGEL BELGIUM NV

Address of Applicant : RIJKSWEG 11, 2880 BORNEM

Belgium

(72)Name of Inventor:

1)HERRMANN, HANS-RAINER

2)HUYSMANS, TOM REGINA AUGUSTINUS

3)SCHLEMM, UDO

(57) Abstract:

The invention relates to a method of inspection of a filled hard capsule sealed with a solvent sealing agent, including a process for determining the quality of the seal, said process comprising - supplying a filled hard capsule (1) sealed with a solvent sealing agent; supplying a microwave resonator (27) wherein a measuring field characterized by a resonance curve is generated; - directing said capsule through the measuring field; - measuring characteristics related to the modification of the resonance curve produced by the presence of the capsule (1) in the measuring field, in comparison with a reference resonance curve corresponding to an empty state of the resonator; and - using the measured characteristics to determine a value associated with the quality of the seal. The invention also relates to a method for sorting capsules on the basis of the result of the inspection method and to an associated equipment able to carry out such methods.

No. of Pages: 15 No. of Claims: 12

(21) Application No.5195/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A HIGH PRESSURE FEEDER AND METHOD OF OPERATION TO FEED GRANULAR OR FINE MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/288,534 :21/12/2009 :U.S.A.	1)SOUTHERN COMPANY SERVICES, INC. Address of Applicant :241 RALPH MCGILL BLVD., ATLANTA, GA 30308 U.S.A. (72)Name of Inventor: 1)VIMALCHAND, PANNALAL
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(57) Abstract:

A coal feed system to feed pulverized low rank coals containing up to 25 wt% moisture to gasifiers operating up to 1000 psig pressure is described. The system includes gas distributor and collector gas permeable pipes imbedded in the lock vessel. Different methods of operation of the feed system are disclosed to minimize feed problems associated with bridging and packing of the pulverized coal The method of maintaining the feed system and feeder device exit pressures using gas addition or extraction with the pressure control device is also described.

No. of Pages: 35 No. of Claims: 19

(21) Application No.5300/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMAL AND CHEMICAL UTILIZATION OF CARBONACEOUS MATERIALS, IN PARTICULAR FOR EMISSION-FREE GENERATION OF ENERGY

(31) Priority Document No (32) Priority Date	:C10J3/66,C07C29/151,C10G2/00 :09176684.0 :20/11/2009	1)RV LIZENZ AG Address of Applicant :DAMMSTRASSE 19, CH-6301, ZUG
(33) Name of priority country (86) International Application No Filing Date	:EPO :PCT/EP2010/067847 :19/11/2010	Switzerland (72)Name of Inventor: 1)RUDLINGER, MIKAEL
(87) International Publication No	:WO 2011/061299 A1	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a process according to the invention for the generation of energy and/or hydrocarbons and other products by utilization of carbonaceous materials, in a first process stage (P1) the carbonaceous materials are supplied to and get pyrolysed, wherein pyrolysis coke (M21) and pyrolysis gas (M22) are formed. In a second process stage (P2), the pyrolysis coke (M21) from the first process stage (P1) is gasified, wherein synthesis gas (M24) is formed, and slag and other residues (M91, M92, MI93, M94) are removed. In a third process stage (P3), the synthesis gas (M24) from the second process stage (P2) is converted into hydrocarbons and/or other solid, liquid, and/or gaseous products (M60), which are discharged. The three process stages (P1, P2, P3) form a closed cycle. Surplus gas (M25) from the third process stage (P3) is passed as recycle gas into the first process stage (P1), and/or the second process stage (P2), and pyrolysis gas (M22) from the first process stage (P1) is passed into the second process stage (P2), and/or the third process stage (P3),

No. of Pages: 59 No. of Claims: 33

(22) Date of filing of Application :03/01/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR CONTROLLING OPERATION IN A PACKET TRANSFER MODE

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)HIRISAVE Pradeep Krishnamurthy
Filing Date	:NA	2)JAMADAGNI Satish Nanjunda Swamy
(62) Divisional to Application Number	:NA	3)GANAPATHI Sarvesha Anegundi
Filing Date	:NA	<u> </u>

(57) Abstract:

The present invention provides a method and system for controlling operation in a packet transfer mode. In one embodiment, a user equipment detects a first event and transitions from a Temporary Block Flow (TBF) mode to a short Discontinuous (DRX) cycle mode. During the short DRX cycle mode, the user equipment monitors Packet Associated Control Channel (PACCH) so that a new TBF can be re-established during the short DRX cycle mode if data packets are buffered for transmission in uplink and/or downlink. Further, the user equipment detects a second event and transitions to a long DRX cycle mode from the short DRX cycle mode. During the long DRX cycle mode, the user equipment monitors PACCH so that a new TBF can be re-established during the long DRX cycle mode. Thereafter, the user equipment detects a third event and transitions from the long DRX cycle mode to a packet idle mode.

No. of Pages: 39 No. of Claims: 23

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HEPATITIS C VIRUS INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D403/14,C07D405/14 :61/286,942 :16/12/2009 :U.S.A. :PCT/US2010/060077 :13/12/2010 :WO 2011/075439 A1 :NA :NA :NA	(71)Name of Applicant: 1)BRISTOL-MYERS SQUIBB COMPANY Address of Applicant: P.O. BOX 4000, ROUTE 206 AND PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-4000 U.S.A. (72)Name of Inventor: 1)BELEMA, MAKONEN 2)ROMINE, JEFFREY, LEE 3)NGUYEN, VAN, N. 4)WANG, GAN 5)LOPEZ, OMAR, D. 6)ST. LAURENT, DENIS, R. 7)CHEN, QI 8)BENDER, JOHN, A. 9)YANG, ZHONG 10)HEWAWASAM, PIYASENA 11)XU, NINGNING 12)MEANWELL, NICHOLAS, A. 13)EASTER, JOHN, A. 14)SU, BAO-NING 15)SMITH, MICHAEL, J
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(57) Abstract:

The present disclosure relates to compounds, compositions and methods for the treatment of Hepatitis C virus (HCV) infection. Also disclosed are pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HCV infection.

No. of Pages: 299 No. of Claims: 14

(21) Application No.4985/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: INTEGRAL TRACKING TAG FOR CONSUMER GOODS

(51) International :G06K19/077,G06K19/02,G06K19/04

classification

(31) Priority Document No :12/619,707 (32) Priority Date :17/11/2009 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2010/056708

Application No :15/11/2010 Filing Date

(87) International

:WO 2011/062868 A1 Publication No

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

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

(71)Name of Applicant:

1)AVERY DENNISON CORPORATION

Address of Applicant: 150 N. ORANGE GROVE BLVD.,

PASADENA, CA 91103 U.S.A.

(72)Name of Inventor: 1)TIEDMANN, HEIKO 2)POGGEMEIER, DIRK

3)HAUCK, KAI

(57) Abstract:

The present invention relates to an integral garment tag used for tracking and inventory control purposes. The tag includes a flexible fabric substrate which is wrapped around an RFID inlay to conceal the RFID inlay within the tag. The tag may then be attached to a garment or other consumer good along a single edge with instructions on the care and removal of the tag to satisfy privacy concerns. Removal of the tag will not interfere with the wearing of the garment.

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

(21) Application No.4989/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: 8-AZABICYCLO[3.2.1]OCTANE-8-CARBOXAMIDE DERIVATIVE

(51) International :C07D451/02,A61K31/46,A61K31/497 classification

(31) Priority Document No:2009-258451 (32) Priority Date :11/11/2009

(33) Name of priority :Japan

country

(86) International :PCT/JP2010/070095 Application No

:11/11/2010 Filing Date

(87) International

:WO 2011/059021 A1 Publication No

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

(71)Name of Applicant:

1)DAINIPPON SUMITOMO PHARMA CO., LTD. Address of Applicant :6-8, DOSHO-MACHI 2-CHOEM.

CHUO-KU, OSAKA-SHI, OSAKA 541-8524 Japan

(72)Name of Inventor:

1)HORIUCHI, YOSHIHIRO 2)SAWAMURA, KIYOTO 3)FUJIWARA, HIROAKI

(57) Abstract:

Disclosed is a compound represented by formula (1) or a pharmacologically acceptable salt thereof. (In the formula, A represents a group that is represented by formula (A-I); RIa and RIb may be the same or different and each independently represents a C1-6 alkyl group which may be substituted by one to three halogen atoms; m and n each independently represents an integer of 0-5; X1 represents a hydroxyl group or an aminocarbonyl group; Z1 represents a single bond or the like; and R2 represents an optionally substituted C1-6 alkyl group, an optionally substituted C6-10 aryl group or the like.)

No. of Pages: 224 No. of Claims: 40

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR MANUFACTURING LITHIUM ION SECONDARY BATTERY

(51) International

:H01M10/0567,H01M10/052,H01M10/058

classification

(31) Priority :2009-263433 Document No

(32) Priority Date

:19/11/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2010/067051

Filing Date

:30/09/2010

(87) International

:WO 2011/061999 A1

Publication No

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

Filing Date (62) Divisional to

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

(71)Name of Applicant:

1)NEC ENERGY DEVICES, LTD.

(21) Application No.5314/CHENP/2012 A

Address of Applicant: 1120. SHIMOKUZAWA. CHUO-KU.

SAGAMIHARA-SHI, KANAGAWA 252-5298 Japan

(72)Name of Inventor:

1)TOMOKAZU KUMEUCHI

2)KOICHI ZAMA 3)DAISUKE KONO

(57) Abstract:

There is provided a lithium ion secondary battery exhibiting a high capacity retention rate over a long period. There is also provided a method for manufacturing a lithium ion secondary battery including a positive electrode, a negative electrode containing a negative electrode active material layer containing a graphite, an aprotic electrolyte solution containing a sulfonate ester having at least two sulfonyl groups, and a packaging material including a laminate film involving the positive electrode, the negative electrode and the aprotic electrolyte solution, the method including: enclosing the positive electrode, the negative electrode and the aprotic electrolyte solution in the packaging material to fabricate a lithium ion secondary battery before pre-charging the lithium ion secondary battery before pre-charge to fabricate a lithium ion secondary battery after pre-charge; and opening the enclosure of the packaging material of the lithium ion secondary battery after pre-charge, thereafter vacuum sealing the packaging material, and regularly charging the lithium ion secondary battery after pre-charge, wherein the current for The pre-charge is 0.05 to 0.25 C, and the voltage thereof is 3.3 to 3.5 V.

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

(21) Application No.5401/CHENP/2012 A

Address of Applicant: 54, RUE LA BOETIE, 75008, PARIS

(71)Name of Applicant:

(72)Name of Inventor:

3)PANG, ZHEN

1)DRESSLER, HOLLY

2)ECONOMIDES, KYRIAKOS, D.

1)SANOFI

France

(19) INDIA

(22) Date of filing of Application :21/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: TRANSGENIC NON-HUMAN ANIMAL AND USES THEREOF

(51) International :C12N9/02,A01K67/027,C12N15/85 classification (31) Priority Document No :61/288.480 (32) Priority Date :21/12/2009 (33) Name of priority :U.S.A. country (86) International

:NA

:PCT/US2010/060909 Application No

:17/12/2010 Filing Date

(87) International Publication :WO 2011/084659 A1

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

4) POLITES, HARRY GREGORY

(57) Abstract:

Filing Date

The present invention relates generally to transgene constructs, transgenic non-human animals comprising transgene constructs, methods of making and methods of using the transgenic non-human animals comprising transgene constructs. An embodiment of the invention relates to methods of assaying the activation of GPCR ligands non-invasively in whole animals, tissue slices, or in native cells using a transgenic model containing a bioluminescent transgene reporter system that is responsive to pathway modulation following ligand binding of GPCR receptors.

No. of Pages: 135 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.5402/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: FUSIBLE LINK UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:24/12/2010 :WO 2011/078415 A1 :NA	(71)Name of Applicant: 1)YAZAKI CORPORATION Address of Applicant: 4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)NOHARA, MAMI
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In such a state that a resin cover 26 is placed to deviate relatively largely from its proper fitting position, the locking of the resin cover 26 is made not to be effected by the presence of half-fitting prevention projections 38. Namely, a position at an upper edge portion of a cover main body 41 which lies in the vicinity of a right-hand side corner thereof rides on the half-fitting prevention projection 38, as a result of which a locking portion 42 is prevented from being hooked on a locking projection 34, whereby the resin cover 26 is prevented from proper locking. Since the working person can easily understand that the resin cover 26 is being placed in a half-fitting position in the event that the resin cover 26 is prevented from proper locking, the resin cover 26 can be fitted on in a proper fitting position in the event that the working person replaces the resin cover 26 so as to correct the deviation thereof.

No. of Pages: 22 No. of Claims: 2

(22) Date of filing of Application :21/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: POWER SEMICONDUCTOR DEVICE

(51) International :H01L29/08,H01L29/10,H01L29/74

classification (31) Priority Document No :09180284.3

(32) Priority Date :22/12/2009 (33) Name of priority country: EPO

(86) International Application :PCT/EP2010/069590

:14/12/2010 Filing Date

(87) International Publication :WO 2011/076613 A1

No

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

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

(57) Abstract:

(71)Name of Applicant: 1)ABB TECHNOLOGY AG

Address of Applicant : AFFOLTERNSTRASSE 44, CH-8050

ZURICH Switzerland (72)Name of Inventor: 1)RAHIMO, MUNAF

The power semiconductor device (1) with a four-layer npnp structure and a cathode side (11) and an anode side (12), which is arranged opposite to the cathode side (11), can be turned-off via a gate electrode (4). The layers are arranged between a cathode electrode (2) on the cathode side (11) and an anode electrode (3) on the anode side (12) in the following order: - a cathode layer (5) of a first conductivity type with a central area, which is surrounded by a lateral edge, which cathode layer (5) is in direct electrical contact to the cathode electrode (2), - a base layer (6) of a second conductivity type, - a drift layer (7) of the first conductivity type, wherein the drift layer (7) has a lower doping concentration than the cathode layer (5) and - an anode layer (8) of the second conductivity type, which is in electrical contact to the anode electrode (3). The gate electrode (4) is arranged on the cathode side (11) lateral to the cathode electrode (2) and the gate electrode (4) is in electrical contact to the base layer (6). The base layer (6) comprises at least one first layer (61) as a continuous layer, which is contacting the central area of the cathode layer (5). A resistance reduction layer (10,10, 10), in which the resistance at the junction between the lateral edge of the cathode layer (5) and the base layer (6) is reduced, is arranged between the first layer (61) and the cathode layer (5) and covers the lateral edge of the cathode layer (5), which resistance reduction layer (10, 10, 10) is of the second conductivity type (10) and has a higher doping concentration than the first layer (61) or which resistance reduction layer is of the first conductivity type (10) and has a lower doping concentration than the cathode layer (5), but higher than the drift layer (7).

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

(21) Application No.5208/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RECEIVER APPARATUS, RECEIVING METHOD, AND PROGRAM

(51) International classification(31) Priority Document No	:H04J99/00,H04B7/04,H04J11/00 :2009-264256	(71)Name of Applicant: 1)NEC CORPORATION
(32) Priority Date	:19/11/2009	Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 108-8001 Japan
(86) International Application	:PCT/JP2010/071071	2)NTT DOCOMO, INC.
No	:18/11/2010	(72)Name of Inventor:
Filing Date	.16/11/2010	1)WAKIZAKA, YOSHIKI
(87) International Publication No	:WO 2011/062293 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An interpolation method selection processing section 41 derives, from a ZF output signal, an error in a frequency direction and an error in a time direction concerning two transmit antennas (TxAnt#0#l) used in two antenna transmission, respectively, and determines if the error in the frequency direction is smaller than the error in the time direction. In case the determination indicates that the error in the frequency direction is smaller than the error in the time direction concerning the two transmit antennas (TxAnt#0#l), a frequency interpolation processing section 43 interpolates the ZF output signal in the frequency direction and produces a provisional estimate. If it is determined that the error in the frequency direction is not smaller than the error in the time direction concerning the two transmit antennas (TxAnt#0#l), a time interpolation processing section 42 interpolates the ZF output signal in the time direction and generates a provisional estimate. The invention is applicable to an LTE wireless communication system.

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

(21) Application No.5309/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: IMPROVED CONTROL OVER CONTROLLED RADICAL POLYMERIZATION PROCESSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08F2/40,C08F4/40 :12/653,937 :18/12/2009 :U.S.A. :PCT/US2010/001775 :21/06/2010 :WO 2011/075156 A1	(71)Name of Applicant: 1)ATRP SOLUTIONS, INC. Address of Applicant: 855 WILLIAM PITT WAY, PITTSBURGH-PA 15238 U.S.A. (72)Name of Inventor: 1)SPANSWICK, JAMES 2)JAKUBOWSKI, WOJCIECH
(87) International Publication No	:WO 2011/075156 A1	2)JAKUBOWSKI, WOJCIECH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		•

(57) Abstract:

A procedure for improved temperature control in controlled radical polymerization processes is disclosed. The procedure is directed at controlling the concentration of the persistent radical in ATRP and NMP polymerizations procedures and the concentration of radicals in a RAFT polymerization process by feeding a reducing agent or radical precursor continuously of intermittently to the reaction medium through one of the more ports.

No. of Pages: 84 No. of Claims: 14

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5421/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD TO DIAGNOSE A NOX SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01M15/00 :61/286,958 :16/12/2009 :U.S.A. :PCT/US2010/060805 :16/12/2010 :WO 2011/075582 A1 :NA :NA :NA	(71)Name of Applicant: 1)CUMMINS FILTERATION IP INC Address of Applicant: 1400 73RD AVENUE NE, MINNEAPOLIS, MN 55432 U.S.A. (72)Name of Inventor: 1)XIAO LIN 2)DANIEL W. WILHELM 3)BAOHUA QI 4)XI WEI
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(57) Abstract:

A method includes raising a temperature of an SCR catalyst for a predetermined time period while dosing urea. The method further includes maintaining the temperature of the SCR catalyst without dosing urea for a second predetermined time period. The method further includes filtering out at least low frequency data from a first NOx sensor upstream of the SCR catalyst and from a second NOx sensor downstream of the SCR catalyst, and comparing the filtered data from the first NOx sensor and the second NOx sensor without dosing urea over a third predetermined time period. The method further includes providing a NOx sensor condition index for at least one of the first NOx sensor and the second NOx sensor in response to the comparing.

No. of Pages: 48 No. of Claims: 26

(22) Date of filing of Application :21/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOLECULAR PROBE FOR IMAGING OF PANCREATIC ISLETS AND USE OF THE SAME

(51) International classification :A61K51/00,C07K1/13,C07K14/605

(31) Priority Document No :2009-280396 (32) Priority Date :10/12/2009

(32) Priority Date :10/12/2009 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2010/072041

Filing Date :08/12/2010

(87) International Publication :WO 2011/071083 A1

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

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

(71)Name of Applicant: 1)KYOTO UNIVERSITY

Address of Applicant :36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO 606-8501 Japan

2)ARKRAY, INC. (72)Name of Inventor: 1)SAJI, HIDEO

2)INAGAKI, NOBUYA 3)TOYODA, KENTARO 4)KIMURA, HIROYUKI 5)HIRAO, KONOMU 6)NAGAKAWA, KENJI 7)MATSUDA, HIROKAZU

(57) Abstract:

A molecular probe for use in imaging of pancreatic islets is provided. The molecular probe comprises a polypeptide represented by the following formula (1), (2), or (3), or a polypeptide having homology with the foregoing polypeptide, Z-

HGEGTFTSDLSXQMEEEAVRLFIEWLKNGGPSSGAPPPS-NH2 (1) (SEQ ID NO. 1) Z-

HGEGTFTSDLSKQMEEEAVRLFIEWLXNGGPSSGAPPPS-NH2 (2) (SEQ ID NO. 2) B-

HGEGTFTSDLSKQMEEEAVRLFIEWIiQGGPSSGAPPPS-NH2 (3) (SEQ ID NO. 3) where, in the formulae (l) and (2), X represents a lysine residue, an amino group of a side chain of the lysine residue bail labeled with a radioactive nuclide, and Z-indicates that an a-amino group at an N-terminus is not modified, or is modified with a modifying group having no electric charge; in the formula (3), B- indicates that an a-amino group at an N-terminus is labeled with a radioactive uncured and in the formulae (l), (2), and (3), -NH2 indicates that a carboxyl group at a C-terminus is amidated.

No. of Pages: 102 No. of Claims: 15

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : T-COIL NETWORK DESIGN FOR IMPROVED BANDWIDTH AND ELECTROSTATIC DISCHARGE IMMUNITY

(51) International classification	:G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:12/615,173	1)XILINX, INC.
(32) Priority Date	:09/11/2009	Address of Applicant :2100 LOGIC DRIVE, SAN JOSE, CA
(33) Name of priority country	:U.S.A.	95124 U.S.A.
(86) International Application No	:PCT/US2010/042127	(72)Name of Inventor:
Filing Date	:15/07/2010	1)KIREEV, VASSILI
(87) International Publication No	:WO 2011/056270 A1	2)KARP, JAMES
(61) Patent of Addition to Application	:NA	3)TRAN, TOAN, D.
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
I ming Date	.11/1	

(57) Abstract:

An embodiment of a method to generate a circuit design comprising a T-coil network can include determining inductrance for inductors and a parasitic bridge capacitance of the T-coil network (305-340). The panasitic bridge capacitance can be compared with a load capacitance metric that depends upon parasitic capacitance of a load coupled to an output of the T-coil network (345, 355). An amount of electrostatic discharge (ESD) protection of the circuit design that is coupled the output of the T-coil network and/or a parameter of the inductors of the T-coil network can be selectively adjusted according to the comparison (350, 360). The circuit design, which can specify inductance of the inductors, the amount of ESD protection, and/or the width of windings of the inductors can be output.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PUNCH-THROUGH SEMICONDUCTOR DEVICE AND METHOD FOR PRODUCING SAME

(51) International :H01L29/739,H01L21/331,H01L29/06 classification

(31) Priority Document No :09175454.9

(32) Priority Date :10/11/2009 (33) Name of priority

:EPO country

(86) International

:PCT/EP2010/067175 Application No

:10/11/2010 Filing Date

(87) International

:WO 2011/058035 A3 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant: 1)ABB TECHNOLOGY AG

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050

ZURICH Switzerland (72)Name of Inventor: 1)RAHIMO, MUNAF 2)KOPTA, ARNOST 3)VOBECKY, JAN

4) JANISCH, WOLFGANG

(57) Abstract:

Filing Date

A maximum-punch-through semiconductor device (1) such as an insulated gate bipolar transistor (IGBT) or a diode and a method for producing same are proposed. The MPT semiconductor device (1) comprises at least a two-layer structure having layers in the following order; an emitter metallization (3), a channel region (10), a base layer (4) with a predetermined doping concentration No, a buffer layer (5) and a collector metallization (7). A thickness W of the base layer is determined by wherein a punch-through voltage Vpt of the semiconductor device is between 70 % and 99 % of a break down voltage Vbd of the semiconductor device, and wherein the thickness W is a minimum thickness of the base layer (4) between the junction to the channel region (10) and the buffer layer (5). With the design rule provided, an IGBT or diode having low electrical losses and soft turn-off characteristics may be provided. A shallow buffer layer (5) having a thickness of less than 10 may be used. Such thin buffer layer may be easily produced using for example ion implantation techniques.

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

(21) Application No.4044/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HIGH PRESSURE LDPE FOR MEDICAL APPLICATIONS

(51) International classification	:C08F110/02,A61J1/05	(71)Name of Applicant :
(31) Priority Document No	:09014063.3	1)BASELL POLYOLEFINE GMBH
(32) Priority Date	:10/11/2009	Address of Applicant :BRUHLER STRASSE 60, 50389
(33) Name of priority country	:EPO	WESSELING Germany
(86) International Application No	:PCT/EP2010/006829	(72)Name of Inventor:
Filing Date	:10/11/2010	1)MANNEBACH, GERD
(87) International Publication No	:WO 2011/057764 A1	2)BEUZELIN, CATHRINE
(61) Patent of Addition to Application	:NA	3)SCHMIDT, CHRISTIAN-ULRICH
Number	:NA	4)MAURER, THOMAS
Filing Date	.11/1	5)MULLER, JORN
(62) Divisional to Application Number	:NA	6)WORZ, ALEXANDER
Filing Date	:NA	7)FREUDENSTEIN,MIKE

(57) Abstract:

A novel LDPE from radical, high pressure polymerization is devised.

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

(21) Application No.4045/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD

(51) International classification :C22C14/00,B22F1/02,B22F3/22 (71)Name of Applicant:

(31) Priority Document No :0917988.8 (32) Priority Date :14/10/2009

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

(86) International Application :PCT/GB2010/051724

No

:13/10/2010 Filing Date

(87) International Publication No: WO 2011/045601 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)JOHNSON MATTHEY PUBLICLIMITED COMPANY

Address of Applicant: 5TH FLOOR, 25 FARRINGDON

STREET, LONDON EC4A 4AB U.K.

(72)Name of Inventor:

1) HAMILTON, HUGH, GAVIN, CHARLES

(57) Abstract:

The present invention relates to a method for controlling the carbon and/or oxygen content in a material comprising the steps of: a) forming a feedstock composition comprising at least one powder, at least one platinum group metal and at least one binder; and b) forming the material by powder injection molding; wherein at least a proportion of the carbon and/or oxygen is catalytically removed by the at least one platinum group metal

No. of Pages: 20 No. of Claims: 19

(12) TATENT ATTLICATION TOBLICATION

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CONTROLLING THE NORMAL:ISO ALDEHYDE RATIO IN A MIXED LIGAND HYDROFORMYLATION PROCESS

(51) International classification :C07C45/50,C07(31) Priority Document No :61/289,189 (32) Priority Date :22/12/2009 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060480 Filing Date :15/12/2010

(87) International Publication No :WO 2011/087690 A1

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

Filing Date

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

:C07C45/50,C07C47/02 (71)Name of Applicant :

1)DOW TECHNOLOGY INVESTMENTS LLC

Address of Applicant :2020 DOW CENTER, MIDLAND,

MICHIGAN 48674 U.S.A. (72)Name of Inventor:

1)EISENSCHMID, THOMAS, C.

(21) Application No.5446/CHENP/2012 A

2)SAWREY, JEFFREY, S. 3)MILLER, GLENN, A.

4)BRAMMER, MICHAEL, A.

(57) Abstract:

(19) INDIA

A method of controlling an in-series, multiple, e.g., two, reaction zone, hydroformylation process for producing normal (N) and iso (I) aldehydes at a N:I ratio, the process comprising contacting an olefinically unsaturated compound with synthesis gas and a catalyst comprising (A) a transition metal, e.g., rhodium, (B) an organobisphosphite ligand, and (C) an organomonophosphite ligand, the contacting conducted in first and subsequent reaction zone(s) and at hydroformylation conditions comprising a transition metal concentration in each zone, the method comprising decreasing the transition metal concentration in the first reaction zone to decrease the N:I ratio or increasing the transition metal concentration in the first reaction zone to increase the N:I ratio.

No. of Pages: 34 No. of Claims: 15

(21) Application No.3604/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR MANUFACTURING CONNECTOR

(51) International classification :H01R43/00,H01R13/648 (71)Name of Applicant : (31) Priority Document No :2010-091212 (32) Priority Date :12/04/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/058881

Filing Date :08/04/2011

(87) International Publication No :WO 2011/129271 A1

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

1)YAZAKI CORPORATION

Address of Applicant :4-28, MITA 1-CHOME, MINATO-KU,

TOKYO 108-8333 Japan (72)Name of Inventor: 1)OMAE, TAKASHI 2)ZAITSU, KAZUKI

(57) Abstract:

In order to avoid cost for accommodating a shield wire in a housing while bending, and smoothly and readily accommodate within the housing while the shield electric wire is insulated, a conductive housing 1 including a rear wall 4 continuing to an annular wall 3, and a tube wall 5 continuing to down the rear wall 4, a method comprising the steps of: passing through a shield electric wire 2 from a lower opening 5a of the tube wall of the conductive housing to a front opening 3a of the annular wall while bending the shield electric wire; putting a shield terminal 9 movably around the shield electric wire from top of the shield electric wire; exposing a core wire 2b and a braid 2a of the shield electric wire by stripping a tip thereof; connecting an L-shaped terminal 11 to the core wire; mounting an L-shaped insulation inner housing 12 outside the L-shaped terminal; connecting -the shield terminal to the braid; and accommodating a vertical part 14 of the inner housing within the conductive housing by pulling in the shield electric wire in an direction contrary to that of the shield electric wire having being passed through, so as to project a horizontal part 13 of the inner housing from the front opening.

No. of Pages: 31 No. of Claims: 4

(21) Application No.3683/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INJECTION MOLDING METHOD

(51) International classification	:B29C45/57,B29C45/56	(71)Name of Applicant:
(31) Priority Document No	:0917173.7	1)CLARKE, PETER, REGINALD
(32) Priority Date	:30/09/2009	Address of Applicant :2 FLINT COTTAGES, WOODCOTE
(33) Name of priority country	:U.K.	FARM, GRAFFHAM, PETWORTH WEST SUSSEX GU28 0NU
(86) International Application No	:PCT/EP2010/064525	U.K.
Filing Date	:30/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/039296 A1	1)CALRKE, PETER, REGINALD
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of injection moulding an article, the method comprising the steps of: (a) providing an injection mould comprising first and second mould parts, and having at least one movable portion of one of the first and second mould parts; (b) disposing the first and second mould parts in a fully closed configuration so as to define a mould cavity therebetween for moulding an article, in the fully closed configuration the first and second mould parts defining a cavity outer surface which defines the outer shape of the article to be moulded in the mould cavity; (c) injecting molten material into the cavity at an injection mlet of the cavity; (d) during the injecting step, moving at least one movable portion of one of the first and second mould parts from a forward position, defining the article to be moulded, to a rearward position thereby to increase the volume of the mould cavity in the fully closed configuration and to reduce the flow length/thickness ratio of the cavity; (e) filling the mould cavity with the molten material; and (f) after filling the mould cavity, returning the at least one movable portion fi-om the rearward position to the forward position thereby expelling excess molten material back through the injection inlet.

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

(21) Application No.4937/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: OPTICAL FIBER CABLE

(51) International classification	:G02B6/44	(71)Name of Applicant:
(31) Priority Document No	:2009-275007	1)FUJIKURA LTD.
(32) Priority Date	:02/12/2009	Address of Applicant :5-1, KIBA 1-CHOME, KOTO-KU,
(33) Name of priority country	:Japan	TOKYO 135-8512 Japan
(86) International Application No	:PCT/JP2010/071591	(72)Name of Inventor:
Filing Date	:02/12/2010	1)SAITO, KOUJI
(87) International Publication No	:WO 2011/068163	2)OKADA, NAOKI
(87) International Fublication No	A1	3)YAMANAKA, MASAYOSHI
(61) Patent of Addition to Application	:NA	4)FUKUTE, TAKAO
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical fiber cable includes: a slotted core 4 which houses and holds an optical fiber 1 in a rectilinear slotted groove 3 disposed along a longitudinal direction of the cable; a cylindrical sheath 6 covering the entire slotted core 4; a rectilinear hanger line 8 integrally provided continuously to the sheath 6; and a rectilinear tension member 7 mounted in the slotted core 4. The tension member 7 is located in a region having an angle about the cable center line within a predetermined value with respect to a plane including a center line of the suspension wire 8 and the cable center line.

No. of Pages: 22 No. of Claims: 6

(19) INDIA

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

(21) Application No.5441/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: SEQUENCE DEPENDENT AGGREGATION

(51) International classification	:C07K16/00,C07K16/28	(71)Name of Applicant:
(31) Priority Document No	:09015832.0	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:22/12/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/070063	(72)Name of Inventor:
Filing Date	:17/12/2010	1)KETTENBERGER, HUBERT
(87) International Publication No	:WO 2011/076684 A1	2)KLOSTERMANN, STEFAN
(61) Patent of Addition to Application	:NA	3)KOHNERT, ULRICH
Number	:NA	4)NEUMANN, SEBASTIAN
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Herein is reported a method for reducing the aggregation of an immunoglobulin in solution comprising the steps of i) comparing the amino acid sequence of the fourth framework region of the heavy chain of an antibody with a reference or germline sequence and determining whether one or more threonine residues and/or serine residues have been replaced by a different amino acid residue, and ii) modifying the amino acid sequence of the immunoglobulin by reverting the exchanged threonine residues and/or serine residues back to threonine or serine of the reference or germline sequence and thereby reducing the aggregation of an immunoglobulin in solution.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLUID FILLED LENSES AND MECHANISMS OF INFLATION THEREOF

(31) Priority Document No :61/251,8 (32) Priority Date :10/10/20 (33) Name of priority country :U.S.A. (86) International Application No Filing Date :15/10/20	(72)Name of Inventor: 1)SENATOR, DANIEL 2)PETERSON, MATTHEW WALLACE 3)DOWNING JONATHAN
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(57) Abstract:

An actuator for a fluid-filled lens including a housing having a first and a second end; a reservoir disposed within the housing. In an embodiment, a slider is slidingly disposed within the housing and disposed adjacent to the reservoir. In an embodiment, the actuator further includes a compression arm having a first end that is fixed and a second end that is not fixed, wherein the compression arm is disposed adjacent to the reservoir. Sliding the slider from one end of the housing to the other causes the slider to push the second end of the compression arm so as to compress the reservoir. In an embodiment, the slider includes a first end having a wedge shape configured to compress the reservoir. Sliding of the slider from one end of the housing to the other causes the first end of the slider to compress the reservoir.

No. of Pages: 49 No. of Claims: 18

(21) Application No.5008/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VIRTUALSTORAGE TARGET OFFLOAD TECHNIQUES

(51) International classification	:G06F9/44,G06F15/17	(71)Name of Applicant:
(31) Priority Document No	:12/640,272	1)MICROSOFT CORPORATION
(32) Priority Date	:17/12/2009	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052-6399 U.S.A.
(86) International Application No	:PCT/US2010/057871	(72)Name of Inventor:
Filing Date	:23/11/2010	1)OSHINS, JACOB
(87) International Publication No	:WO 2011/084257 A3	2)GREEN, DUSTIN L.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A virtual machine storage service can be use a unique network identifier and a SR-IOV compliant device can be used to transport I/O between a virtual machine and the virtual machine storage service. The virtual machine storage service can be offloaded to a child partition or migrated to another physical machine along with the unique network identifier.

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

(21) Application No.5227/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: TEMPERATURE CONTROL DEVICE

(51) International classification :G02B7/00,G01J5/04,G01J5/08 (71)Name of Applicant :

(31) Priority Document No :0906184 (32) Priority Date :18/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000794 Filing Date :29/11/2010

(87) International Publication No :WO 2011/073541 A1

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

1)WINTECH

Address of Applicant :22 ROUTE DE NAY, F-64110 UZOS

(72)Name of Inventor:

1)CROTTEREAU, OLIVER 2)FERNANDEZ, JOSE

(57) Abstract:

Filing Date

The invention relates to a temperature control device (1) intended to be attached inside an opening (2) of a wall (8) defining an area to be controlled, said device including: a frame (4) intended to be fitted into said opening (2), provided with a means for attachment onto said opening, and with a sealing means for ensuring that the wall (8) is sealed at the opening (2); a heat sensor (5) that is housed inside the frame (4) and is arranged so as to receive infrared waves and convert said waves into electrical signals; and an optical system (6) that is rigidly connected to the frame (4) and is intended for focusing the infrared waves, coming from the area to be controlled, toward said heat sensor (5). The invention also relates to a chamber, having an opening and at least one such temperature control device mounted into said chamber. The invention moreover relates to a method for mounting such a temperature control device into an opening of a wall defining an area to be controlled.

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

(21) Application No.5459/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: CARBON MICROPARTICLE AND PROCESS FOR PRODUCING THEREOF

:NA

(51) International classification :C01B31/02,B01J23/745 (71)Name of Applicant : (31) Priority Document No 1)TORAY INDUSTRIES, INC. :2009-292120 (32) Priority Date Address of Applicant: 1-1. NIHONBASHI-MUROMACHI 2-:24/12/2009 (33) Name of priority country CHOME, CHUO-KU, TOKYO 103-8666 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2010/072957 1)ASANO, ITARU Filing Date :21/12/2010 (87) International Publication No :WO/2011/078145 2)TAKEZAKI, HIROSHI (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to a process for producing carbon microparticles, characterized in that synthetic resin microparticles, metal-containing synthetic resin microparticles or child-particle-containing synthetic resin microparticles are subjected to carbonization baking, wherein the synthetic resin microparticles, the metal-containing synthetic resin microparticles or the child-particle-containing synthetic resin microparticles are produced by a process comprising mixing a polymer (A) such as polyacrylonitrile copolymer microparticles composed of a copolymer of an acrylonitrile monomer and a hydrophilic vinyl monomer with a polymer (B) that is different from the polymer (A) in an organic solvent to produce an emulsion and bringing the emulsion into contact with a poor solvent for the polymer (A), thereby causing the polymer (A) to precipitate; and the carbon microparticles.

No. of Pages: 100 No. of Claims: 18

(21) Application No.5200/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DRY GROWTH HORMONE COMPOSITION TRANSIENTLY LINKED TO A POLYMER CARRIER

(51) International classification :A61K9/14,A61K47/48,A61K9/19 (71)Name of Applicant: (31) Priority Document No :09179335.6 1)ASCENDIS PHARMA AS (32) Priority Date :15/12/2009 Address of Applicant : TUBORG BOULEVARD 12, DK-2900 (33) Name of priority country HELLERUP Denmark :EPO (86) International Application (72)Name of Inventor: :PCT/EP2010/069710 1)RASMUSSEN, GRETHE NORSKOV No :15/12/2010 Filing Date 2)KINDERMANN, SUSANNE (87) International Publication 3)RAU, HARALD :WO 2011/073234 A3 4)WEGGE, THOMAS (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

The present invention relates to dry compositions of rhGH polymer prodrug containing a lyoprotectant and, optionally, one or more than one excipient. Such compositions are stable for at least 1 year, when stored at 2-8°C. The invention further relates to methods of manufacturing said compositions, containers comprising such composition as well as a kit of parts.

No. of Pages: 79 No. of Claims: 35

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SINGLE MICROSTRUCTURE LENS, SYSTEMS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/288,255 :18/12/2009 :U.S.A.	(71)Name of Applicant: 1)ABBOTT MEDICAL OPTICS INC. Address of Applicant:1700 E. ST. ANDREW PLACE, SANTA ANA-CA 92705 U.S.A. (72)Name of Inventor: 1)WEEBER, HENDRIK, A.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/075641 A3 :NA :NA :NA :NA	

(21) Application No.5318/CHENP/2012 A

(57) Abstract:

Systems and methods for providing enhanced image quality across a wide and extended range of foci encompass vision treatment techniques and ophthalmic lenses such as contact lenses and intraocular lenses (10Ls). Exemplary 10L optics can include a circular surface structure which acts as a diffractive or phase shifting profile. In some cases, a single ring 10L includes an anterior face and a posterior face, where a profile can be imposed on the anterior or posterior surface or face. The profile can have an inner portion such as a micro structure or central echeiette, and an outer portion. Between the inner portion and the outer portion, there may be a transition zone that connects the miner and outer portions.

No. of Pages: 62 No. of Claims: 20

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: A METHOD OF ROLLING RAILS, APPARATUS FOR ROLLING RAILS AND RAIL PRODUCED ACCORDING TO SAID METHOD

(51) International classification	:B21B1/085	(71)Name of Applicant :
(31) Priority Document No	:09014727.3	1)TATA STEEL UK LIMITED
(32) Priority Date	:26/11/2009	Address of Applicant :30 MILLBANK, LONDON SW1P
(33) Name of priority country	:EPO	4WY U.K.
(86) International Application No	:PCT/EP2010/007102	(72)Name of Inventor:
Filing Date	:24/11/2010	1)SHIPTON, DAMIAN, GERARD
(87) International Publication No	:WO 2011/063935 A2	2)NORFOLK, DARREN, MICHAEL
(61) Patent of Addition to Application	AZ	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 1		l .

(57) Abstract:

This invention relates to a method of rolling steel rails comprising: a method of rolling steel rails comprising: providing a rail blank (5), the blank comprising a foot portion (2), a head portion (3) and a web portion (4) connecting the foot portion to the head portion; finishing the rail blank to form a steel rail (6) in a multi-stand continuous tandem finishing mill comprising at least one horizontal stand (H) and at least five four-roll universal stands (U), wherein each universal stand (Ux) only contains flat vertical rolls for forming the lower foot portion (2a) and the head portion (3a) of the rail, and wherein each universal stand (Ux) contains two shaped horizontal rolls for forming the sides (6a, 6b) of the rail and particularly the web portion (4a, 4b) of the rail, wherein the rail blank is passed only once through said finishing mill, and wherein in at least one combination of two subsequent stands U1 and Ul+1 the rail is worked on the foot and not on the head using the flat vertical rolls in U1 and wherein the rail is worked on the head and not on the head and not on the head and not on the head using the flat vertical rolls in Ul+1. The invention also relates to an apparatus for carrying out said method, and to a product produced therewith.

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

(21) Application No.5454/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MICROORGANISM CONCENTRATION PROCESS AND CONCENTRATION AGENT FOR USE THEREIN

(51) International classification	:G01N1/40,B01J20/02,B01J20/10	(71)Name of Applicant :
(31) Priority Document No	:61/289,213	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No Filing Date	:PCT/US2010/060947 :17/12/2010	(72)Name of Inventor: 1)KSHIRSAGAR, MANJIRI T.
(87) International Publication No	:WO 2011/079038 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for capturing or concentrating microorganisms for detection or assay comprises (a) providing an adsorption buffer-modified inorganic concentration agent that is prepared by a process comprising (1) contacting at least one inorganic concentration agent with at least one cation-containing salt solution, so as to wet at least a portion of the inorganic concentration agent and (2) drying the resulting at least partially wet inorganic concentration agent; (b) providing a sample comprising at least one microorganism strain; and (c) contacting the adsorption buffer-modified inorganic concentration agent with the sample such that at least a portion of the at least one microorganism strain is bound to or captured by the adsorption buffer-modified inorganic concentration agent.

No. of Pages: 50 No. of Claims: 25

(21) Application No.5343/CHENP/2012 A

3)YAMADA, RYOTA

(19) INDIA

(22) Date of filing of Application: 19/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: RECEPTION DEVICE, RECEPTION METHOD, AND RECEPTION PROGRAM

(51) International classification :H04J11/00,H04B7/04,H04J99/00 (71)Name of Applicant: (31) Priority Document No :2009-281455 1)SHARP KABUSHIKI KAISHA (32) Priority Date Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, :11/12/2009 (33) Name of priority country OSAKA-SHI, OSAKA 545-8522 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2010/063625 1)KATO, KATSUYA :11/08/2010 Filing Date 2)YOSHIMOTO, TAKASHI

(87) International Publication :WO 2011/070822 A1

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

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

(57) Abstract:

A channel estimator (b107) estimates a channel estimation value. A symbol replica generator (b111) generates a symbol replica that is a modulation symbol of the information demodulated. A signal extractor (B1) extracts, in a plurality of time durations, each of subcarrier elements of the reception signal from which an interference is cancelled, based on the channel estimation and the symbol replica. A demodulator (M09) demodulates signals on the subcarrier elements of the reception signal, based on signals in the plurality of time durations which are extracted by the signal extractor (B1).

No. of Pages: 99 No. of Claims: 13

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS OF DETECTING MICROORGANISMS AND KITS THEREFORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/288,883 :22/12/2009 :U.S.A.	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A. (72)Name of Inventor: 1)ROSCOE, STEPHEN, B. 2)BOLEA, PHILLIP, A. 3)MOELLER, STEPHANIE J.
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(57) Abstract:

A method of detecting microorganisms in a test sample is provided. The method includes the steps of: a) incubating the test sample with a growth media to form an incubated sample, wherein the growth media includes an enzyme substrate and the enzyme substrate includes an enzymatically hydrolysable group and a fluorescent group, wherein microorganisms present in the test sample include an enzyme that hydrolyzes the hydrolysable group from the fluorescent group to form a fluorescently detectable product, wherein the fluorescently detectable product has both an acidic and basic species; b) exciting the fluorescently detectable product with light having a wavelength of Exso for a time sufficient for the fluorescently detectable product to emit light, wherein is the absorbance isosbestic point of the fluorescently detectable product; and c) detecting light emitted at a wavelength of EmXI.

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

(21) Application No.5465/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD AND ALLOCATION UNIT FOR ALLOCATING A COMMUNICATION PIPE IN A COMMUNICATION NETWORK

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:09290992.8	1)ALCATEL LUCENT
(32) Priority Date	:23/12/2009	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:EPO	75007 PARIS France
(86) International Application No	:PCT/EP2010/067750	(72)Name of Inventor:
Filing Date	:18/11/2010	1)GROB-LIPSKI, HEIDRUN
(87) International Publication No	:WO 2011/076495	
(87) International Fuorication No	A1	
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		-

(57) Abstract:

The invention concerns a method for allocating a communication pipe (3) in a communication network (1) as well as a corresponding allocation unit (2). The communication network comprises a plurality of nodes (N1,..., N5) interconnected by a plurality of links (L1,..., L7). The allocation unit (2) assigns one or more network flows to the communication pipe (3). The one or more network flows have the same source node (N1) and the same destination node (N2). The allocation unit (2) determines a required capacity of the communication pipe (3) based on the amount of network traffic associated to the one or more network flows and based on one or more minimal quality of service requirements associated with the one or more network flows. The allocation unit (2) allocates one or more links (L6, L5, L3) of the plurality of links (L1,..., L7) to the communication pipe (3) for routing the one or more network flows from the source node (N1) to the destination node (N2).

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWER SUPPLY SYSTEM AND STORAGE BATTERY CHARGE CONTROL METHOD

(51) International classification :H02J7/35,H01N (31) Priority Document No :2009-275119 (32) Priority Date :03/12/2009 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/006710 Filing Date :16/11/2010

(87) International Publication No :WO 2011/067900 A1

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

:H02J7/35,H01M10/44 (71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-

SHI, OSAKA 571-8501 Japan (72)Name of Inventor:

1)ANDO, KAZUNARI 2)KADOUCHI, EIJI

3)YOSHIMINE, TOSHIFUMI

(57) Abstract:

A power supply system has: an energy conversion unit that converts natural energy to electric energy; an electricity storage unit; a supply control unit that controls supply of electric energy to the electricity storage unit; an instruction unit that stops the supply of the electric energy by the supply control unit when a terminal voltage of the electricity storage unit becomes equal to or higher than a charge-stopping voltage set in advance and starts the supply of electric energy when the terminal voltage of the electricity storage unit becomes equal to or lower than a charge-starting voltage, in order to alternately repeat a charge period during which the electric energy is supplied to the electricity storage unit and a suspension period during which the supply of the electric energy to the electricity storage unit is stopped; and an information acquisition unit that acquires, as charge information, a charge electric quantity charged to the electricity storage unit during each of the charge periods, wherein the instruction unit causes the supply control unit to supply the electric energy to the electricity storage unit during a charge-continuation period which starts from a force-in start timing based on a timing when charge information satisfies a judgment condition set in advance and which expires upon elapse of a charge-continuation time set in advance.

No. of Pages: 85 No. of Claims: 22

(21) Application No.4072/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, IMAGE PROCESSING PROGRAM, AND RECORDING MEDIUM WITH RECPRDED IMAGE PROCESSING PROGRAM

(51) International

(31) Priority Document No

:H04N1/387,G06T3/00,H04N5/232

classification

:2009-247788

(32) Priority Date

(33) Name of priority country: Japan

:28/10/2009

(86) International Application

No

:PCT/JP2010/063220

Filing Date

:04/08/2010

(87) International Publication :WO 2011/05276 A1

(61) Patent of Addition to

Application Number

:NA :NA

:NA

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor:

1)FUJIWARA, AKIRA

2)NAKO, KAZUYUKI

(57) Abstract:

An image processing device (10) includes: a line segment extracting section (14) for generating a line segment image obtained by extracting contour line segments contained in a contour of a subject in a captured image; a candidate quadrilateral calculating section (15) for (i) putting at least one virtual line segment in the line segment image (ii) selecting four line segments from a set containing the at least one virtual line segment and the contour line segments, and (iii) identifying a quadrilateral defined by four straight lines containing respective selected four line segments; and an image correcting section (17) for correcting a distortion in perspective transformation of the captured image based on the quadrilateral identified by the candidate quadrilateral calculating section (15). With the configuration, the distortion of the subject can be corrected without manually adjusting a degree of correction, even in a case where the subject having sides is partially not contained in the captured image or the subject is not a document image.

No. of Pages: 127 No. of Claims: 12

(21) Application No.4073/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: A SYSTEM FOR THE CONSTRUCTION OF AN AXIAL FAN

(51) International :F04S25/08,F04D29/54,F04D29/60 classification

(31) Priority Document No :PA 2009 01119

(32) Priority Date :13/10/2009 (33) Name of priority country: Denmark

(86) International Application :PCT/DK2010/050266

:13/10/2010

Filing Date

(87) International Publication :WO 2011/044910 A1 No

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

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant: 1)NOVENCO A/S

Address of Applicant :INDUSTRIVEJ 22, DK-4700,

NAESTVED Denmark (72)Name of Inventor:

1)KAMPF, LARS, VERNER

A system for constructing an axial blower comprising an essentially circular - cylindrical blower pipe configured about a centre axis and an inner pipe (24) serving as motor case; and presenting several mounting options for mounting of motor drives (6) to the effect that it is possible to mount motor drives extending rearwards relative to the inner pipe (24) and motor drives (6) extending primarily within the inner pipe (24).

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

(21) Application No.4074/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SPEAKER SYSTEM, VIDEO DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification :H04R1/32,H04R1/02,H04R1/28 (71)Name of Applicant :

:NA

(31) Priority Document No :2009-245696 (32) Priority Date :26/10/2009

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2010/068866

Filing Date :25/10/2010

(87) International Publication No: WO 2011/052543 A1

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

Number Filing Date

(57) Abstract:

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor: 1)MINODA, HIDENORI

A speaker system of a television receiver (1) includes a plurality of speakers each consisting of at least two speaker units of the same kind positioned in such a manner that acoustic-wave-radiating surfaces thereof face each other, and the distance between said at least two speaker units is larger than the diameter of each of said at least two speaker units.

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

(21) Application No.5033/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHODS AND ORGANISMS FOR CONVERTING SYNTHESIS GAS OR OTHER GASEOUS CARBON SOURCES AND METHANOL TO 1,3-BUTANEDIOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/285,312 :10/12/2009 :U.S.A. :PCT/US2010/057525 :19/11/2010 :WO 2011/071682 A1	(71)Name of Applicant: 1)GENOMATICA, INC. Address of Applicant: 10520 WATERIDGE CIRCLE, SAN DIEGO, CA 92121 U.S.A. (72)Name of Inventor: 1)BURGARD, ANTHONY, P. 2)BURK, MARK, J. 3)PHARKYA, PRITI
	:WO 2011/0/1682 A1 :NA :NA :NA :NA	

(57) Abstract:

A non-naturally occurring microbial organism having a 1,3-butanediol (1,3-BDO) pathway includes at least one exogenous nucleic acid encoding a 1,3-BDO pathway enzyme or protein expressed in a sufficient amount to produce 1,3-BDO. A method for producing 1,3-BDO that includes culturing the this non-naturally occurring microbial organism under conditions and for a sufficient period of time to produce 1,3-BDO

No. of Pages: 128 No. of Claims: 79

(21) Application No.5367/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: INDOLE COMPOUND AND PHARMACEUTICAL USE THEREOF

(51) International :C07D401/14,A61K31/416,A61K31/4178 classification

(31) Priority Document :2009-268040

No

(32) Priority Date :25/11/2009

(33) Name of priority

country

:Japan (86) International

:PCT/JP2010/070988 Application No :25/11/2010

Filing Date

(87) International :WO 2011/065402 A1

Publication No

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

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

(71)Name of Applicant: 1)JAPAN TOBACCO INC.

Address of Applicant :2-1, TORANOMON 2-CHOME,

MINATO-KU, TOKYO 105-8422 Japan

(72)Name of Inventor: 1)INOUE, TERUHIKO 2)KAYA, TETSUDO 3)KIKUCHI, SHINICHI 4)MATSUMURA, KOJI

5)MASUO, RITSUKI 6)SUZUKI, MOTOYA

7)MAEKAWA, MICHIHIDE

(57) Abstract:

Provided is an agent for the treatment or prophylaxis of inflammatory diseases, allergic diseases, autoimmune diseases, transplant rejection or the like. A compound represented by the following formula [I] or a pharmaceutically acceptable salt thereof, or a solvate thereof: wherein each symbol is as described in the specification.

No. of Pages: 269 No. of Claims: 26

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PORTABLE APPLIANCE FOR HEATING AND COOLING FOOD

(51) International classification	:H05B6/64	(71)Name of Applicant :
(31) Priority Document No	:61/266,089	1)VIET DOÂÑ, JIMMY, QUANG
(32) Priority Date	:02/12/2009	Address of Applicant :571 UPTON DR., ST. JOSEPH, MI
(33) Name of priority country	:U.S.A.	49085 U.S.A.
(86) International Application No	:PCT/US2010/058758	(72)Name of Inventor:
Filing Date	:02/12/2010	1)VIET DOAN, JIMMY, QUANG
(87) International Publication No	:WO 2011/068988 A9	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a portable appliance for heating and cooling food comprising an insulated container having an interior wall and exterior wall, the container having an opening for placing food inside said container, electronics capable of heating food inside the container, and a user interface for controlling the electronics. When food is placed inside the container it can be kept cool or alternatively heated to a desired temperature. This invention is portable in nature for easy transport by users. The invention can be used in a vertical or horizontal position.

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

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : INTEGRATED INSERT TYPE POLYURETHANE BOOT SEAL FOR MAINTENANCE-FREE BALL JOINTS

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)RANE (MADRAS) LIMITED Address of Applicant: POST BOX NO. 8262, NEW NO. 154,
(33) Name of priority country(86) International Application No	:NA :NA	VELACHERY ROAD, CHENNAI - 600 042 Tamil Nadu India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)S. SUNDAR 2)S. SUNDARARAJAN
(61) Patent of Addition to Application Number	:NA	3)B. SREEDHAR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)M. T. CHANDRASEKAR

(57) Abstract:

The present invention relates to a vehicle steering ball joint with enhanced sealing and increased durability comprising socket housing with or without grease nipple provision; at least one ball pin with a spherical head disposed in the socket housing; at least one bearing cup disposed there between the ball pin with the spherical head and the socket housing; at least one spring element positioned between the bearing cup and an end plate and press-on type polyure thane boot seal comprising one or more metal inserts required for mounting the boot seal onto the socket housing. The metal inserts are integrated with the polyure thane boot seal to form a single piece member. Further, the present invention aids in the ease of manufacturability and assembly process of the vehicle by reduction of parts.

No. of Pages: 11 No. of Claims: 5

(21) Application No.5245/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PRODUCING DATA DESCRIBING STATES OF A PLURALITY OF TARGETS

(51) International classification: G06K9/62, G01S13/72, G01S13/87 (71) Name of Applicant: (31) Priority Document No :0922011.2 (32) Priority Date :17/12/2009 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2010/052139

:17/12/2010 Filing Date

(87) International Publication

:WO 2011/073683 A1

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

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

Address of Applicant :6 CARLTON GARDENS, LONDON SW1Y 5AD U.K.

1)BAE SYSTEMS PLC

(72)Name of Inventor:

1)COLIN ANTHONY NOONAN

(57) Abstract:

Methods and systems for producing data describing states of a plurality of targets (105A, 105B) using a processor (102) in a system (100) having at least one onboard sensor (106). The method includes obtaining (404) data from at least one onboard sensor (106A, 106B) and performing a first data fusion process (412) on the obtained onboard sensor data to produce onboard sensor fused data. Data is also obtained (422) from at least one off-board sensor (108 A, 108B), and a second, different data fusion process (430) is performed on the obtained off-board sensor data and the onboard sensor fused data to produce target state data.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :22/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR

(51) International :C07D471/04,A61K31/437,A61P35/00 classification

:U.S.A.

(31) Priority Document No :61/289.930 :23/12/2009 (32) Priority Date (33) Name of priority

country

(86) International

:PCT/US2010/061601 Application No :21/12/2010

Filing Date (87) International

:WO 2011/079133 A3 Publication No

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

(71)Name of Applicant: 1)PLEXXIKON, INC.

Address of Applicant :91 BOLIVER DRIVE, SUITE A.

BERKELEY, CALIFORNIA-94710 U.S.A.

(72)Name of Inventor:

1) IBRAHIM, PRABHA, N.

2)WU, GUOXIAN 3)LIN, JACK

4)SPEVAK, WAYNE 5)CHO, HANNA 6)EWING, TODD 7) ZHANG, CHAO

(57) Abstract:

The present invention relates to a compounds and salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof and uses thereof are described. In certain aspects and embodiments, the described compounds or salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof are active on each of B-Raf, B-Raf V600E and c-Raf-1 protein kinase. In certain aspects and embodiments, the described compounds are active in inhibiting proliferation of a Ras mutant cell line. Also described are methods of use thereof to treat diseases and conditions, including melanoma, glioma, glioblastoma, pilocytic astrocytoma, liver cancer, biliary tract cancer, cholangiocarcinoma, colorectal cancer, lung cancer, bladder cancer, gallbladder cancer, breast cancer, pancreatic cancer, thyroid cancer, kidney cancer, ovarian cancer, adrenocortical cancer, prostate cancer, gastrointestinal stromal tumors, medullary thyroid cancer, tumor angiogenesis, acute myeloid leukemia, chronic myelomonocytic leukemia, childhood acute lymphoblastic leukemia, plasma cell leukemia, and multiple myeloma.

No. of Pages: 232 No. of Claims: 35

(21) Application No.5474/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: POLYOLEFIN ELASTIC FIBER

(51) International classification :D02G3/02,D01D5/08,D01F6/06 (71)Name of Applicant:

(31) Priority Document No :61/289,808 (32) Priority Date :23/12/2009 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2010/060497

Filing Date :15/12/2010

(87) International Publication No: WO 2011/087695 A3

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

:NA Number :NA Filing Date

(57) Abstract:

1)INVISTA TECHNOLOGIES S.A.R.L.

Address of Applicant : ZWEIGNIEDERLASSUNG ST. GALLEN, PESTALOZZISTRASSE 2, 9000 ST. GALLEN

Switzerland

(72)Name of Inventor:

1)LIU, HONG

2)LAMBERT, JAMES, MICHAEL 3) WALDBAUER, JR., ROBERT, O.

4)NGUYEN, YOUNG, D.

An article comprising a yarn comprising an elastomeric propylene-based polymer composition; said polymer composition comprising at least one elastomeric propylene-based polymer, wherein said yam has break elongation of greater than 200%.

No. of Pages: 38 No. of Claims: 14

(22) Date of filing of Application :22/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PLANTS TOLERANT TO HPPD INHIBITOR HERBICIDES

(51) International classification :C12N9/02,A01H5/00,A01H5/10 (71)Name of Applicant:

:22/12/2010

(31) Priority Document No :09015985.6 (32) Priority Date :23/12/2009

(33) Name of priority country :EPO

(86) International Application :PCT/EP2010/070567

No Filing Date

(87) International Publication No: WO 2011/076882 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : ALFRED-NOBEL-STRASSE 10,

40789, MONHEIM Germany

(72)Name of Inventor: 1)POREE, FABIEN

2)LABER, BERND

3)KNITTEL-OTTLEBEN, NATHALIE

4)LANGE, GUDRUN 5)SCHULZ, ARNO 6)HAIN, RUEDIGER

(57) Abstract:

The present invention relates to nucleic acid sequences encoding a hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27, abbreviated herein as HPPD) obtained from protists belonging to the family Blepharismidae, as well as the proteins encoded thereby, and to a chimeric gene which comprises such nucleic acid sequence, and to the use of such nucleic acid sequences, proteins or chimeric genes for obtaining plants which are tolerant to HPPD inhibitor herbicides.

No. of Pages: 147 No. of Claims: 16

(22) Date of filing of Application :02/04/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CENTRIFUGAL FAN, MOLDING DIE, AND FLUID FEEDER

:NA

(51) International classification :F04D29/30,F04D29/02 (71)Name of Applicant : (31) Priority Document No 1)SHARP KABUSHIKI KAISHA :2009-208357 (32) Priority Date Address of Applicant: 22-22. NAGAIKE-CHO. ABENO-KU. :09/09/2009 (33) Name of priority country OSAKA-SHI, OSAKA 545-8522 Japan :Japan (86) International Application No :PCT/JP2010/065303 (72)Name of Inventor: 1)OHTSUKA, MASAKI Filing Date :07/09/2010 (87) International Publication No :WO 2011/030750 A1 2)SHIRAICHI, YUKISHIGE (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A centrifugal fan includes a plurality of fan blades (21) provided to be circumferentially spaced apart from each other. The fan blade (21) has a front edge portion (26) to which air flows in and a rear edge portion (27) from which air flows out. The fan blade (21) has a blade surface (23) extending between the front edge portion (26) and the rear edge portion (27). The blade surface (23) includes a pressure surface (25) arranged on the rotation direction side of the centrifugal fan (10) and a suction surface (24) arranged on the back side of the pressure surface (25). When cut along the plane orthogonal to the rotation axis of the centrifugal fan, the fan blade (21) has such a blade cross-sectional shape that a concave portion (56) and a concave portion (57) are formed at the pressure surface (25) and the suction surface (24), respectively. With such a configuration, it is possible to provide a centrifugal fan having an excellent blowing capacity, a molding die for use in production of the centrifugal fan, and a fluid feeder provided with the centrifugal fan.

No. of Pages: 37 No. of Claims: 10

(21) Application No.5066/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SINGLE-USE CONTAINERS AND USES THEREOF

(51) International classification	:A61J1/06,B65D1/09,B65D17/28	(71)Name of Applicant :
(31) Priority Document No	:2009906236	1)BM GOL PTY LTD
(32) Priority Date	:24/12/2009	Address of Applicant :86 BEHAN CRESCENT WAKERLEY,
(33) Name of priority country	:Australia	QUEENSLAND 4154 Australia
(86) International Application	:PCT/AU2010/001752	(72)Name of Inventor:
No	:24/12/2009	1)GOL, ARASH
Filing Date	.24/12/2009	
(87) International Publication	:WO/2011/075798	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates generally to improving compliance. More specifically, the invention relates to single-use containers containing liquid formulations for ingestion, strips and packages of such containers, and to compliance improving systems using such containers.

No. of Pages: 92 No. of Claims: 56

(19) INDIA

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

(21) Application No.5068/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention : SOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A43B13/14 :20 2009 016 139.0 :30/11/2009 :Germany :PCT/EP2010/007243 :30/11/2010 :WO 2011/063985 A4 :NA :NA :NA	(71)Name of Applicant: 1)X-TECHNOLOGY SWISS GMBH Address of Applicant:SAMSTAGERNSTRASSE 45, CH- 8832 WOLLERAU Switzerland (72)Name of Inventor: 1)LAMBERTZ, BODO, W.
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(57) Abstract:

The invention relates to a sole (2) for shoes, boots, sandals or the like, comprising a core layer (21) which is provided in at least some areas with openings (22) in which pins (23) are movably guided.

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

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : DETECTING THE DECOMPOSITION OF ENZYMES IN A TEST ELEMENT BY MEANS OF CONTROLLED RELEASE OF PROTECTED ANALYTE

(21) Application No.5170/CHENP/2012 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/12/2010 :WO 2011/073258 A1 :NA :NA :NA	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG Address of Applicant: 124 GRENZACHERSTRASSE CH- 4070 BASEL Switzerland (72)Name of Inventor: 1)HORN, CARINA 2)HEINDL, DIETER 3)HAAR, HANS-PETER 4)STEINKE, NELLI
Filing Date	:NA	

(57) Abstract:

The present invention concerns a diagnostic element for determining at least one analyte as well as an analytical measuring device which comprises such a diagnostic element. Furthermore, the invention concerns a method for the determination of an analyte, a method for correcting a signal generated by an analyte as well as a method for checking the detection optics of an analytical measuring device using the diagnostic element. Finally the invention concerns a system for the controlled release of a reagent and the use of such a system as a circuit element.

No. of Pages: 46 No. of Claims: 23

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

:NA

(54) Title of the invention: ENTERAL FEEDING CATHETER ASSEMBLY INCORPORATING AN INDICATOR

(51) International classification :A61J15/00,A61F2/958 (71)Name of Applicant : (31) Priority Document No 1)KIMBERLY-CLARK WORLDWIDE, INC. :12/645,553 (32) Priority Date Address of Applicant: 401 NORTH LAKE STREET. :23/12/2009 (33) Name of priority country NEENAH, WISCONSIN 54956 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/IB2010/055341 1) HERSHEY, ADRIENNE, A. Filing Date :22/11/2010 (87) International Publication No :WO 2011/077286 A1 2)MCMICHAEL, DONALD, J. (61) Patent of Addition to Application 3)ROTELLA, JOHN, A. :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A catheter assembly (20) incorporating a pre-biased indicator (22), the assembly includes a catheter (26) having a proximal end (28), a distal end (30), and catheter walls (32) defining a catheter lumen (34). The assembly further includes a base (36) located at the proximal end (28) of the catheter, the base defining an opening to the catheter lumen, the base having a first end (42) and a second end (44). An inflatable balloon (24) having a predetermined fill volume is located at a distal end (30) of the catheter. An inflation valve (46) is located on the base (36); the inflation valve is in fluid communication with the balloon through an inflation lumen (48) defined by the catheter walls (32). The pre-biased indicator located on the base in fluid communication with the balloon is configured to provide a discrete visual signal that the pressure of a fluid in the balloon is different from a predetermined level of pressure or the volume of the balloon is different from the predetermined fill volume.

No. of Pages: 49 No. of Claims: 19

(21) Application No.5484/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OXAZOLIDONE RING CONTAINING ADDUCTS

(51) International classification :C08G59/22,C08G18/00,C08G59/40

(31) Priority Document No :61/289,123 (32) Priority Date :22/12/2009 (33) Name of priority country:U.S.A.

(86) International :PCT/US2010/003218

Application No
Filing Date

FC1/03201

:20/12/2010

(87) International Publication :WO 2011/087486 A1

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

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

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 DOW CENTER, MIDLAND,

MICHIGAN 48674 U.S.A. (72)Name of Inventor: 1)GAN, JOSEPH

2)TROTTIER, EMILE, C.

(57) Abstract:

Embodiments include oxazolidone ring containing adducts obtainable by combing an aliphatic epoxy compound, an aromatic epoxy compound, and a disocyanate. Embodiments further include a curable powder coating composition including a resin component and a hardener component, where the resin component includes the ozazolidone ring containing adduct.

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

(21) Application No.5485/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FIXED TYPE CONSTANT VELOCITY UNIVERSAL JOINT

(51) International classification :F16D3/2237,F16D3/20 (71)Name of Applicant : (31) Priority Document No 1)NTN CORPORATION :2009-268907 (32) Priority Date Address of Applicant: 3-17. KYOMACHIBORI 1-CHOME. :26/11/2009 (33) Name of priority country NISHI-KU, OSAKA-SHI, OSAKA 550-0003 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2010/070985 1)SONE, KEISUKE Filing Date :25/11/2010 (87) International Publication No :WO 2011/065400 A1 2)OOBA, HIROKAZU (61) Patent of Addition to Application 3)YOSHIDA, KAZUHIKO :NA 4)ITOU, KIYOHIRO :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is an eight-ball fixed type constant velocity-universal joint of an undercut free type, which is capable of increasing a torque capacity at high operating angles while securing durability at low operating angles. When a distance between a center of a track groove (32) and a center of a ball (37) is denoted by Rt, and when an axial distance between the center of the track groove (32) and a joint center plane (P) is denoted by F, a ratio Rl of F to Rt is set to fall within a range of 0.061<R10.087. When a radial offset amount, which is a distance between the center of the track groove (32) and a joint center axial line (X) is denoted by fr, a ratio R3 of fr to Rt is set to fall within a range of 0.07: R3 0.19. When an effective cured-layer depth with Hv 513 is denoted by Di and the diameter of the ball is denoted by d, a bottom surface of a track groove of an inner joint member includes a cured layer with an effective cured-layer depth ratio Di/d of at least 0.111 or more.

No. of Pages: 81 No. of Claims: 9

(22) Date of filing of Application :22/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PLANTS TOLERANT TO HPPD INHIBITOR HERBICIDES

(51) International classification :C12N9/02,A01H5/00,A01H5/10 (71)Name of Applicant:

:22/12/2010

(31) Priority Document No :09015988.0 (32) Priority Date :23/12/2009

(33) Name of priority country :EPO

(86) International Application :PCT/EP2010/070575 No

Filing Date

(87) International Publication No: WO 2011/076889 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant : ALFRED-NOBEL-STRASSE 10,

40789, MONHEIM Germany

(72)Name of Inventor:

1)POREE, FABIEN 2)LABER, BERND

3)KNITTEL-OTTLEBEN, NATHALIE

4)LANGE, GUDRUN 5)SCHULZ, ARNO 6)HAIN, RUEDIGER

(57) Abstract:

The present invention relates to nucleic acid sequences encoding a hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27, abbreviated herein as HPPD) obtained from bacteria belonging to the genus Kordia, as well as the proteins encoded thereby, and to a chimeric gene which comprises such nucleic acid sequence, and to the use of such nucleic acid sequences, proteins or chimeric genes for obtaining plants which are tolerant to HPPD inhibitor herbicides.

No. of Pages: 146 No. of Claims: 16

(19) INDIA

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

(21) Application No.5488/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: CONTROLLER FOR HYBRID VEHICLE

(51) International

:B60W10/06,B60K6/46,B60L11/14

classification

(31) Priority Document No :2009-291014

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

Filing Date

:22/12/2009

(86) International Application

1 :PCT/JP2010/073048

No

:21/12/2010

(87) International Publication

:WO 2011/078189 A1

No

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

Filing Date

(62) Divisional to Application
Number
Siling Date
:NA

(71)Name of Applicant:

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,

MINATO-KU, TOKYO, 107-8556 Japan

(72)Name of Inventor:

1)TAMAGAWA, YUTAKA

(57) Abstract:

There is provided a controller for a hybrid vehicle which can improve fuel consumption performance and driveability. A controller for a hybrid vehicle which can run in an EV drive mode in which an electric motor 101 is driven by electric power of a battery 113 only and a series drive mode in which the electric motor 101 is driven by electric power generated by a generator 107 using power of an engine 109 includes a demanded driving force calculation unit for calculating a demanded driving force for the electric motor 101 based on vehicle speed and accelerator pedal opening, a demanded electric power calculation unit for calculating a demanded electric power demanded of the electric motor 101 based on the demanded driving force and a revolution speed of the electric motor 101, an available uppermost outputting value setting unit for setting an available uppermost outputting value for the battery 113 based on the conditions of the battery 103, and an engine starting determination unit for determining on the starting of the engine 109 based on the demanded electric power demanded of the electric motor 101. The engine starting determination unit starts the engine 109 so that the vehicle runs in the series drive mode when the demanded electric power demanded of the electric motor 101 exceeds the available uppermost outputting value.

No. of Pages: 56 No. of Claims: 11

(22) Date of filing of Application :21/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : A MACHINE AND A METHOD FOR SUCTIONING AND EXHAUSTING AIR FROM A STORAGE TANK FOR SAND IN A MOLDING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/03/2010 :WO 2011/086711 A1 :NA :NA :NA	(71)Name of Applicant: 1)SINTOKOGIO, LTD. Address of Applicant: 28-12, MEIEKI 3-CHOME, NAKAMURA-KU, NAGOYA-SHI, AICHI 4500002 Japan (72)Name of Inventor: 1)TSUZUKI, SHUICHI 2)HADANO, YUTAKA 3)KOMIYAMA, TAKAYUKI 4)TAKASU, SHUJI 5)NITTA, TAKUYA
. ,	:NA	
Filing Date	:NA	
(55) 41		•

(57) Abstract:

The present invention is to provide a machine and a method for suctioning and exhausting air from a storage tank for sand in a molding machine that has less on-off valves and prevents sand from adhering to the interior of the valve for exhausting air while the air is being exhausted. The machine for suctioning and exhausting air from the storage tank for the sand in the molding machine comprises a storage tank for sand in the molding machine, a porous body that is provided in the storage tank for sand and that is distant from an inner face of the storage tank for sand, an empty chamber that is formed by an outer face of the porous body and the inner face of the storage tank for sand, a seal that is placed at a rim of a tip of a nozzle of the storage tank for filling sand and that expands when compressed air is supplied inside the seal, a pilot-operated valve for both suctioning and exhausting air that is fluidly connected to the empty chamber, and an on-off valve that is fluidly connected to the pilot-operated valve for both suctioning and exhausting air and connected to an inside of the seal.

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

(21) Application No.5500/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CONTROLLING THE NORMAL:ISO ALDEHYDE RATIO IN A MIXED LIGAND HYDROFORMYLATION PROCESS BY CONTROLLING THE SYNGAS PARTIAL PRESSURE

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(36) Line of priority Country
(37) Priority Date
(38) Name of Priority Country
(39) Name of Priority Country
(30) Name of Priority Country
(31) Priority Date
(32) Priority Date
(33) Name of Priority Country
(34) Priority Date
(35) Name of Priority Country
(36) Name of Priority Country
(37) Name of Priority Country
(38) Name of Priority Country
(39) Name of Priority Country
(30) Name of Priority Country
(31) Priority Date
(32) Priority Date
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(36) Name of Priority Date
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(38) Name of Priority Date
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(30) Name of Priority Date
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(36) Name of Priority Date
(37) Name of Priority Date
(38) Name of Priority Date
(39) Name of Priority Date
(40) Name of Pr

(86) International Application No :PCT/US2010/060471 Filing Date :15/12/2010

(87) International Publication No :WO 2011/087688 A1

(61) Patent of Addition to Application
Number
Filing Date

Number
Filing Date

Number

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

:C07C45/50,C07C47/02 (71)Name of Applicant :

1)DOW TECHNOLOGY INVESTMENTS LLC

Address of Applicant :2020 DOW CENTER, MIDLAND,

MICHIGAN 48674 U.S.A. (72)Name of Inventor:

1)EISENSCHMID, THOMAS, C.

2)SAWREY, JEFFREY, S. 3)MILLER, GLENN, A.

4)BRAMMER, MICHAEL, A.

(57) Abstract:

A method of controlling a hydroformylation process for producing normal (N) and iso (I) aldehydes at a N:I ratio, the process comprising contacting an olefinically unsaturated compound, e.g., propylene, with synthesis gas and a catalyst comprising a transition metal, e.g., rhodium, and an organopolyphosphite and an organomonophosphite ligand, the contacting conducted at hydrofonnylation conditions comprising a synthesis gas partial pressure, the method comprising mcreasing the synthesis gas partial pressure in the first reaction zone to decrease the N:I ratio or decreasing the synthesis gas partial pressure in the first reaction zone to increase the N:I ratio.

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

(19) INDIA

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

(21) Application No.5501/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD OF REDUCING INCIDENCE OF INTRAOCULAR PRESSURE ASSOCIATED WITH INTRAOCULAR USE OF CORTICOSTERIODS

(86) International Application No Filing Date (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) PCT/US2010/061562 (82) International Publication No (80) 2011/079123 A1 (81) PREEN, KEN (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Application No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) 2011/079123 A1 (81) International Publication No (80) 2011/079123 A1 (81) International Publication No (80) 2011/079123 A1 (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) International Publication No (81) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87)
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(57) Abstract:

A method of treating an ocular disease in a subject using a corticosteroid with reduced incidence of intraocular pressure lowering surgery comprises injecting an intravitreal insert capable of providing a therapeutic effect for an extended period of time. The intravitreal insert delivers sustained sub-microgram levels of corticosteroid.

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR THE SYNTHESIS OF ASPALATHIN AND ANALOGUES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2009/08308 :24/11/2009 :South Africa	(71)Name of Applicant: 1)SOUTH AFRICAN MEDICAL RESEARCH COUNCIL Address of Applicant: FRANCIE VAN ZIJL DRIVE, PAROW-7505 South Africa (72)Name of Inventor: 1)VAN DER WESTHUIZEN, JAN HENDRIK 2)FERREIRA, DANEEL 3)JOUBERT, ELIZABETH 4)BONNET, SUSSANA LUCIA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of synthesising Aspalathin and its analogues or derivatives is disclosed. The method comprises synthesising a compound of formula 1 or its analogues or derivatives: wherein each of R1 R2, R3, R4, R5, Re, R7, Rs, R9 and R10 is independently selected from the group consisting of -H, -OH, hydrocarbyl groups, saccharide moieties and -OR15; R15 is selected from the group consisting of hydrogen, a hydrocarbyl group (e.g. methoxy or ethoxy), an acyl group and a benzyl group; and R11, R12, R13 and R14 are independently selected from the group consisting of -H, hydrocarbyl groups, saccharide moieties, an acyl group and a benzyl group. The method comprises the step of coupling a sugar to a dihydrochalcone, chalcone or flavanone, or coupling the sugar to an intermediate for producing a dihydrochalcone, chalcone or flavanone followed by coupling of the sugar-intermediate adduct to a further intermediate for producing a dihydrochalcone, chalcone or flavanone, and transforming the product thereof into a compound of formula 1 or an analogue or derivative thereof.

No. of Pages: 34 No. of Claims: 9

(21) Application No.4813/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: QUATITATION OF INSULIN LIKE GROWTH FACTOR-I AND INSULIN GROWTH FACTOR-II WITH HIGH RESOLUTION MASS SPECTROMETRY

(51) International classification :A61K38/30,C07K14/65 (71)Name of Applicant : (31) Priority Document No 1)QUEST DIAGNOSTICS INVESTMENTS :61/258.560 :05/11/2009 INCORPORATED (32) Priority Date (33) Name of priority country :U.S.A. Address of Applicant: 300 DELAWARE AVENUE, WILMINGTON, DELAWARE - 19899 U.S.A. (86) International Application No :PCT/US2010/055518 Filing Date (72)Name of Inventor: :04/11/2010 (87) International Publication No :WO 2011/057021 A1 1)BYSTROM, CORY (61) Patent of Addition to Application 2)SHENG, SHIJUN :NA Number 3)CLARKE, NIGEL J. :NA Filing Date 4) REITZ, RICHARD (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods are provided for determining the amount of an IGF-I and/or IGF-II protein in a sample using high resolution / high accuracy mass spectrometry. The methods generally comprise enriching an IGF-I and/or IGF-II protein in a sample, ionizing an IGF-I and/or IGF-II protein from the sample to generate IGF-I and/or IGF-II protein ions, and determining the amount of IGF-I and/or IGF-II protein ions with high resolution / high accuracy mass spectrometry.

No. of Pages: 79 No. of Claims: 12

(21) Application No.4816/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPIROINDOLINONE PYRROLIDINES

(51) International classification	:C07D487/10,A61K31/407	(71)Name of Applicant :
(31) Priority Document No	:61/265,792	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:02/12/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:U.S.A.	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/068353	(72)Name of Inventor:
Filing Date	:29/11/2010	1)BARTKOVITZ, DAVID JOSEPH
(87) International Publication No	:WO 2011/067185 A1	2)CHU, XIN-JIE
(61) Patent of Addition to Application	:NA	3)DING, QINGJIE
Number	:NA	4)GRAVES, BRADFORD, JAMES
Filing Date	.NA	5)JIANG, NAN
(62) Divisional to Application Number	:NA	6)ZHANG, JING
Filing Date	:NA	7)ZHANG, ZHUMING

(57) Abstract:

There are provided compounds of the formula wherein X, Y and R1 to R8 are described herein along with the enantiomers, pharmaceutically acceptable salts and esters thereof. The compounds are useful as anticancer agents.

No. of Pages: 265 No. of Claims: 25

(21) Application No.4929/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: POTENTIAL FLUIDIZATION DEVICE FOR CONVEYING POWDER MATERIALS IN A HYPERDENSE BED

(51) International classification :B65G53/16,B65G53/20 (71)Name of Applicant : (31) Priority Document No :0905372 (32) Priority Date :09/11/2009 (33) Name of priority country :France

(86) International Application No :PCT/FR2010/000692 Filing Date :19/10/2010

(87) International Publication No :WO 2011/055026 A1

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

1)RIO TINTO ALCAN INTERNATIONAL LIMITED Address of Applicant: 1188 SHERBROOKE STREET WEST,

MONTREAL, QUEBEC H3A 3G2 Canada

(72)Name of Inventor: 1)PETIT, GOEFFREY 2)HEMATI, MEHRDJI

3)ROUSSEAUX, JEAN-MARC

(57) Abstract:

Device for transporting powder (12) comprising a conveyer (3), which includes a lower channel (6) in which a gas circulates, and an upper channel (7), designed for the circulation of powder and said gas, said lower channel and said upper channel being separated by a porous wall (5) that said gas can pass through, the lower channel being supplied with gas at a pressure allowing the potential fluidization of said powder in said upper channel, said upper channel being provided in its upper part with transverse walls (50, 51, 52; 53; 50.i, 50.n) placed so that they delimit with the upper wall of said upper channel at least one upper zone in which a gas bubble under pressure is formed (20.1, 20.2; 20.i, 20.(i+1), 20.n) as a result of putting said air chute under potential fluidization pressure. At the level of at least one bubble so formed, the wall of the upper channel includes a means of removal for fluidization gas provided with a means of creating pressure drop (100.1, 100.2; 110.1, 110.2; 120.1, 120.2; 130, 61, 62; 140.i, 140. (i+1), 140.n), which creates a substantially constant pressure drop.

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

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 14/02/2014

:NA

(54) Title of the invention: REFRIGERATOR

(51) International classification (71)Name of Applicant: :F25D23/06 1)PANASONIC CORPORATION (31) Priority Document No :2009-284705 (32) Priority Date :16/12/2009 Address of Applicant: 1006, OAZA KADOMA, KADOMA-(33) Name of priority country SHI, OSAKA 571-8501 Japan :Japan :PCT/JP2010/007210 (72)Name of Inventor : (86) International Application No 1)HIRAI, TSUYOKI Filing Date :13/12/2010 :WO 2)NAKAMURA, AYUKO (87) International Publication No 2011/074226A1 3)UENO, OSAMU (61) Patent of Addition to Application 4)ITOU, YOSHIHIRO :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(21) Application No.5217/CHENP/2012 A

(57) Abstract:

Filing Date

Refrigerator main body (20) including heat insulation box (21) having storage compartments such as refrigerating compartment (29) is provided. Heat insulation box (21) includes outer box (23), inner box (22), and heat insulation material (24) between outer box (23) and inner box (22). Housing portion (101) for housing an external device exposed to the outside air among refrigerating cycle-related devices including a device constituting a refrigerating cycle is provided. Housing portion (101) is disposed in the lower part of the rear side in the lowermost storage compartment of heat insulation box (21). A heat insulation wall formed by integrating a bottom surface part of the storage compartment in the lowermost part with a bottom surface of a housing portion of the storage compartment is provided. Since configuration enhances rigidity of the lower part of outer box (23), a refrigerator having high rigidity of heat insulation box (21) can be provided.

No. of Pages: 82 No. of Claims: 16

(21) Application No.5541/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of prioritycountry	:A01N43/78,A01N25/00,A01N43/56 :2009-295018 :25/12/2009 :Japan	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan (72)Name of Inventor: 1)KURAHASHI, MAKOTO
(86) International Application No Filing Date (87) International	:PCT/JP2010/073853 :22/12/2010	
Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2011/078401 A1 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides: a composition for ontrolling plant diseases comprising, as active ingredients, ethaboxam and penflufen; a method for controlling plant diseases which comprises applying effective amounts of ethaboxam and penflufen to a plant or soil for growing plant; and so on.

No. of Pages: 34 No. of Claims: 6

(21) Application No.5406/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD AND PROCESS FOR DRY DISCHARGE IN A PRESSURIZED PRETREATMENT REACTOR

(51) International classification (31) Priority Document No	:D21C7/00,D21C11/00 :61/288,520	(71)Name of Applicant : 1)ANDRITZ TECHNOLOGY AND ASSET
(32) Priority Date	:21/12/2009	MANAGEMENT GMBH
(33) Name of priority country	:U.S.A.	Address of Applicant :STATTEGGER STRASSE 18, A-8045
(86) International Application No	:PCT/US2010/061405	GRAZ Austria
Filing Date	:21/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/084761 A2	1)BOLLES, JOHN
(61) Patent of Addition to Application	:NA	2)STROMBERG, BERTIL
Number	:NA	3)RAWLS, JOSEPH, MONROE
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A reactor for the treatment of lignocellulosic material and related methods. The reactor includes a vessel having an upper portion and a lower portion. A pressure en elope is formed between an outer wail of the vessel and at least one lower wall of the lower portion of the vessle, and the upper portion of the vessel and the pressure envelope are operatively connected with a pressurization line, such that a pressure of the pressure envelope and a pressure of the upper portion may be equalized.

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

(22) Date of filing of Application :21/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF CYCLOHEXANE DERIVATIVES

(51) International classification :C07D263/58,C0 (31) Priority Document No :2009-266988 (32) Priority Date :25/11/2009 :Japan (86) International Application No :PCT/IP2010/07

(86) International Application No :PCT/JP2010/070870

Filing Date :24/11/2010 (87) International Publication No :WO 2011/065351 A1

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

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

:C07D263/58,C07D277/82 (71)Name of Applicant :

1)SHIONOGI & CO., LTD.

Address of Applicant :1-8, DOSHOMACHI 3-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045 Japan

(72)Name of Inventor:
1)KUNITANI, RYOSUKE
2)TAKAYA, KENJI

3)IMAMURA, YOSHIAKI 4)HASEGAWA, AIKO

(57) Abstract:

A process for the preparation of a compound of formula (I): wherein R1 is each independently halogen, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 haloalkyl, C1-C6 haloalkoxy or C1-C6 alkylcarbonyl, R3 is C1-C6 alkyl; C3-C8 cycloalkyl. or phenyl optionally substituted with one or more substituents selected from the group consisting of halogen, C1-C6 alkyl; C1-C6 alkoxy, C1-C6 haloalkyl and C1-C6 haloalkoxy, n is an integer of 0 to 2, X is S atom or O atom, its salt or solvate thereof characterized by reacting a compound of formula (IV): wherein R1, n and X have the same meaning as defined above, and R2 is C1-C6 alkyl; C1-C6 haloalkyl; or phenyl optionally substituted with one or more substituents selected from the group consisting of halogen, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 haloalkyl, C1-

No. of Pages: 43 No. of Claims: 26

(22) Date of filing of Application :21/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARING DIVINYLARENE DIOXIDES

:NA

(51) International classification :C07D301/19,C07D301/12 (71)Name of Applicant : (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/288,511 (32) Priority Date :21/12/2009 Address of Applicant :2040 DOW CENTER, MIDLAND, (33) Name of priority country MICHIGAN 48674 U.S.A. :U.S.A. (86) International Application No :PCT/US2010/061019 (72)Name of Inventor: 1) RIPPLINGER, ERIC, B. Filing Date :17/12/2010 (87) International Publication No :WO 2011/084687 A1 2) JEAN, DAVID (61) Patent of Addition to Application 3)BUROW, DAVID, L. :NA Number 4)PHAM, KHIET, T. :NA Filing Date 5)GULYAS, GYONGYI (62) Divisional to Application Number :NA 6)HOOK, BRUCE, D.

(57) Abstract:

Filing Date

A process for preparing a divinylarene dioxide including reacting (a) at least one divinylarene; (b) at least one peroxycarboximidic acid; (c) at least one solvent; and (d) at least one basic compound, under conditions to form a reaction mixture containing a divinylarene dioxide product; and then separating the divinylarene dioxide product from the other reaction mixture components to obtain a purified divinylarene dioxide product.

No. of Pages: 61 No. of Claims: 16

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR SUPPORTING E-MBS SERVICE IN MULTICARRIER SYSTEM

(51) International classification	:H04W4/06,H04J11/00,H04B7/26	(71)Name of Applicant :
(31) Priority Document No	:61/294,115	1)LG ELECTRONICS INC.
(32) Priority Date	:12/01/2010	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application	:PCT/KR2011/000188	(72)Name of Inventor:
No	:11/01/2011	1)KIM, JEONGKI
Filing Date	.11/01/2011	2)RYU, KISEON
(87) International Publication	:WO 2011/087257 A2	3)YUK, YOUNGSOO
No	. W O 2011/00/23/ 112	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

Disclosed is a method for operating a terminal for receiving E-MBS (enhanced-multi-cast and broadcast service) service in a multicarrier system, the method comprising: establishing E-MBS service connection with a base station; sending, to the base station, a first message including report mode information when the terminal receives E-MBS service from the base station; wherein the report mode information indicates the terminal requests the base station to assign a carrier switching operation start time, receiving, from the base station, a second message including the carrier switching operation start time information requested by the terminal; and starting a carrier switching operation based on the received carrier switching operation start time information.

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

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TOUCH PAD WITH FORCE SENSORS AND ACTUATOR FEEDBACK

(51) International classification	:G06F3/041,G06F3/01,G06F3/044	(71)Name of Applicant:
(31) Priority Document No	:12/635,614	1)APPLE INC.
(32) Priority Date	:10/12/2009	Address of Applicant :1 INFINITE LOOP, M/S 36-2PAT,
(33) Name of priority country	:U.S.A.	CUPERTINO, CA 95014 U.S.A.
(86) International Application	:PCT/US2010/059145	(72)Name of Inventor:
No	:06/12/2010	1)BERSTEIN, JEFFREY, TRAER
Filing Date	.00/12/2010	2)CIEPLINKSI, AVI
(87) International Publication	·WO 2011/071927 A 2	3)DEGNER, BRETT, W.
No	:WO 2011/071837 A3	4)KERR, DUNCAN
(61) Patent of Addition to	.NTA	5)KESSLER, PATRICK
Application Number	:NA	6)PUSKARICH, PAUL
Filing Date	:NA	7)COELHO, MARCELO, H.
(62) Divisional to Application	NIA	8)PANCE, ALEKSANDER
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Electronic devices may use touch pads that have touch sensor arrays, force sensors, and actuators for providing tactile feedback. A touch pad may be mounted in a computer housing. The touch pad may have a rectangular planar touch pad member that has a glass layer covered with ink and contains a capacitive touch sensor array. Force sensors may be mounted under each of the four corners of the rectangular planar touch pad member. The force sensors may be used to measure how much force is applied to the surface of the planar touch pad member by a user. Processed force sensor signals may indicate the presence of button activity such as press and release events. In response to detected button activity or other activity in the device, actuator drive signals may be generated for controlling the actuator. The user may supply settings to adjust signal processing and tactile feedback parameters.

No. of Pages: 96 No. of Claims: 42

(21) Application No.5445/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: (METH)ACRYLOYL-AZIRIDINE CROSSLINKING AGENTS AND ADHESIVE POLYMERS

(51) International classification :C07D203/08,C08K5/3412,C08L33/08
(31) Priority Document No :200910261937.3
(32) Priority Date :23/12/2009
(33) Name of priority China

country :China

(86) International

Application No :PCT/US2010/060219

Filing Date :14/12/2010

(87) International

Publication No :WO 2011/087664 A1

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

(71)Name of Applicant:

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor:

1)KREPSKI, LARRY, R.

2)ZHU, PEIWANG

3)ERDOGAN-HAUG, BELMA

4)ZHANG, WEN JIE

5)XIE, DANG

6)KAVANAGH, MAUREEN, A.

7)ALOSHYNA EP LESUFFLEUR, MARIE

8)GADDAM, BABU N.

9)WU, QING

(57) Abstract:

Described is a pre-adhesive, curable composition comprising an acid-functional (meth)acrylate copolymer and a novel (meth)acryloyl -aziridine crosslinking agent, which when crosslinked provides a pressure-sensitive adhesive composition.

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

(22) Date of filing of Application :25/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: WATER PRODUCING SYSTEM AND OPERATION METHOD THEREFOR

(51) International classification (31) Priority Document No :2009-293899 (32) Priority Date :25/12/2009 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/068244

Filing Date :18/10/2010

(87) International Publication No :WO 2011/077815 A1

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

:C02F1/44,B01D61/58 (71)Name of Applicant :

1)TORAY INDUSTRIES, INC.

Address of Applicant: 1-1. NIHONBASHI-MUROMACHI 2-

CHOME, CHUO-KU, TOKYO 103-8666 Japan

(72)Name of Inventor: 1)OGIWARA, WAKAKO 2)TAKABATAKE, HIROO 3)TANIGUCHI, MASAHIDE

(57) Abstract:

Disclosed are: a water producing system which is provided with a semi-permeable membrane treatment process A100 for subjecting treatment target water A1 to semi-permeable membrane treatment to produce membrane permeate A3 and concentrate A, a semipermeable membrane treatment process B200 which is equipped with a treatment target water B branching means for branching treatment target water B2 into two or more, and subjects the treatment target water B to the semi-permeable membrane treatment to produce a membrane B5 and concentrate B6, and a semi-permeable membrane treatment process C300 which is equipped with a first water mixing means for mixing one of the treatment target water B branched by the treatment target water B branching means with at least part of the concentrate A produced in a semi-permeable membrane treatment; step A, and subjects the mixed water to the semipermeable membrane treatment to produce membrane permeate C7 and concentrate C8, thereby producing fresh water from a plurality of kinds of raw water which differ in osmotic pressure utilizing composite water treatment technologies in which a plurality of membrane units using a semi-permeable membrane are disposed, and the water producing system can ensure a necessary water production quantity, and cope with a size increase of the system while responding to change in a water intake quantity of raw water; and an operation method there for.

No. of Pages: 76 No. of Claims: 20

(21) Application No.5551/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : CERAMIC COMPOSITE MATERIAL CONSISTING OF ALUMINIUM OXIDE AND ZIRCONIUM OXIDE AS THE MAIN CONSTITUENTS, AND A DISPERSOID PHASE

(51) International :C04B35/106,C04B35/119,A61L27/10

(31) Priority Document No :10 2009 054 799.1

(32) Priority Date :16/12/2009 (33) Name of priority

country :Germany

(86) International PCT/EP2010/069995
Application No

Filing Date :16/12/2010

(87) International Publication No :WO 2011/083023 A1

(61) Patent of Addition to :N.

Application Number
Filing Date
(62) Divisional to
Application Number

NA

NA

NA

NA

NA

NA

NA

(71)Name of Applicant: 1)CERAMTEC GMBH

Address of Applicant : CERAMTEC-PLATZ 1-9, 73207

PLOCHINGEN Germany
(72)Name of Inventor:
1)KUNTZ, MEINHARD
2)KUNTZ, MICHAEL
3)GOTTWIK, LUKAS

4)SCHLICHER, KRISTINA 5)MORHARDT, ANDREAS 6)FRIEDERICH, KILIAN 7)SCHNEIDER, NORBERT

(57) Abstract:

Filing Date

The invention relates to a composite material consisting of aluminum oxide as a ceramic matrix and zirconium oxide dispersed therein. The invention also relates to a method for the production thereof and to the use of same.

No. of Pages: 29 No. of Claims: 24

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOUND SEALING METHOD FOR VACUUM GLASS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:02/11/2010 :WO 2011/063704 A1	(71)Name of Applicant: 1)LUOYANG LANDGLASS TECHNOLOGY CO., LTD. Address of Applicant: NO.2, PEONY ROAD, LUOLONG SCIENTIFIC & TECHNOLOGIC PARK, LUOLONG DISTRICT, LUOYANG, HENAN - 471 000 China (72)Name of Inventor: 1)LI, YANBING
• •		
` /	:WO 2011/063704 A1	1)LI, YANBING
(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 compound sealing method for glass plates, which is characterized by realizing the air-tight joint between compounded glass plates in a preset position by using a metal brazing technology. The invention provides a brand new technological method for the compound sealing between glass plates. The method has the advantages of firm connection in sealing positions, high air tightness, favorable thermal shock resistance and the like, and the annealing of toughened glass are avoided because of a lower brazing temperature used, thereby providing convenience to the processing of toughened vacuum glass, toughened insulated glass and other toughened compound glass products.

No. of Pages: 13 No. of Claims: 12

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MANAGING SMS SPOOFING USING SMPP PROTOCOL

(51) International (71)Name of Applicant: :H04W12/12,H04L12/58,H04L29/06 classification 1)ALCATEL LUCENT (31) Priority Document No Address of Applicant: 3, AVENUE OCTAVE GREARD, :12/652.867 (32) Priority Date :06/01/2010 75007 PARIS France (33) Name of priority (72)Name of Inventor: :U.S.A. 1)YIGANG CAI country (86) International 2)GYAN SHANKER :PCT/US2010/060669 Application No :16/12/2010 Filing Date (87) International :WO 2011/084560 A1 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

Systems and methods are disclosed for managing Short Messaging Service, SMS, spoofing using Short Messaging Peer-to-Peer, SMPP, protocol. An SMPP protocol communication includes an SMPP transmitter (202) and an SMPP transceiver (204). The SMPP transmitter (202) identifies or receives an SMS message for transmission to a destination. The SMPP transmitter (202) identifies a source address for the SMS message, and determines whether the source address is authentic. If the source address is not authentic, then the SMPP transmitter (202) inserts a validity indicator in an SMPP Packet Data Unit, PDU, along with the SMS message, that the source address is not authentic before transmitting the SMPP PDU to the SMPP transceiver (204). Upon receiving the SMPP PDU from the SMPP transmitter (202), the SMPP transceiver (204) may determine whether or not to deliver the SMS message to the destination based on the validity indicator provided by the SMPP transmitter (202).

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

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITE LAMINATES AND USES THEREOF

(51) International classification	:B32B17/10,B32B27/32	(71)Name of Applicant:
(31) Priority Document No	:61/287,469	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:17/12/2009	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674 U.S.A.
(86) International Application No	:PCT/US2010/059458	(72)Name of Inventor:
Filing Date	:08/12/2010	1)WU, SHAOFU
(87) International Publication No	:WO 2011/084323 A1	2)MARTIN, PETER, S.
(61) Patent of Addition to Application	:NA	3)CHEN, XUMING
Number	:NA	4)BOVEN, MICHELLE, L.
Filing Date	.1171	5)ZHOU, WEIJUN
(62) Divisional to Application Number	:NA	6)KUZNETSOVA, VALENTINA, A.
Filing Date	:NA	

(21) Application No.5265/CHENP/2012 A

(57) Abstract:

The present invention generally relates to composite glass laminates and uses thereof in articles in need of protection from mechanical damage and water or oxygen based degradation.

No. of Pages: 41 No. of Claims: 14

(21) Application No.5490/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: ANTI-BV8 ANTIBODIES AND USES THEREOF

(51) International :C07K16/22,A61K39/395,A61P35/00 classification

(31) Priority Document No :61/284,743 (32) Priority Date :23/12/2009

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

country

(86) International :PCT/US2010/061760

Application No :22/12/2010 Filing Date

(87) International

:WO 2011/079185 A1 Publication No

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

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

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant: 124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland

(72)Name of Inventor: 1)FERRARA, NAPOLEONE

2)LIANG, WEI-CHING

3)MENG, YU-JU, G.

4)TIEN, JANET

5)WU, XIUMIN 6)WU, YAN

7)YU, LANLAN

(57) Abstract:

The present invention concerns antibodies to Bv8 and the uses of same.

No. of Pages: 269 No. of Claims: 43

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPLICATION-ENABLEMENT DATA SWITCH FOR ENHANCING LEGACY NFC SYSTEMS WITH WEB SERVICES

(51) International classification	:H04L29/08	(71)Name of Applicant :
(31) Priority Document No	:12/651,901	1)ALCATEL LUCENT
(32) Priority Date	:04/01/2010	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:U.S.A.	75007 PARIS France
(86) International Application No	:PCT/US2010/060172	(72)Name of Inventor:
Filing Date	:14/12/2010	1)MICHAEL S. WENGROVITZ
(87) International Publication No	:WO 2011/081895 A1	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An Application-Enablement data switch enables web-enhanced services to be provided to legacy near-field communication (NFC) systems. The data switch receives IP packets from a legacy network and identifies select IP packets that contain NFC data indicating a reader ID of an NFC reader and a tag ID of an NFC tag in communication with the NFC reader. The switch further extracts the NFC data from the select IP packets and inserts the NFC data into a request message that is transmitted to a web application server that provides the web-enhanced services based on the NFC data.

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

(19) INDIA

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

(21) Application No.5493/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: FREQUENCY-TUNABLE MICROWAVE BANDPASS FILTER

(51) International classification (31) Priority Document No	:H01P1/207 :0906258	(71)Name of Applicant : 1)THALES
(32) Priority Date	:22/12/2009	Address of Applicant :45, RUE DE VILLIERS, F-92200
(33) Name of priority country	:France	NEUILLY-SUR-SEINE France
(86) International Application No	:PCT/EP2010/070145	(72)Name of Inventor:
Filing Date	:17/12/2010	1)BERNARD MEURICHE
(87) International Publication No	:WO 2011/076698	
(67) International Lubication (Vo	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	27.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a frequency-tunable microwave bandpass filter that comprises, altogether, at least the following elements: a wave guide having a rectangular cross-section and including a stationary first conductive portion I and a movable second conductive portion II. Said first portion includes a plurality of first conductive partitions (1051, 1052 and 1054, 1055) having one or more conductive obstacles related to the complementary openings Oi in the section of the guide that forms capacitive irises. Said first partitions are transversely mounted, at the propagation of the wave in the guide and defining a plurality of cavities Ki (1061, 1062) in the longitudinal direction of the guide, and are rigidly connected to the first portion I and the second conductive partitions (1053) that have one or more openings defining capacitive irises and that, in combination with the adjacent guide lengths (L3, L4), moreover form imitance inverters Ji. Said first partitions (1051, 1052 and 1054, 1055) form a series of resonating cavities Ki that are coupled by the imitance inverters Ji. A means makes it possible to ensure electrical contact between the conductive portions I and II.

No. of Pages: 22 No. of Claims: 9

:NA

(19) INDIA

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING ETHYLENE CARBONATE AND ETHYLENE GLYCOL

(51) International (71)Name of Applicant: :C07D317/38,C07C29/09,C07C31/20 classification 1)MITSUBISHI CHEMICAL CORPORATION (31) Priority Document No :2009-272416 Address of Applicant: 1-1. MARUNOUCHI 1-CHOME. (32) Priority Date :30/11/2009 CHIYODA-KU, TOKYO-100-8251 Japan (33) Name of priority (72)Name of Inventor: :Japan 1)YAMAGISHI, MASAHIKO country (86) International :PCT/JP2010/071251 Application No :29/11/2010 Filing Date (87) International :WO 2011/065528 A1 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

(57) Abstract:

Application Number

Filing Date

A method for producing ethylene carbonate coirprises the steps of obtaining a reaction solution containing ethylene carbonate by reacting carbon dioxide and ethylene oxide in the presence of a catalyst and purifying produced ethylene carbonate by means of crystallization, the method conprising extracting a solution containing the catalyst from the reaction solution, adding water to the extracted solution in an amount of not less than 20 times by weight an amount of the catalyst dissolved in the extracted solution to deposit undissolved matters, removing the deposited undissolved matters from the extracted solution, and then circulating the solution to the reaction solution. Accordingly, it is possible to efficiently produce ethylene carbonate from which any colored coitponent is removed. Further, in an ethylene glycol production process, the operation can be performed stably for a long period of time while avoiding the clog-up or blockade.

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

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : DEVICE AND METHOD FOR CREATING A FINE-GRAINED FUEL FROM SOLID OR PASTE-LIKE RAW ENERGY MATERIALS BY MEANS OF TORREFACTION AND CRUSHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C10L5/44 :10 2009 053 059.2 :16/11/2009 :Germany :PCT/EP2010/006955 :16/11/2010 :WO 2011/057822 A1	GMBH (72)Name of Inventor: 1)ABRAHAM, RALF
Filing Date (87) International Publication No (61) Patent of Addition to Application	:16/11/2010 :WO 2011/057822	GMBH (72)Name of Inventor : 1)ABRAHAM, RALF 2)HAMEL, STEFAN
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)SCHAFER, RALF

(57) Abstract:

Contrivance and process for the production of a fine-grained fuel from solid or pasty energy feedstocks by means of ton-efaction, comprising an impact reactor with a rotor and impact elements said impact reactor being heat resistant up to 350 degrees Celsius a hot recycle gas feed device at the bottom of the impact reactor, a solid or pasty energy feedstock feed device at the top of the reactor, at least one device for discharging a gas stream containing crushed, tonrefied energy feedstock particles, and a device for separating and discharging crushed, tonrefied energy feedstock particles from the gas stream discharged from the impact reactor.

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

(22) Date of filing of Application :04/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DISPOSABLE WEARING ARTICLE

(51) International classification :A61F13/15,A61F13/49,A61F13/496

(31) Priority Document No :2009-298929 (32) Priority Date :28/12/2009

(33) Name of priority country :Japan

(86) International

Application No :PCT/JP2010/072714

Filing Date :16/12/2010

(87) International Publication No :WO 2011/081034 A1

:NA

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

:NA
:NA
:NA

(71)Name of Applicant:

1)UNICHARM CORPORATION

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SHIKOKUCHUO-SHI, EHIME 7990111 Japan

(72)Name of Inventor:
1)ICHIKAWA, MAKOTO
2)SASAYAMA, KENICHI
3)YAMAMOTO, HIROKI
4)UKEGAWA, KAZUO

5)NINOMIYA, AKIHIDE

(57) Abstract:

Filing Date

The present invention to provide a disposable wearing article improved so that, with the wearing article put on the wearers body, a liquid-absorbent structure is spaced from the wearers skin to protect the wearers skin from being soiled with body waste and the body waste having flowed into the front and rear waist regions may be prevented from leaking out beyond these waist regions by providing the front and rear waist regions with body waste retaining spaces. A crotch member 12 defining parts of front and rear waist regions 13, 14 and a crotch region 15 has a front end 35 lying in the front waist region 13 and a rear end 36 lying in the rear waist region 14 wherein at least one of the front and rear ends 35, 36 defines non-bonded regions 66, 70 in an intermediate zone as viewed in the transverse direction X of the crotch member 12 and is attached to the outer surface of an elastic waist panel 11 by the intermediary of square U-shaped bonded regions 62, 63 opening toward the crotch region 15.In areas defining the non-bonded regions 66, 70, body waste retaining space (s) 73, 74 are formed between the elastic waist panel 11 and the crotch member 12.

No. of Pages: 31 No. of Claims: 3

(21) Application No.4845/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING DATA IN VERY HIGH THROUGHPUT WIRELESS LOCAL AREA NETWORK SYSTEM

(51) International :H04B7/26,H04L29/08,H04W84/12

classification (31) Priority Document No :61/329.104

(32) Priority Date :29/04/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/KR2011/003151

No :28/04/2011

Filing Date

(87) International Publication :WO 2011/136582 A3

(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)LG ELECTRONICS INC.

Address of Applicant :20 YEOUIDO-DONG,

YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea

(72)Name of Inventor:

1)KANG, BYEONG WOO

2)NOH, YU JIN 3) LEE, DAE WON 4)SEOK, YONG HO

(57) Abstract:

A method of transmitting data in a wireless local area network is provided. The method includes the steps of: gen erating a data unit including a MAC(Medium Access Control) header and MSDU(MAC Service Data Unit), generating an encod ed data unit by encoding the data unit, generating one or more spatial blocks by dividing the encoded data unit, dividing each of the one or more spatial block into a first block and a second block, generating a first interleaved block and a second interleaved block by interleaving the first block and the second block respectively, generating a first mapped sequence by mapping the first in terleaved block into signal constellation, generating a second mapped sequence by mapping the second interleaved block into signal constellation, generating the transmission signal by performing IDFT(Inverse Discrete Fourier Transform) to the first mapped sequence and the second mapped sequence; and transmitting the transmission signal.

No. of Pages: 33 No. of Claims: 7

(21) Application No.5608/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: TOXIN-IMMUNITY SYSTEM

(51) International :C07K14/21,C12N15/65,C12N15/79 classification

(31) Priority Document No :61/286,899 (32) Priority Date :16/12/2009 (33) Name of priority country: U.S.A.

(86) International :PCT/US10/060873 Application No :16/12/2010

Filing Date

(87) International Publication :WO 2011/084647 A3

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

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

(71)Name of Applicant:

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Address of Applicant: UW MAIL BOX 354990, 4311-11TH AVENUE NE, SUITE 500, SEATTLE, WA 98105 U.S.A.

(72)Name of Inventor: 1)MOUGOUS, JOSEPH

(57) Abstract:

The present invention provides host cells whose survivability can be conditionally controlled, and vectors that can be used for preparing such host cells and for selectable cloning.

No. of Pages: 72 No. of Claims: 32

(21) Application No.5162/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELECTRODE PASTE FOR ELECTRODES IN BINDER-FREE GRAPHITE WITH HYDROCARBON BASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H05B7/09 :MI2009A 002203 :16/12/2009 :Italy :PCT/EP2010/069547 :13/12/2010 :WO 2011/073153 A1 :NA	(71)Name of Applicant: 1)ITALGHISA S.P.A. Address of Applicant:VIA GRAMSCI, 184, I-25021 BAGNOLO MELLA (BRESCIA) Italy (72)Name of Inventor: 1)FERRARI, SANDRO 2)CAVALLOTTI, IRMA 3)CONTI, GIUSEPPE 4)DUSI, MAURIZIO
. ,	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A Soederberg electrode with low PAH emission is described, to be used in electrothermal processes for the pro-duction of metal materials, preferably ferro-alloys, which can be obtained from an electrode paste with a base of a carbonaceous material, fine graphite, carbohydrates and water and/or PEG.

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

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04L12/26 :61/265,178 :30/11/2009 :U.S.A. :PCT/US2010/058209 :29/11/2010 :WO 2011/066507 A1	(71)Name of Applicant: 1)ENTROPIC COMMUNICATIONS, INC. Address of Applicant:6290 SEQUENCE DRIVE, SAN DIEGO, CALIFORNIA 92121 U.S.A. (72)Name of Inventor: 1)HEBRON, YOAV
		1)HEBRON, YOAV
(61) Patent of Addition to Application Number	:WO 2011/066507 A1 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus for communicating uncast PQoS DFID information in a MoCA network are disclosed. In a transmitting apparatus, values are assigned in a first set of fields of a reservation request element, the first set adapted to indicate a unicast PQoS flow with a DFID value. Values are assigned in a second set of fields of the reservation request element, the second set adapted to represent the DFID value. A message comprising the reservation request element is transmitted to a network coordinator. In a receiving network coordinator, a message comprising a reservation request element is received. It is determined whether the first set is indicative of a unicast PQoS flow with a DFID value. The DFID value is determined from the second set if the first set is mdicative of a unicast PQoS flow with a DFID value.

No. of Pages: 42 No. of Claims: 21

(21) Application No.5400/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF GADOBENATE DIMEGLUMINE COMPLEX IN A SOLID **FORM**

(51) International :A61K9/08,A61K49/00,C07C227/38 classification

:09176713.7 (31) Priority Document No

(32) Priority Date :23/11/2009

(33) Name of priority :EPO country

(86) International :PCT/EP2010/067981

Application No :23/11/2010

Filing Date

(87) International Publication :WO 2011/061341 A1

No

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

:NA Filing Date

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

(71)Name of Applicant:

1)BRACCO IMAGING S.P.A.

Address of Applicant: VIA EGIDIO FOLLI, 50, I-20134

MILANO Italy

(72)Name of Inventor:

1)ANELLI, PIER LUCIO 2)LATTUADA, LUCIANO 3)FRETTA, ROBERTA

4) FERRIGATO, AURELIA

5)MOROSINI, PIER FRANCESCO

6) CERAGIOLI, SILVIA 7) UGGERI, FULVIO

(57) Abstract:

The present invention discloses a process for the preparation of gadobenate dimeglumine complex in a solid form. In particular, said solid form is conveniently obtained by spray-drying a corresponding liquid suspension at a given temperature and concentration. The present invention is particularly advantageous for the industrial scale as the solid form may be obtained by employing water as a solvent, which is a non-toxic solvent, easy to handle and basically not requiring troublesome health or safety precautions.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INTRAOCULAR DEVICES AND ASSOCIATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61F2/16 :61/287,749 :18/12/2009 :U.S.A. :PCT/US2010/059026 :06/12/2010 :WO 2011/075331 A1 :NA :NA	(71)Name of Applicant: 1)NOVARTIS AG Address of Applicant: LICHTSTRASSE 35, CH-4056 BASEL Switzerland (72)Name of Inventor: 1)ZHANG, XIAOXIAO 2)YANG, YIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Visual aids and associated methods for improving the eye sight of low vision patients are provided. Generally, the devices of the present disclosure address the needs of age-related macular degeneration (AMD) and other low vision patients by providing a magnified retinal image while keeping a large visual field of view. Further, the devices of the present disclosure allow direction of the magnified retinal image away from damaged portions of the retina and towards healthy, or at least healthier, portions of the retina. The devices of the present disclosure are also configured for implantation within the eye using minimally invasive surgical procedures. Methods of utilizing the devices of the present disclosure, including surgical procedures, are also provided.

No. of Pages: 41 No. of Claims: 28

(21) Application No.5612/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: OPTHTHALMIC VALVED TROCAR CANNULA

:NA

:NA

(51) International classification	:A61B17/34,A61F9/007	(71)Name of Applicant:
(31) Priority Document No	:61/289,449	1)ALCON RESEARCH, LTD.
(32) Priority Date	:23/12/2009	Address of Applicant :6201 SOUTH FREEWAY, TB4-8,
(33) Name of priority country	:U.S.A.	FORT WORTH, TX 76134 U.S.A.
(86) International Application No	:PCT/US2010/057582	(72)Name of Inventor:
Filing Date	:22/11/2010	1)LOPEZ, JOSE
(87) International Publication No	:WO 2011/087577 A1	2)PATNALA, ANIL
(61) Patent of Addition to Application	:NA	3)MARTIN, MICHAEL
Number	:NA :NA	
Filing Date	.IVA	

(57) Abstract:

Filing Date

In various embodiments, a trocar cannula (101) maybe configured for insertion into an eye to facilitate insertion and removal of instruments during surgery. The cannula may be affixed to an overcap (103) to inhibit rotation of the overcap relative to the cannula) that includes a seal (111). In some embodiments, the seal may be overmolded into the overcap or may include a wafer that is fixed between the cannua and the overcap to inhibit rotation relative to the cannula and the overcap. In some erhbodiments, the cannula and overcap may snap together through a tab/slot interface (107, 109) in a permanent fashion such that the cannula and overcap may not be sep-arated without damaging the cannula or overcap. In some embodiments, a vent cannula may be receivable in the slit of the seal for allowing fluids to vent from the eye through the cannula (which may include an indentation to fictionally engage the vent).

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

(62) Divisional to Application Number

(21) Application No.5302/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DOSE SETTING MECHANISM WITH MAXIMUM DOSE LIMITING ELEMENT

(51) International classification	:A61M5/315	(71)Name of Applicant:
(31) Priority Document No	:09179998.1	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:18/12/2009	Address of Applicant :BRUNINGSTRASSE 50, D-65929
(33) Name of priority country	:EPO	FRANKFURT AM MAIN Germany
(86) International Application No	:PCT/EP2010/069863	(72)Name of Inventor:
Filing Date	:16/12/2010	1)SMITH, CHRISTOPHER JAMES
(87) International Publication No	:WO 2011/073302	2)OAKLAND, PHILIP
(87) International 1 dollcation No	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dose setting mechanism for a drug delivery device is provided comprising first maximum dose stop features (1) on a first component part (2) of the drug delivery device and corresponding second maximum dose stop features (3) on a second component part (4) of the drug delivery device, with the first and second maximum dose stop features (1, 3) being designed to limit a relative movement between the first and second component parts (2, 4). To limit the maximum dose which can be chosen, a maximum dose limiting device (5, 10, 10, 10, 10) is provided interposed on the first component part (2) between the first and second maximum dose stop features (1,3).

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

(21) Application No.5526/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: PESTICIDAL MIXTURES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01N37/28,A01N37/50,A01N43/40 :09178730.9 :10/12/2009 :EPO	(71)Name of Applicant: 1)BASF SE Address of Applicant:67056 LUDWIGSHAFEN Germany (72)Name of Inventor: 1)GEWEHR, MARKUS
(86) International Application No Filing Date (87) International	:PCT/EP2010/068975 :06/12/2010 :WO 2011/069967 A3	
Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to synergistic mixtures comprising, as active components, one insecticidal compound I selected from the group of insect growth regulators comprising chitin synthesis inhibitors, moulting disrupters and ecdysone receptor agonists; and one fungicidal compound II selected from the group of strobilurine fungicides in synergistic effective amounts.

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

(21) Application No.5527/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION METHOD AND EXCHANGE

(51) International :H04W36/00,H04W88/14,H04W92/24 classification

(31) Priority Document No :2009-293016

(32) Priority Date :24/12/2009 (33) Name of priority

:Japan country

(86) International :PCT/JP2010/073432 Application No

:24/12/2010 Filing Date

(87) International

:WO 2011/078363 A1 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant: 11-1. NAGATACHO 2-CHOME.

CHIYODA-KU, TOKYO 100-6150 Japan

(72)Name of Inventor: 1)MORITA, TAKASHI 2)TANAKA, ITSUMA 3)TAKITA, KAZUKI

(57) Abstract:

Filing Date

The present invention is designed such that a new SGSN receives a location update message from a terminal (1) having moved from the management area of an old SGSN to the management area of the new SGSN, and the new SGSN having received the location update message sends a GTPv2 signal for getting communication path information corresponding to GTPv2, to the old SGSN. The old SGSN, upon receiving the GTPv2 signal, if holding communication path information of GTPvl as a logical communication path established for the terminal (1), sends, as a response, a GTPv2 signal in which the communication path information by GTPv1 is set in an additional parameter 24, to the new SGSN.

No. of Pages: 33 No. of Claims: 5

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELECTRIC CONTACT ELEMENT AND METHOD FOR PRODUCING AN ELECTRIC CONTACT ELEMENT

(51) International :H01H1/021,H01H1/0237,H01H11/06 classification

(31) Priority Document No :61/295.530

(32) Priority Date :15/01/2010

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

country

(86) International Application No :PCT/EP2011/050482

Filing Date :14/01/2011

(87) International Publication No :WO 2011/086167 A1

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant:

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Address of Applicant : RODENBACHER CHAUSSEE 4,

63457 HANAU-WOLFGANG Germany

2)TYCO ELECTRONICS AMP GMBH

(72)Name of Inventor: 1)HEINRICH, JENS 2)HOFFMANN, RALF 3)SANDECK, PETER

4)WIEBERGER, MARTIN 5)BRAUMANN, PETER 6)KOFFLER, ANDREAS

7)KEMPF, BERND 8)MOLVAR, ALLEN

(57) Abstract:

The present invention relates to a method for producing an electric contact element from a semifinished product and to the electric contact element and the corresponding semifinished product. The method for producing an electric contact element (100), which can be electrically contacted by a mating contact, comprises the following steps: producing a wire (120) from a first electrically conductive material (112); coating the wire surface with a sheath (114) made of a second electrically conductive material; partially removing the sheath (114) in a direction along a longitudinal wire axis (118); forming at least one cylindrical semifinished product (110) by dividing the wire in a direction transverse to the longitudinal wire axis; fixing the semifinished product on a contact carrier (104) such that the second electrically conductive material is connected to the contact carrier; and reshaping the welded semifinished product so as to form the contact element (100), wherein a contact area (106), which is accessible for a mating contact, is formed by the first electrically conductive material.

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

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PRETREATMENT PROCESS FOR ALUMINIUM AND HIGH ETCH CLEANER USED THEREIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/290,279 :28/12/2009 :U.S.A.	(71)Name of Applicant: 1)HENKEL AG & CO. KGAA Address of Applicant: HENKELSTRASSE 67, D-40589 DUSSELDORF Germany (72)Name of Inventor: 1)KAPIC, EDIS 2)SIENKOWSKI, MICHAEL 3)GOODREAU, BRUCE, H. 4)CORNEN, SOPHIE
Number Filing Date	·- ·	4)CORNEN, SOPHIE
(62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a high etch cleaner for aluminum and aluminum alloy substrates that leads to enhanced corrosion protective performance of a variety of anti-corrosion pretreatments. The cleaner comprises very low levels of silicate of from 0 to 250 ppm, 50 to 500 ppm of at least one chelator selected from EDTA or its salts, NTA or its salts, DTPA or its salts, iminodisuccinic acid or its salts, EDDS or its salts, tartaric acid or its salts, or a mixture thereof, and has a high pH of from 11.0 to 13.5. Preferably the cleaner is used to etch from 0.5 to 4.0 grams per meter squared from the substrates. Substrates treated with the cleaner and then coated with a variety of anti-corrosion pretreatments and outer coatings show enhanced corrosion resistance compared to substrates cleaned with standard cleaners that have low etch rates, high silicate levels and no chelating agents followed by anti-corrosion pretreatments and outer coatings.

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

(21) Application No.5468/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

:NA

(54) Title of the invention: ADHESIVE SHEET WITH DIFFERENTIALLY THICK RELEASE COATING

(51) International classification :C09J7/02,C09J7/04,B42D5/00 (71)Name of Applicant : (31) Priority Document No 1)3M INNOVATIVE PROPERTIES COMPANY :61/289,174 (32) Priority Date :22/12/2009 Address of Applicant :3M CENTER, POST OFFICE BOX (33) Name of priority country 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2010/061730 1)MAIER, GARY W. Filing Date :22/12/2010 (87) International Publication No :WO 2011/087828 A1 2)KINNING, DAVID J. (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A sheet comprising a substrate having a first major surface and a second major surface, the first major surface having one or more segments of adhesive thereon and the second major surface having a release coating thereon wherein the release coating substantially completely covers the second major surface and has a varied thickness corresponding to the adhesive segments.

No. of Pages: 16 No. of Claims: 3

(19) INDIA

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

(21) Application No.5469/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: AIR CONDITIONER

(51) International classification	:F24F13/20, F24F11/02,F21V19/00	(71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA
(31) Priority Document No	:2009-290026	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,
(32) Priority Date	:22/12/2009	OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2010/072959	1)TAKEGAWA, NOBUHIDE
Filing Date	:21/12/2010	
(87) International Publication No	:WO 2011/078146 A1	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is an air conditioner in which a display-unit is accurately positioned with respect to a front panel that is inserted into a casing. A front panel 2 is fitted into a casing 1, and a display unit 7 is attached to the casing 1 so as to be movable in the vertical and lateral directions. A rib 25 is formed at a peripheral edge of a display window 12 of the front panel 2, and a guide rib 26 is formed at a front edge of a light emission hole 10 of the display unit 7. At a time when the front panel 2 is fitted into the casing 1, and when the position of the display window 12 is deviated from the position of the light emission hole 10, the rib 25 is brought into contact with the guide rib 26. The display unit 7 is pushed and moved by the rib 25. Thereby, the position of the light emission hole 10 is aligned with the position of the display window 12.

No. of Pages: 31 No. of Claims: 4

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION SYSTEM AND RADIO BASE STATION

(51) International classification :H04W8/26,H04W16/32,H04W88/00 (31) Priority Document No :2009-283071 (32) Priority Date :14/12/2009 (33) Name of priority country (86) International Application No Filing Date :PCT/JP2010/072425 :14/12/2010

(87) International
Publication No

(81) Publication No

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

(71)Name of Applicant: 1)NTT DOCOMO, INC.

Address of Applicant :11-1, NAGATACHO 2-CHOME,

CHIYODA-KU, TOKYO, 100-6150 Japan

(72)Name of Inventor:

1)TAKAHASHI, HIDEAKI

2)HAPSARI, WURI ANDARMAWANTI

3)UMESH, ANIL 4)IWAMURA, MIKIO 5)ISHII, MINAMI

(57) Abstract:

A mobile communication system according to the present invention is configured so that the Macro eNB ID that identifies the relay node RN and the eNB ID that identifies the radio base station DeNB are identical, and the radio base station DeNB includes an assignment unit 22 configured to assign, at activation of the relay node RN, the Cell Identity that identifies the cell subordinate to the relay node RN to avoid overlap with the Cell Identity that is used as the Cell Identity that identifies a cell subordinate to the radio base station DeNB and cells subordinate to the other relay node RNs that are connected to the radio base station DeNB.

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

(21) Application No.5581/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : INDUSTRIAL BURNER AND RELATED COMBUSTION PROCESS FOR HEAT TREATMENT FURNACES

(57) Abstract:

A high speed burner having very low polluting emissions, suitable for the process for heat treatment furnaces of a load in free atmosphere. The burner is capable of creating a compact and lean flame with the peculiarity of keeping the NOx emissions at very low levels at any chamber temperature and at any excess combustion air. The burner requires a single inlet for the comburent air and a single inlet for the combustible gas.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: RESTRICTION ENZYME BASED WHOLE GENOME SEQUENCING

(31) Priority Document No :61. (32) Priority Date :17. (33) Name of priority country :U. (86) International Application No :PC Filing Date :16.	5/12/2010 'O 2011/074960 A1 A A	(71)Name of Applicant: 1)KEYGENE N.V. Address of Applicant: P.O. BOX 216, NL-6700 AE WAGENINGEN Netherlands (72)Name of Inventor: 1)HOGERS, RENE, CORNELIS, JOSEPHUS 2)VAN EIJK, MICHAEL, JOSEPHUS, THERESIA
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(57) Abstract:

Method for de novo whole genome sequencing based on a (sequence-based) physical map of a DNA sample clone bank based on end-sequencing tagged adapter-ligated restriction fragments, in combination with sequencing adapter-ligated restriction fragments of the DNA sample wherein the recognition sequence of the restriction enzyme used in the generation of the physical map is identical to at least part of the recognition sequence of the restriction enzyme used in the generation of the DNA sample.

No. of Pages: 48 No. of Claims: 10

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POWER CONVERTER DEVICE AND DRIVING METHOD THEREOF

(51) International classification	:H02M7/48	(71)Name of Applicant:
(31) Priority Document No	:2009-292564	1)MITSUBISHI ELECTRIC CORPORATION
(32) Priority Date	:24/12/2009	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8310 Japan
(86) International Application No	:PCT/JP2010/058900	(72)Name of Inventor:
Filing Date	:26/05/2010	1)JIMICHI, TAKUSHI
(87) International Publication No	:WO 2011/077767	2)AZUMA, SATOSHI
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a power converter device in which a current is divided to flow in a plurality of semiconductor elements and a voltage drop is compensated so as to obtain an output voltage with high accuracy. In a power converter device wherein a leg (21) comprises two semiconductor device groups which are connected in series and a division current is generated in a current which flows in the semiconductor device group between elements in the semiconductor device groups, a current sensor (26) which detects a current which flows in the semiconductor device group, a voltage command generation unit (31) which calculates a voltage command value to be outputted, a voltage drop calculating unit (32) which calculates a voltage drop of the semiconductor device group by using a current value which is detected by the current sensor (26) and voltage drop characteristics including a division characteristic of the semiconductor device group and a switching control unit (33) which corrects a voltage command value which is generated by the voltage command generation unit by using the voltage drop which is calculated so as to control ON/OFF of the switching element are provided.

No. of Pages: 75 No. of Claims: 15

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR SEALING CURVED VACUUM GLASS AND CURVED VACUUM GLASS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C03C27/08 :200910250137.1 :27/11/2009 :China :PCT/CN2010/078237 :29/10/2010 :WO 2011/063697 A1	(71)Name of Applicant: 1)LUOYANG LANDGLASS TECHNOLOGY CO., LTD. Address of Applicant: NO.2, PEONY ROAD, LUOLONG SCIENTIFIC & TECHNOLOGIC PARK, LUOLONG DISTRICT, LUOYANG, HENAN - 471 000 China (72)Name of Inventor: 1)LI, YANBING
(87) International Publication No		1)LI, YANBING
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2011/063697 A1 :NA :NA	1)LI, YANBING 2)WANG, ZHANGSHENG
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method for sealing the curved vacuum glass comprises: first preparing metallized layer bonded with the glass plate on the edge surface of the curved glass to be sealed by locally heating the metal slurry coating; then air-tightly sealing the edges of two glass plates by using the metal brazing technology, or air-tightly sealing the edges of two glass plates by air-tightly welding the metal sealing sheet between the metallized layers of two glass plates to be sealed. A curved vacuum glass is also provided. The method makes the sealing part have firm connection, good air tightness and good thermal shock resistance. The sealing structure made of the metal sealing sheet is well compatible with the temperature deformation caused by the temperature difference between the internal and external glass plates of the vacuum glass.

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

(21) Application No.5561/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITION FOR METAL ELECTROPLATING COMPRISING LEVELING AGENT

` '	n:C08L79/02,C08G73/02,C25D3/02	(71)Name of Applicant:
(31) Priority Document No	:61/264,705	1)BASF SE
(32) Priority Date	:27/11/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2010/067874 :22/11/2010	1)ROGER-GOPFERT, CORNELIA 2)RAETHER, ROMAN BENEDIKT 3)MAYER, DIETER
(87) International Publication No	:WO 2011/064154 A3	4)EMNET, CHARLOTTE 5)ARNOLD, MARCO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composition comprising a source of metal ions and at least one additive comprising at least one polyaminoamide represented by formula I or derivatives of a polyaminoamide of formula I obtainable by complete or partial proto-nation, N-quarternisation or acylation.

No. of Pages: 41 No. of Claims: 16

(21) Application No.5660/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: INFORMATION DISPLAY SYSTEM, COMMUNICATION TERMINAL, CELLULAR PHONE AND INFORMATION DISPLAY METHOD

(51) International classification :H04M1/00,H04N7/173 | (71)Name of Applicant : (31) Priority Document No :2009-298143 (32) Priority Date :28/12/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/072900 Filing Date :20/12/2010

(87) International Publication No :WO 2011/081047 A1

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

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor: 1)TOMOHISA HANGAI

(57) Abstract:

Each of the cellular phones includes a specification information storage unit for specifying the cellular phone itself, an image information storage unit that stores image information, an operation information creation unit that creates operation information for operating a display image, and a transmission unit that transmits, to the communication terminal, a communication signal including the specification information, the image information and the operation information. The communication terminal includes a reception unit that receives the communication signal from each of the cellular phones, a display information storage unit that stores, as display information, the image information included in the received communication signal, a display unit, and a display control unit for reading out display information of the cellular phone, from the display information storage unit, and for displaying the display information as an image on the display unit, and for controlling the display image displayed on the display unit based on the operation information.

No. of Pages: 71 No. of Claims: 9

(19) INDIA

(21) Application No.5460/CHENP/2012 A

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: NUT WITH LUG FLARE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16B39/282 :NA :NA :NA :PCT/US2009/069202 :22/12/2009 :WO 2011/078852 A1	(71)Name of Applicant: 1)R B & W MANUFACTURING LLC Address of Applicant:10080 WELLMAN ROAD, STREETSBORO, OHIO-44241 U.S.A. (72)Name of Inventor: 1)PAMER, W. RICHARD 2)DENNIS, DOUGLAS, P.
. , 1		
. ,		
` /	:WO 2011/078852 A1	2)DENNIS, DOUGLAS, P.
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A clinch nut for attachment to a plastically deformable metal substrate is provided. The clinch nut comprises a body portion with a central axis and a punch portion extending from the body portion and coaxial with the central axis. The body portion includes an annular-shaped surface encircling the central punch portion. The annular-shaped surface includes a plurality of spaced apart lugs encircling the central punch portion. The plurality of lugs each includes a contact surface with a recessed portion where the contact surface engages the metal substrate. A first portion of the contact surface is biased outwards from the central axis upon insertion in the metal substrate to form at least one lug flare during attachment of the nut to the metal substrate. A portion of the metal substrate is entrapped between the at least one lug flare and the body portion.

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPARATUS AND METHOD FOR MICROCONTACT PRINTING USING A PRESSURIZED ROLLER

(51) International classification	:B41F31/00	(71)Name of Applicant :
(31) Priority Document No	:61/288,945	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/060912	(72)Name of Inventor:
Filing Date	:17/12/2010	1)BERNIARD, TRACIE, J.
(87) International Publication No	:WO 2011/079032 A1	2)FREY, MATTHEW, H.
(61) Patent of Addition to Application	:NA	3)BEHYMER, LANCE, E.
Number	:NA	4)PEKUROVSKY, MIKHAIL, L.
Filing Date	.INA	5)GREGER, RICHARD W.
(62) Divisional to Application Number	:NA	6)MEEHAN, DANIEL P.
Filing Date	:NA	7)O'HARE, JONATHAN J.

(57) Abstract:

An apparatus and method for microcontact printing are described. The microcontact printing apparatus includes a planar stamp and a pressurized roller. The pressurized roller includes an inflatable bladder that can be inflated by a fluid to a pressure that reduces printing defects such as voids and stamp collapse. A substrate is disposed between the pressurized roller and a stamp coated with an ink of functionalizing molecules. As the pressurized roller moves over the substrate, at least a portion of the functionalizing molecules are transferred from the stamp to the substrate in the desired pattern.

No. of Pages: 59 No. of Claims: 15

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BONDED SUBSTRATES AND METHODS FOR BONDING SUBSTRATES

(51) International classification	n:B32B5/26,B32B37/06,B32B37/10	(71)Name of Applicant:
(31) Priority Document No	:61/288,952	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application	:PCT/US2010/061253	(72)Name of Inventor:
No	:20/12/2010	1)BIEGLER, KRISTOPHER, K.
Filing Date	.20/12/2010	2)FERREIRO, JORGE, A.
(87) International Publication	:WO 2011/087752 A3	3)GORMAN, MICHAEL, R.
No	. WO 2011/08//32 A3	4)PANZA, VICTOR, F.
(61) Patent of Addition to	:NA	5)PARODI, OMAR, A.
Application Number	:NA	6)SERRA, GABRIELA, F.
Filing Date	.IVA	7)UNRUH, WILLIAM, C.
(62) Divisional to Application	:NA	
Number	:NA	
Pili D.4.	.11/1	

(57) Abstract:

Filing Date

Herein are disclosed apparatus and methods for impinging heated fluids onto the surfaces of substrates to heat the surfaces of the substrates so as to facilitate melt-bonding the substrates to each other to form a laminate. Also are disclosed are laminates in which a fibrous web is bonded to a substrate in a surface-bonded manner and/or is bonded in a loft-retaining manner. The substrate may comprise protrusions on the surface of the substrate opposite the surface that is bonded to the fibrous web.

No. of Pages: 57 No. of Claims: 15

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHODS FOR IMPINGING FLUIDS ON SUBSTRATES

(51) International classification (31) Priority Document No	n:B32B37/00,B32B37/04,B32B5/24 :61/288,959	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/12/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country		33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/061237 :20/12/2010	(72)Name of Inventor: 1)BIEGLER, KRISTOPHER, K. 2)EERREIRO, LODGE A
Filing Date (87) International Publication No	:WO 2011/087750 A3	2)FERREIRO, JORGE, A. 3)GORMAN, MICHAEL, R. 4)PANZA, VICTOR, F.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)PARODI, OMAR, A. 6)SERRA, GABRIELA, F. 7)UNRUH, WILLIAM, C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for impinging fluid onto at least a first surface of a first moving substrate and a first surface of a second moving substrate and locally removing the impinged fluid, comprising: at least one first fluid delivery outlet; at least one first fluid capture inlet that is locally positioned relative to the first fluid delivery outlet; at least one second fluid delivery outlet; at least one first fluid delivery outlet and the at least one second fluid delivery outlet are in diverging relation.

No. of Pages: 58 No. of Claims: 15

(21) Application No.5651/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: DISPOSABLE WEARING ARTICLE

(51) International

:A61F13/15,A61F13/49,A61F13/72

classification

(31) Priority Document No :2010-003414 (32) Priority Date :08/01/2010

(33) Name of priority country: Japan

(86) International Application

:PCT/JP2011/050062 :05/01/2011

Filing Date (87) International Publication

No

:WO 2011/083806 A1

(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)UNICHARM CORPORATION

Address of Applicant: 182. SHIMOBUN, KINSEI-CHO.

SHIKOKUCHUO-SHI, EHIME, 7990111 Japan

(72)Name of Inventor:

1)SASAYAMA, KENICHI 2)ICHIKAWA, MAKOTO 3)YAMAMOTO, HIROKI

4)UKEGAWA, KAZUO 5)NINOMIYA, AKIHIDE

(57) Abstract:

Provided is a disposable wearing article improved so that the tensile stress in the middle of the crotch region as well as in the vicinity thereof can be set to be higher than in the other regions without adjusting the number and thickness of the leg elastic elements and a relatively large body waist retaining space can be formed to protect the wearers skin from being soiled with body waste. A crotch region 15 is provided in both lateral portions thereof with a plurality of leg elastic elements 50, 51 extending in a longitudinal direction Y wherein the respective outermost elastic elements 51 are laid so as to define concave curves in a middle zone of the crotch region 15 and in the vicinity thereof.

No. of Pages: 41 No. of Claims: 8

(21) Application No.5620/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYAMIDE COMPOUND

(51) International classification	:C08G69/36	(71)Name of Applicant:
(31) Priority Document No	:2009-298756	1)MITSUBISHI GAS CHEMICAL COMPANY, INC.
(32) Priority Date	:28/12/2009	Address of Applicant :5-2, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8324 Japan
(86) International Application No	:PCT/JP2010/073371	(72)Name of Inventor:
Filing Date	:24/12/2010	1)ODA, TAKAFUMI
(87) International Publication No	:WO 2011/081099	2)OTAKI, RYOJI
(87) International Fublication No	A1	3)ARAKAWA, SHOTA
(61) Patent of Addition to Application	:NA	4)MASUDA, TSUNEAKI
Number	:NA	5)MATSUSHITA, HIROYUKI
Filing Date	.11/1	6)HASEMI, RYUJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A polyamide compound containing: from 25 to 50 mol% of a diamine unit, which contains an aromatic diamine unit represented by the following formula (I), in an amount of 50 mol % or more; from 25 to 50 mol% of a dicarboxylic acid unit, which contains a linear aliphatic dicarboxylic acid unit represented by the following formula (II-1) and/or an aromatic dicaiboxylic acid unit represented by the following formula (11-2), in an amount in total of 50 mol% or more; and from 0.1 to 50 mol% of a constitutional unit represented by the following formula (III): wherein n represents an integer of from 2 to 18, Ar represents an arylene group, and R represents a substituted or unsubstituted alkyl group or a substituted or unsubstituted aryl group.

No. of Pages: 90 No. of Claims: 9

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMMUNICATIONS SYSTEM, AND METHOD OF CREATING TOPOLOGY INFORMATION

(51) International classification	:H04L12/24,H04L12/56	(71)Name of Applicant:
(31) Priority Document No	:2009-298853	1)NEC CORPORATION
(32) Priority Date	:28/12/2009	Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 108-8001 Japan
(86) International Application No	:PCT/JP2010/006878	(72)Name of Inventor:
Filing Date	:25/11/2010	1)KOIDE, TOSHIO
(87) International Publication No	:WO 2011/080871 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a communication system that includes a plurality of packet transfer units and a control unit which controls each packet transfer unit, in the communication system of which, a communications network used for each packet transfer unit to transfer packets, and a communications network used for the control unit to control each packet transfer unit can be integrated into one kind. The control unit transmits a reply request to each packet transfer unit. The packet transfer unit, upon receiving the reply request, transmits the reply request from a port other than that through which the packet transfer unit has received the reply request. Upon receiving the reply request, the packet transfer unit also returns a reply including information on ports of the local packet transfer unit, the reply being transmitted through a path for the control unit. On the basis of the reply transmitted from each packet transfer unit, the control unit creates topology information, the topology information including port interconnection information relative to ports provided at the control unit and each port of the packet transfer units.

No. of Pages: 118 No. of Claims: 10

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN L-CYSTEINE-PRODUCING BACTERIUM AND A METHOD FOR PRODUCING L-CYSTEINE

(51) International classification(31) Priority Document No(32) Priority Date	1:C12N1/21,C12N15/09,C12P13/12 :2009-272358 :30/11/2009	(71)Name of Applicant: 1)AJINOMOTO CO., INC. Address of Applicant: 15-1, KYOBASHI 1-CHOME, CHUO-
(33) Name of priority country		KU, TOKYO 104-8315 Japan
(86) International Application No Filing Date	:PCT/JP2010/071102 :26/11/2010	(72)Name of Inventor: 1)NONAKA, GEN
(87) International Publication No	:WO 2011/065469 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There are provided an L-cysteine-producing bacterium, and a method for producing L-cysteine etc. using the bacterium by developing a novel technique for improving L-cysteine-producing ability of a bacterium. By culturing a bacterium belonging to the family Enterobacteriaceae, which has L-cysteine-producing ability and is modified so that activity of a protein encoded by the yciW gene, for example, a protein defined by the following (A) or (B), is reduced, in a medium, and collecting L-cysteine, L-cystine, a derivative thereof, or a mixture thereof frcni rhe medium, these compounds are produced: (A) a protein comprising the amino acid sequence shown in SEQ ID NO: 2, (B) a protein comprising the amino acid sequence shown in SEQ ID NO: 2, but which includes substitution, deletion, insertion, or addition of one or several amino acid residues, reduction of which activity in the bacterium results in improvement in the L-cysteine-producing ability.

No. of Pages: 46 No. of Claims: 9

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF PRODUCING POLARIZING FILM

(51) International classification :G02B5/30,B29C55/02,G02F1/1335

(31) Priority Document No :2010-280579 (32) Priority Date :16/12/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077468

No :29/11/2011

Filing Date

(87) International Publication : NA

No (61) Patent of Addition to

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

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)NITTO DENKO CORPORATION

(21) Application No.5625/CHENP/2012 A

Address of Applicant :1-1-2, SHIMOHOZUMI, IBARAKI-

SHI, OSAKA 567-8680 Japan (72)**Name of Inventor:**

1)GOTO, SHUSAKU 2)SAWADA, HIROAKI

3)KITAGAWA, TAKEHARU 4)MIYATAKE, MINORU

(57) Abstract:

(19) INDIA

The present invention provides a method of producing a polarizing film having excellent optical characteristics. The method of producing a polarizing film of the present invention includes: forming a polyvinyl alcohol-based resin layer 12 on a thermoplastic resin substrate 11 to produce a laminate 10; dyeing the polyvinyl alcohol-based resin layer 12 of the laminate 10 with iodine; stretching the laminate 10; and covering, after the dyeing and the stretching, a surface of the polyvinyl alcohol-based resin layer 12 of the laminate 10 with a cover film having a moisture permeability of 100 g/m2. 24 h or less, followed by heating of the laminate 10 under the state.

No. of Pages: 61 No. of Claims: 11

(21) Application No.5614/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARATION OF (Z)-CYANOALKENYLCYCLOPROPANECARBOXYLIC ACID **COMPOUNDS**

(51) International classification :C07C253/30,C07C255/31 (71)Name of Applicant : (31) Priority Document No :2009-274313 (32) Priority Date :02/12/2009 (33) Name of priority country :Japan (86) International Application No :PCT/JP2010/071951

Filing Date :01/12/2010

(87) International Publication No :WO 2011/068244 A1

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

1)SUMITOMO CHEMICAL COMPANY, LIMITED

Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO-

KU, TOKYO 104-8260 Japan

(72)Name of Inventor: 1)SOMYO, TOSHIO 2)UEKAWA, TORU 3)MORI, TATSUYA

(57) Abstract:

A method for producing a (Z)-cyanoalkenyl-cyclopropanecarboxylic acid compound, which includes the step of isomerizing an (E)cyanoalkenyl-cyclopropanecarboxylic acid compound (1) into a (Z)-cyanoalkenyl-cyclopropanecarboxylic acid compound (2) in the presence of at least one isomerizing catalyst selected from the group consisting of bromine, hydrogen bromide, brominated carboxylic acids, brominated phosphorus compounds, N-brominated imide compounds, N-brominated amide compounds, brominated alkylsilane compounds, thionyl bromide, brominated boron compounds, brominated aluminum compounds, thiol compounds, disulfide compounds, thiocarboxylic acid compounds, nitric acid and nitrate salts; wherein R1 and R2 represent, R4- represents an alkyl group which may have a substituent, or a halogen atom, and R3 represents a hydrogen atom, an alkyl group which may have a substituent, or a benzyl group which may have a substituent.

No. of Pages: 55 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :27/06/2012

(21) Application No.5615/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING PHOSPHORIC ACID

(51) International classification	:C01B25/231	(71)Name of Applicant:
(31) Priority Document No	:BE 2009/0740	1)PRAYON TECHNOLOGIES
(32) Priority Date	:02/12/2009	Address of Applicant :RUE JOSEPH WAUTERS 144, B-4480
(33) Name of priority country	:Belgium	ENGIS Belgium
(86) International Application No	:PCT/EP2010/068709	(72)Name of Inventor:
Filing Date	:02/12/2010	1)HOXHA, ANTOINE
(87) International Publication No	:WO 2011/067321	2)FATI, DORINA
(67) International Laboration No	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method the producing phosphoric acid, including: attacking phosphate rock by means of sulfuric acid between 70° and 90° C with formation of a first calcium sulfate dihydrate crystal slurry, the aqueous acid phase of said slurry having free P2O5 content between 38 and 50 wt% and free SO3 content that is less than 0.5 wt% and greater than 0.05 wt%; converting said first slurry by means of heating at a temperature greater than 90 C, thus giving rise to a second slurry formed of calcium sulfate hemihydrate crystals; and, within the second slurry, separating a produced phosphoric acid, having a free SC3 content that is less than 2%, and a calcium sulfate hemihydrate filter cake.

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

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SUPPORT FOR PLANOGRAPHIC PRINTING PLATE, METHOD FOR PRODUCING SUPPORT FOR PLANOGRAPHIC PRINTING PLATE, AND PLANOGRAPHIC PRINTING ORIGINAL PLATE

(51) International classification :B41N1/08,B41N3/03,G03F7/00 (71)Name of Applicant:

(31) Priority Document No :2009-297665

(32) Priority Date :28/12/2009 (33) Name of priority country :Japan

(86) International Application No: PCT/JP2010/073115

Filing Date :22/12/2010 (87) International Publication No :WO 2011/081064 A1

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)FUJIFILM CORPORATION

Address of Applicant :26-30, NISHIAZABU 2-CHOME,

MINATO-KU, TOKYO Japan

(72)Name of Inventor:

1)KUROKAWA, SHINYA 2)TAGAWA, YOSHIHARU 3)SAWADA, HIROKAZU 4) UESUGI, AKIO

(57) Abstract:

Provided is a lithographic printing plate support that has excellent scratch resistance and is capable of obtaining a presensitized plate which exhibits excellent on-press developability and enables a lithographic printing plate formed therefrom to have a long press life and excellent deinking ability after suspended printing. The lithographic printing plate support includes an aluminum plate, and an aluminum anodized film formed thereon and having micropores which extend in a depth direction of the anodized film from a surface of the anodized film opposite from the aluminum plate. Each micropore has a large-diameter portion which extends to a depth of 5 to 60 nm (depth A) from the anodized film surface, and a small-diameter portion which communicates with the bottom of the largediameter portion, further extends to a depth of 900 to 2,000 nm from the communication position and has a predetermined average diameter.

No. of Pages: 83 No. of Claims: 10

(21) Application No.5617/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : INTEGRATED CONTROL SYSTEM FOR FACILITIES USING A LOCAL AREA DATA COLLECTING AND RECORDING DEVICE

(51) International :G08C19/00,G08C17/02,H04N7/18 classification

(31) Priority Document No :10-2010-0002903

(32) Priority Date :12/01/2010

(33) Name of priority country: Republic of Korea (86) International Application

No :PCT/KR2011/000223

Filing Date :12/01/2011

(87) International Publication :WO 2011/087278 A3

(61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:
1)POWERTECH CO., LTD.

Address of Applicant :717, MASANVALLEY INDUSTRY FOUNDATION, #1121-9, JUNG-RI, NAESEO-EUP,

MASANHOEWON-GU, CHANGWON-SI, GYEONGNAM-630-

857 Republic of Korea (72)Name of Inventor: 1)PARK, HONG-DAE

(57) Abstract:

The present invention relates to an integrated control system for facilities using a local area data collecting and recording device. The present invention comprises: a CCTV/Web-Camera for taking moving images; a still camera for taking pictures; a data collection (DAQ) unit for collecting abnormal sounds; a hard disk for converting and synthesizing data signals into digital signals, and then storing the digital signals in a compressed file; a local data collecting and recording device; a wired and wireless communication network; a communication converter for conversion to a standard protocol; a distance central/local monitoring center server for performing monitoring; first and second monitors for observation; an analysis system for the precise analysis of an accident site; and an information provider for providing information to a local on-site worker, a manager and a department or agency concerned.

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AN ASSAY FOR MEASURING CELL-MEDIATED IMMUNORESPONSIVENESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01N33/53 :61/289,880 :23/12/2009 :U.S.A. :PCT/AU2010/001717 :21/12/2010 :WO 2011/075773 A1	(71)Name of Applicant: 1)CELLESTIS LIMITED Address of Applicant: LEVEL 1, OFFICE TOWER 2, CHADSTONE CENTRE, 1341 DANDENONG ROAD CHADSTONE, VICTORIA-3148 Australia (72)Name of Inventor: 1)BOYLE, JEFF
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)DE LAS HERAS, RACHEL

(57) Abstract:

The present invention relates generally to the field of immunological-based diagnostic assays. More particularly, the present invention contemplates a method for measuring cell-mediated immune responsiveness. The present invention further enables determination of the immunosuppressive effects of disease conditions, therapeutic agents and environmental contaminants. The assay of the present invention is also capable of integration into pathology architecture to provide a diagnostic reporting system and to facilitate point of care clinical management.

No. of Pages: 74 No. of Claims: 35

(21) Application No.5590/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

:NA

(54) Title of the invention: METHOD FOR PRODUCING 5-(AMINOMETHYL)-2-CHLOROTHIAZOLE

(51) International classification :C07D277/20,C07D277/32 (71)Name of Applicant : (31) Priority Document No 1)SUMITOMO CHEMICAL COMPANY, LIMITED :2009-271482 (32) Priority Date Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO-:30/11/2009 (33) Name of priority country KU, TOKYO 104-8260 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2010/071766 1)YAMAGATA, KAZUYUKI Filing Date :29/11/2010 (87) International Publication No :WO 2011/065590 A1 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A method for producing 5-(aminomethyl)-2-chlorothiazole, which comprises the step of mixing a compound represented by formula (2): a mineral acid and a nitrite salt together.

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WARMING DEVICE CONSTRUCTIONS WITH A PONCHO-TYPE PATIENT GOWN

(51) International classification	:A61F7/00	(71)Name of Applicant :
(31) Priority Document No	:12/653,825	1)ARIZANT HEALTHCARE INC.
(32) Priority Date	:21/12/2009	Address of Applicant :10393 WEST 70TH STREET, EDEN
(33) Name of priority country	:U.S.A.	PRAIRIE-MN 55344 U.S.A.
(86) International Application No	:PCT/US2010/003051	(72)Name of Inventor:
Filing Date	:24/11/2010	1)ANDERSON, THOMAS, P.
(87) International Publication No	:WO 2011/084123 A1	2)BALTHAZOR, JARED, J.
(61) Patent of Addition to Application	:NA	3)KENNEDY, PAUL, T.
Number	:NA	4)MCGREGOR. ANDREW, J.
Filing Date	.INA	5)MILLER, CHRISTOPHER, A.
(62) Divisional to Application Number	:NA	6)POPPEN, MARK, A.
Filing Date	:NA	

(57) Abstract:

A warming device includes a poncho-type patient gown having a major body portion with inside and outside surfaces, a central panel in the major body portion, opposing sleeve portions in the central panel, and a head opening in the central panel, between the sleeve portions. An inflatable convective warming apparatus is supported on a surface of the patient gown, extending from a lower edge of the patient gown at least to the head opening.

No. of Pages: 37 No. of Claims: 28

(21) Application No.5596/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: CATALYSTS FOR TREATING TRANSIENT NOX EMISSIONS

(51) International classification:B01J29/80,B01D53/94,B01J29/00 (71)Name of Applicant:

(31) Priority Document No :0920927.1 (32) Priority Date :30/11/2009

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

(86) International Application :PCT/IB2010/003186

:30/11/2010 Filing Date

(87) International Publication :WO 2011/064666 A3

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1) JOHNSON MATTHEY PUBLIC LIMITED COMPANY

Address of Applicant: 5TH FLOOR, 25 FARRINGDON

STREET, LONDON EC4A 4AB U.K.

(72)Name of Inventor:

1)CHANDLER, GUY RICHARD

2)GREEN, ALEXANDER NICHOLAS MICHAEL

3)MELVILLE, JOANNE ELIZABETH 4) PHILLIPS, PAUL RICHARD

5)REID, STUART DAVID

(57) Abstract:

A heterogeneous catalyst article having at least one combination of a first molecular sieve having a medium pore, large pore, or mesopore crystal structure and optionally containing a first metal, and a second molecular sieve having a small pore crystal structure and optionally containing a second metal, and a monolith substrate onto or within which said catalytic component is incorporated, wherein the combination of the first and second molecular sieves is a blend, a plurality of layers, and/or a plurality of zones.

No. of Pages: 44 No. of Claims: 18

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HOT ROLLING MILL AND METHOD FOR HOT ROLLING A METAL STRIP OR SHEET

(51) International classification :C21D8/02,B21B37/74,C21D11/00

(31) Priority Document No :10 2009 057 524.3 (32) Priority Date :02/12/2009 (33) Name of priority country :Germany

(86) International Application :PCT/EP2010/068691

Filing Date :02/12/2010

(87) International Publication :WO 2011/067315 A1

(61) Patent of Addition to

Application Number
Filing Date

(22) Principle of Addition to SNA
SNA
SNA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant : 1)SMS SIEMAG AG

Address of Applicant :EDUARD-SCHLOEMANN-STRASSE

4, 40237 DUSSELDORF Germany

(72)Name of Inventor:

1)KLINKENBERG, CHRISTIAN

2)BILGEN, CHRISTIAN 3)ROSENTHAL, DIETER 4)KLEIN, CHRISTOPH

(57) Abstract:

The invention relates to a method for hot rolling a metal strip (1) or metal sheet, particularly a steel strip or steel sheet, wherein 1.a) the slab or the strip or sheet (1) is subjected in a first step la to one or more reshaping actions in a hot rolling mill (2) for producing a uniform, fine, recrystallised austenite structure and 2) the slab or the strip or sheet (1) is then subjected in a second step to cooling for producing a fine-grain structure, characterised in that the slab or the strip or sheet (1) is subjected to heating between at least two roll stands (3, 4, 5, 6) of the hot rolling mill (2) during performance of the step a). Moreover, the invention relates to a hot rolling mill (2) for hot rolling a metal strip or metal sheet (1), particularly a steel strip or steel sheet, wherein the hot rolling mill (2) comprises at least two roll stand (3, 4, 5, 6, 7), which are arranged to follow one another in rolling direction (W) and in each of which the slab or the strip or sheet (1) can be subjected to a reshaping action, particularly for performance of the method according to the invention, characterised in that heating means (8, 9, 10) for heating the rolling stock is arranged between at least two of the at least two roll stands (3, 4, 5, 6).

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

(21) Application No.3938/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NON-AQUEOUS PIGMENT DISPERSIONS USING DISPERSION SYNERGISTS

(51) International classification	:C09B67/00,C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:09174936.6	1)AGFA-GEVAERT
(32) Priority Date	:03/11/2009	Address of Applicant :SEPTESTRAAT 27, B-2640
(33) Name of priority country	:EPO	MORTSEL Belgium
(86) International Application No	:PCT/EP2010/065711	(72)Name of Inventor:
Filing Date	:19/10/2010	1)DEROOVER, GEERT
(87) International Publication No	:WO 2011/054663 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Non-aqueous pigment dispersions exhibiting improved dispersion quality and/or stability were prepared for a specific selection of quinacridone pigments, diketopyrrolo-pyrrole pigments and azo pigments by using specific naphthol AS dispersion synergists. The non-aqueous pigment dispersions can be advantageously used in inkjet inks inkjet printing methods.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BRAKE DISC HAVING REDUCED NOISE

(51) International classification	:F16D65/12,B62L1/00	(71)Name of Applicant:
(31) Priority Document No	:2009-242607	1)SUNSTAR ENGINEERING INC.
(32) Priority Date	:21/10/2009	Address of Applicant :3-1, ASAHIMACHI, TAKATUSKI-
(33) Name of priority country	:Japan	SHI, OSAKA 569-1195 Japan
(86) International Application No	:PCT/JP2010/068605	(72)Name of Inventor:
Filing Date	:21/10/2010	1)NAKATSUJI, TSUYOSHI
(87) International Publication No	:WO2011/049172 A1	2)METSUGI, FUMIHIKO
(61) Patent of Addition to Application	:NA	3)SHINAGAWA, YOSHINORI
Number	:NA	4)KANETSUNA,MASARU
Filing Date	.11/1	5)KUBOTA, SATOSHI
(62) Divisional to Application Number	:NA	6)QUEK, KWANG PENG
Filing Date	:NA	

(57) Abstract:

A brake disc having reduced noise, configured in such a manner that the generation of noise, such as brake noise, in braking operation is effectively prevented using a simple structure. A brake disc (20) for two-wheeled motor vehicle, provided with a mounting section (12) which is mounted to a wheel, a slide section (11) which slides against a brake pad, a connection section (13) which connects the mounting section (12) and the slide section (11), and weight reducing holes (16) for weight reduction. A slit (21) is formed in the slide section (11). The ratio (LAV) of the length (L) of the slit (21) in the radial direction to the width (W) of the slide section (11) is set in the range of 50-95%, and preferably in the range of 60-90%. The width of the slit (21) is set to 2 mm or less.

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

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.4030/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: HYDRAULIC CONTROLLER

:NA

:NA

(51) International classification	:F15B11/02,F15B21/14	(71)Name of Applicant:
(31) Priority Document No	:2009-257452	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(32) Priority Date	:10/11/2009	Address of Applicant :1-1, HIGASHIKA WASAKI-CHO 3-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, KOBE-SHI,HYOGO 650-8670 Japan
(86) International Application No	:PCT/JP2010/004401	(72)Name of Inventor:
Filing Date	:06/07/2010	1)OHTSUKA, SHUHEI
(87) International Publication No	:WO 2011/058681 A1	2)KUNISHIRO, TAKAAKI
(61) Patent of Addition to Applicatio	n :NA	3)YOSHIMURA, TOMOHISA
Number	:NA	4)SOTANI, YASUSHI
Filing Date	.11/1	

(57) Abstract:

Filing Date

A hydraulic controller (2) according to the present invention includes: an accumulator (70) connected to a main oil passage (301b); a pressure storage use oil passage (701) which branches off from the main oil passage (301b) and leads to the accumulator (70); an inlet port (361); a priority port (362); and a bypass port (363). The inlet port (361) and the priority port (362) are disposed on the pressure storage use oil passage (701). The bypass port (363) is connected to a main oil passage (301c). The hydraulic controller (2) includes a priority valve (36) configured such that, at the time of storing pressure in the accumulator (70), of pressure oil that flows into the inlet port (361), the pressure oil at a flow rate for storing of pressure in the accumulator (70), which is a preset flow rate, flows out of the priority port (362), and the pressure oil at a surplus flow rate, which is a flow rate obtained by subtracting the flow rate for storing of pressure from the flow rate of the pressure oil flowing into the input port (361), flows out of the bypass port (363).

No. of Pages: 36 No. of Claims: 5

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.5691/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention : IDENTIFICATION OF POLYMORPHIC SEQUENCES IN MIXURES OF GENOMIC DNA BY WHOLE GENOME SEQUENCING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12Q1/68 :61/296,358 :19/01/2010 :U.S.A. :PCT/US2011/021729 :19/01/2011 :WO 2011/091046 A1 :NA :NA :NA	(71)Name of Applicant: 1)VERINATA HEALTH, INC. Address of Applicant:800 SAGINAW DRIVE, REDWOOD CITY, CA 94063 U.S.A. (72)Name of Inventor: 1)RAVA, RICHARD, P.
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(57) Abstract:

The present invention relates to methods comprising whole genome sequencing for identifying polymorphisms in samples comprising mixtures of genomes, and for determining and/or monitoring the presence or absence of disorders associated with the identified polymorphisms.

No. of Pages: 108 No. of Claims: 30

(21) Application No.5692/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MEDICAL DEVICE FOR SHORT TIME USE WITH QUICKLY RELEASABLE ANTIBACTERIAL **AGENT**

(51) International :A61L29/08,A61L31/14,A61L31/16 classification

(31) Priority Document No :09180019.3 :18/12/2009 (32) Priority Date

(33) Name of priority country: EPO

(86) International Application :PCT/EP2010/070105

No :17/12/2010 Filing Date

(87) International Publication :WO 2011/073403 A1

(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)ASTRA TECH AB

Address of Applicant: AMINOGATAN 1, S-431 21

MOLNDAL Sweden (72)Name of Inventor:

1) WEDLIN, CHARLOTTE 2)WESTMAN, EVA-HELENA 3)LUNDAHL, JOHAN

(57) Abstract:

A method is disclosed for providing a medical device with antibacterial activity, comprising the steps of: providing a substrate material coated with a hydrophilic polymer, said hydrophilic polymer exhibiting a low friction when wetted; providing a colloidal solution comprising chemically reduced particles of an oligodynamic metal and a hydrophilic polymer, said hydrophilic polymer being the same as in the coating of the substrate material; and dipping said substrate material in the solution. A medical device prepared accordingly is also disclosed. By means of this method, very advantageous properties of the antibacterial coating are obtained. In particular, a relatively low release rate is obtained in the wetting fluid, and a relatively high release rate is obtained in the intended use situation, e.g. when inserted into the urethra.

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

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PHACOEMULSIFICATION HAND PIECE WITH INTEGRATED ASPIRATION PUMP AND CARTRIDGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M5/142 :12/637,886 :15/12/2009 :U.S.A. :PCT/US2010/059032 :06/12/2010 :WO 2011/075332 A1 :NA :NA	(71)Name of Applicant: 1)ALCON RESEARCH, LTD. Address of Applicant:6201 SOUTH FREEWAY, TB4-8, FORT WORTH, TEXAS 76134 U.S.A. (72)Name of Inventor: 1)SORENSEN, GARY P. 2)SUSSMAN, GLENN ROBERT 3)HOOD, LARRY L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An ophthalmic surgical hand piece comprises a driver coupled to a horn. The horn is coupled to a needle. An aspi-ration pump is integral with the hand piece and is located close to the needle. The aspiration pump comprises a motor coupled to a shaft. A removable cartridge comprises a length of flexible tubing held by a tubing holder. The length of flexible tubing is located between the shaft and the tubing holder. The removable cartridge comprises a section of an aspiration line.

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLUX COMPOSITION FOR LEAD-FREE SOLDER AND LEAD-FREE SOLDER PASTE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B23K35/363 :2010-002563 :08/01/2010 :Japan :PCT/JP2011/050139 :07/01/2011 :WO 2011/083831 A1 :NA :NA	(71)Name of Applicant: 1)ARAKAWA CHEMICAL INDUSTRIES, LTD. Address of Applicant: 3-7, HIRANOMACHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 5410046 Japan (72)Name of Inventor: 1)IWAMURA, EIJI 2)KUBO, NATSUKI 3)NAGASAKA, SHINSUKE
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

The present invention relates to a flux composition for a lead-free solder, the composition having a bromine or chlorine content ranging from 500 to 30000 ppm relative to the total amount of the flux composition, and comprising 1 to 10% by weight of a carbon-carbon double bond compound having a particular structure relative to the total amount of the flux composition, preferably the carbon-carbon double bond compound being one or more kinds of compounds selected from the group consisting of 2-butene-l,4-diol, 2-heptene-l-ol, and 5-hexene-l-ol.

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: NOVEL FLULING CONTROL COATING COMPOSITIONS

(51) International :C09D5/16,C09D183/04,C09D7/12 classification

(31) Priority Document No :09180360.1

:22/12/2009 (32) Priority Date (33) Name of priority country: EPO

(86) International Application :PCT/EP2010/070509

:22/12/2010 Filing Date

(87) International Publication :WO 2011/076856 A1

No

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

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

(71)Name of Applicant:

1)HEMPEL A/S

Address of Applicant :LUNDTOFTEVEJ 150, DK-2800

LYNGBY Denmark (72)Name of Inventor:

1)THORLAKSEN, PETER CHRISTIAN WEINRICH

2)BLOM, ANDERS 3)BORK, ULRIK

(57) Abstract:

The present application discloses a fouling control coating composition comprising a polysiloxane-based binder system, 0.01-20 % by dry weight of one or more hydrophilic-modified polysiloxanes, and one or more biocides. The hydrophilic-modified polysiloxane may be a poly(oxyalkylerie)-modified polysiloxane, e.g. a polysiioxane having grafted thereto poly(oxyalkylene) chains and/or having incorporated in the backbone thereof poly(oxyalkylene) chains. The poly(oxyalkylene) may e.g. be selected from polyoxyethylene, polyoxypropylene and poly(oxyethylene-co-oxypropylene) (polyethylene glycols/polypropylene glycols). The application further discloses a marine structure comprising on at least a part of the outer sur-face thereof an outermost coating prepared from the coating composition. Moreover, the application discloses the use of the com-bination of non-reactive hydrophilic-modified polysiloxanes and biocides, wherein the weight ratio between the hydrophilic-modified polysiloxanes and the biocides is in the range 1:0.2 to 1:6, for improving the antifouling properties of a polysiloxane based coating composition.

No. of Pages: 34 No. of Claims: 15

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ORGANIC WASTEWATER TREATMENT DEVICE AND ORGANIC WASTEWATER TREATMENT METHOD

(51) International classification :C02F3/12,C02F1/44,C02F3/34 (71)Name of Applicant : (31) Priority Document No :2009-270917 1)KUBOTA CORPORATION (32) Priority Date Address of Applicant :2-47, SHIKITSU-HIGASHI 1-:30/11/2009 (33) Name of priority country CHOME, NANIWA-KU, OSAKA-SHI, OSAKA 556-8601 Japan :Japan (86) International Application No :PCT/JP2010/071215 (72)Name of Inventor: 1)YATSUGI, SOICHIRO Filing Date :29/11/2010 (87) International Publication No :WO 2011/065520 A1 2)YANASE, HITOSHI (61) Patent of Addition to 3)KITAGAWA, YOSHIO :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An organic wastewater treatment apparatus comprises a biological treatment tank (3) provided with an whole floor aeration section (49) in which a first aerator (52) is disposed so as to perform whole floor aeration, a solid-liquid separation section (51) formed above the whole floor aeration section (49) and provided with a membrane separation device (55) immersed in activated sludge, and a flow path narrowing section (50) formed between the whole floor aeration section (49) and the solid-liquid separation section (51) so as to vertically separate the both sections (49, 51), wherein the flow path narrowing section (50) includes a flow path narrowing device (59) configured to narrow a cross-sectional area of the flow path from the whole floor aeration section (49) to the solid-liquid separation section (51) so as to combine fine air bubbles (53) discharged from the first aeration device (52) to each other and discharge the combined bubbles to an area below the membrane separation device (55).

No. of Pages: 65 No. of Claims: 12

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PRODUCING 2-CHLORO-3-TRIFLUOROMETHYLPYRIDINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/12/2010 :WO 2011/078296 A1 :NA :NA	(71)Name of Applicant: 1)ISHIHARA SANGYO KAISHA, LTD. Address of Applicant: 3-15, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 550-0002 Japan (72)Name of Inventor: 1)FUMIHIRO FUKUI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides processes for producing 2-chloro-3-trifluoromethylpyridine which is useful as an intermediate for medicines and agrochemicals, at a high production rate in a high yield. Specifically, the present invention relates to a process for producing 2-chloro-3-trifluoromethylpyridine or a salt thereof comprising allowing 3-trifluoromethylpyridine N-oxide to react with a chlorinating agent; and also relates to a process for producing 2-chloro-3-trifluoromethylpyridine or a salt thereof comprising oxidizing 3-trifluoromethylpyridine to produce 3-trifluoromethylpyridine N-oxide and subsequently allowing the obtained 3-trifluoromethylpyridine N-oxide to react with a chlorinating agent.

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

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PREPARING (METH) ACRYLATES OF C 17-ALCOHOL MIXTURES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International	:C07C67/08,C07C69/54,C08F220/12 :10 2009 047 228.2 :27/11/2009 :Germany :PCT/EP2010/067986 :23/11/2010	(71)Name of Applicant: 1)BASF SE Address of Applicant: 67056, LUDWIGSHAFEN Germany (72)Name of Inventor: 1)BETTE, VIRGINIE 2)PETZOLDT, JOCHEN 3)BREITSCHEIDEL, BORIS
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2011/064190 A1 :NA :NA :NA	

(57) Abstract:

A process for preparing (meth)acrylates of C17-alcohol mixtures by reacting (meth)acrylic acid with a Ci7-alcohol mixture in the presence of at least one acidic catalyst and of at least one polymerization inhibitor and in the presence of a solvent which, with water, forms an azeotrope in which the esterification is performed in a reactor with a circulation evaporator, the azeotrope is distilled off and condensed, and the condensate splits into an aqueous phase and an organic phase, wherein the C17-alcohol mixture has a mean degree of branching (iso index) of 2.8 to 3.7.

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

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.5544/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: KNEADING SEGMENT AND KNEADING EQUIPMENT

(51) International classification	:B29B7/38	(71)Name of Applicant:
(31) Priority Document No	:2009-295056	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE
(32) Priority Date	:25/12/2009	STEEL, LTD.)
(33) Name of priority country	:Japan	Address of Applicant :10-26, WAKINOHAMA-CHO 2-
(86) International Application No	:PCT/JP2010/073053	CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
Filing Date	:21/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/078192	1)NAOKI KIKUCHI
(87) International Publication No	A1	2)HODAKA MIURA
(61) Patent of Addition to Application	:NA	3)KAZUHISA FUKUTANI
Number	:NA	4)SAYAKA YAMADA
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a segment (1) for kneading which kneads materials in a manner such that the portions which were insufficiently kneaded would not remain as gel. The segment (1) for kneading is disposed on a kneading screw (4) which is housed in a rotatable manner in a barrel (3) having an inner cavity, and is provided with a kneading flight (12) which kneads the material supplied into the barrel (3) by rotating in accordance with the rotation of the kneading screw (4). The top surface (15) of the kneading flight (12) is formed with a concaved cutout section (13) which is formed by cutting a portion of the top surface (15) in the axial direction towards the inner diameter. The cutout section (13) is surrounded by two side surfaces (20), which face the axial direction, and a bottom surface (14), which is disposed between the side surfaces (20). The bottom surface (14) of the cutout section (13) is formed in a tilted planar shape in relation to the top surface (15). As a consequence, the opening (18) of the cutout section (13), which faces one side of the rotational direction of the kneading screw (4), has a larger area than the opening (19) which faces the other side.

No. of Pages: 46 No. of Claims: 3

(21) Application No.5712/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHODS OF FACILITATING NEURAL CELL SURVIVAL USING GDNF FAMILY LIGAND (GFL) MIMETICS OR RET SIGNALING PATHWAY ACTIVATORS

(51) International :C07D215/46,C07D219/10,C07D263/57

classification

(31) Priority Document :61/285,858

(32) Priority Date :11/12/2009

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

(86) International

:PCT/EP2010/069535 Application No :13/12/2010

Filing Date

(87) International

:WO 2011/070177 A3 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

:NA Filing Date

(71)Name of Applicant: 1)GENECODE AS

Address of Applicant: AHTRI STREET 8, EE-10151

TALLINN Estonia

(72)Name of Inventor:

1)SAARMA, MART 2)KARELSON, MATI 3)BESPALOV, MAXIM

4)PILV, MEHIS

(57) Abstract:

Disclosed are compounds and methods for treating neurological and other disorders by administering to a subject in need thereof an effective amount of a compound having binding and/or modulation specificity for GFRa receptor molecules, which can be inimetics of glial-derived neurotrophic factor (GDNF) family ligands (GFLs), GFRa/RET signaling pathway ago-nists, and/or direct RET agonists (activators).

No. of Pages: 63 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.5713/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: SUNSHADE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60J3/00 :2010-009894 :20/01/2010 :Japan :PCT/JP2011/050809 :19/01/2011 :WO 2011/090042 A1 :NA :NA	(71)Name of Applicant: 1)ASHIMORI INDUSTRY CO., LTD. Address of Applicant:10-18, KITAHORIE 3-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 5500014 Japan (72)Name of Inventor: 1)OYA TAKEAKI
(62) Divisional to Application Number Filing Date	:NA :NA	
(F7) Alastra et .		

(57) Abstract:

Included are: a sunshade; a stay to which one edge of the sunshade is fixed; a windup shaft to which the other edge of the sunshade is fixed; a first support member supporting one end of the windup shaft to rotate relative thereto and move relative thereto in a longitudinal direction of the windup shaft, and mounted at a predetermined position of a vehicle; a second support member supporting the other end of the windup shaft to rotate relative thereto and move relative thereto in the longitudinal direction of the windup shaft, and mounted at another predetermined position of the vehicle; and a biasing member configured to pivotally bias the windup shaft against the second support member. The windup shaft includes a restricted portion at the other end thereof, and the second support member includes a rotation restricting portion and a rotation releasing portion formed to be adjacent to each other, the rotation restricting portion restricting the operation of the restricted portion so as not to allow the rotation of the windup shaft relative thereto, the rotation releasing portion releasing the operation of the restricted portion so as to allow the rotation of the windup shaft relative thereto.

No. of Pages: 36 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.5535/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: ARRANGEMENT FOR SEALING A PRESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B01D33/067 :0950906-8 :27/11/2009 :Sweden :PCT/FI2010/050915 :15/11/2010 :WO 2011/064443 A1 :NA	(71)Name of Applicant: 1)ANDRITZ OY Address of Applicant: TAMMASAARENKATU 1, FI-00180 HELSINKI Finland (72)Name of Inventor: 1)NASLUND, FREDRIK
\ /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A sealing arrangement (36) for a press (1) comprises a first sealing ring (54), in which a replaceable first sealing strip (76) is fixed, said first sealing strip (76) being arranged to slide towards the dewatering drum (2) while it rotates, and a second sealing ring (54) arranged at an axial distance from the first sealing ring (52), in which second sealing ring (54) a replaceable second sealing strip (92) is fixed, said second sealing strip being arranged to slide against the dewatering drum (2) while it rotates. Both the first and the second sealing rings (52, 54) are fixed in a common holding device (58) that is located at the first sealing ring (52). The second sealing ring (54) is fixed in the holding device (58) by means of at least one spacer element (102). At least a part (60, 62) of the first sealing ring (52) is detachable from the holding device (58) for being made to slide along said at least one spacer element (102) in order to allow replacing the first sealing strip (76).

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

(21) Application No.5536/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FASTENING SYSTEM FOR TILTABLE METALLURGICAL VESSELS

(51) International classification(31) Priority Document No	:C21C5/46,F27B3/06 :10 2009 056 219.2	(71)Name of Applicant: 1)SMS SIEMAG AKTIENGESELLSCHAFT
(32) Priority Date	:28/11/2009	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE
(33) Name of priority country	:Germany	4, 40237 DUSSELDORF Germany
(86) International Application No	:PCT/EP2010/068087	(72)Name of Inventor:
Filing Date	:24/11/2010	1)BEST, ROLF
(87) International Publication No	:WO 2011/064233 A3	2)BERENS, MARTINA
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a fastening system for tiltable metallurgical processing vessels, in particular converters, the processing vessel (I) being mounted in a carrier ring (2) connected to the jacket of the processing vessel by means of plate fin elements (11), each plate fin element consisting of a plate fin connected to the carrier ring (2) by means of a sheet metal connector (16) and a first fastening bracket (14) and connected to the jacket of the processing vessel by means of a farther sheet metal connector (17) and a second fastening bracket (15). According to the invention, the sheet metal connector (16, 17) is clamped by a wedge (20) between the flanges (18, 18a and 19, 19a, respectively) of the fastening bracket (14 and 15, respectively) with zero clearance, said bracket in turn abutting a tab (22) welded to the flanges of the fastening bracket and bridging same. The wedge (20) is actively connected to the tab (22) by means of a bolted connection (21).

No. of Pages: 14 No. of Claims: 3

(21) Application No.5538/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A PACKAGED FOOD PRODUCT AND A PROCESS FOR ITS PRODUCTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A23L1/164,A23G1/54,A23G3/54 :TO2009A000931 :27/11/2009 :Italy	(71)Name of Applicant: 1)SOREMARTEC S.A. Address of Applicant: RUE JOSEPH NETZER 5, ARLON-B-6700 Belgium
(86) International Application No Filing Date (87) International Publication	:PCT/IB2010/055447 :26/11/2010	(72)Name of Inventor : 1)SCAVINO, MARIO
No (61) Patent of Addition to Application Number Filing Date	:WO 2011/064747 A1 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A packaged food product comprising a tray (2) containing an edible composition having a layered structure, comprising: at least one composite layer (24) comprising puffed cereal grains (G) embedded in a matrix of edible material (22); and at least one edible coating layer (26) deposited on said composite layer (24) and preferably including chocolate. The matrix of edible material (22) has, in a temperature range of between 20°C and 40°C, and preferably also in the range of from 0°C to 40°C, a pasty consistency such as to maintain its own shape in unconfined conditions.

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GRAPHITE-CONTAINING MOULDED BODY AND METHOD FOR THE PRODUCTION THEREOF

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:C04B35/536,C01B31/04,C04B35/52 :10 2009 055 441.6 :31/12/2009 :Germany :PCT/EP2010/070976 :31/12/2010 :WO 2011/080336 A2 :NA :NA	(71)Name of Applicant: 1)SGL CARBON SE Address of Applicant:RHEINGAUSTRASSE 182, 65203 WIESBADEN Germany (72)Name of Inventor: 1)OTTINGER, OSWIN 2)SCHMITT, RAINER 3)BACHER, JURGEN 4)MECHEN, SYLVIA 5)HUDLER, BASTIAN
Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a graphite-containing moulded body which can be obtained by a method in which graphite particles are mixed with at least one solid additive to form a mixture which comprises at least one inorganic additive, a mixture consisting of an inorganic additive and an organic additive or more than wt.% of an organic additive and the thus obtained mixture is subsequently compressed. Said at least one additive which is used comprises particles having an average diameter (d50) of between 1 and 500 urn, determined in accordance with the ISO 13320 standard

No. of Pages: 39 No. of Claims: 19

(21) Application No.5585/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: LIGHT EMITTING MODULE, SURFACE LIGHT SOURCE, LIQUID CRYSTAL DISPLAY, AND ILLUMINATING DEVICE

(51) International

:F21S2/00,F21V19/00,G02F1/13357 classification

(31) Priority Document No :2009-272277 (32) Priority Date :30/11/2009

(33) Name of priority country: Japan

(86) International :PCT/JP2010/070170 Application No

:12/11/2010 Filing Date

(87) International Publication :WO 2011/065238 A1

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

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

(71)Name of Applicant:

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor: 1)HINENO, MITSURU 2)TATSUMI, MASAKI

(57) Abstract:

The purpose of the present invention is providing a light emitting module capable of emitting illumination light having a nearly uniform color tone as a whole. The invention also provides a surface light source having such light emitting modules, and a liquid crystal display and an illuminating device having such a surface light source. In a light emitting module (50), adjacent dot light sources (17, 17) satisfy the relationships $\Delta X1 + \Delta X2 = \Delta X \times 2$ and $\Delta Y1 + \Delta Y2 = \Delta Y \times 2$, so that the resultant mixed color can fall within a target chromaticity rank area (M), and the center (gc) of a first chromaticity rank area g and the center (Ec) of a second chromaticity rank area (E) are axisymmetric with respect to virtual straight lines (gEl, gE2) that pass through the center (Mc) of the target chromaticity rank area (M) and parallel to one side or another side of the target chromaticity rank area (M).

No. of Pages: 82 No. of Claims: 22

(21) Application No.5586/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ACTIVE MATRIX SUBSTRATE AND DISPLAY DEVICE

(51) International classification: G09F9/30,G02F1/1345,G09G3/20 (71) Name of Applicant:

:09/08/2010

(31) Priority Document No :2009-273526 (32) Priority Date :01/12/2009

(33) Name of priority country :Japan

(86) International Application :PCT/JP2010/063493 No

Filing Date

(87) International Publication :WO 2011/067964 A1

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,

OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor: 1)OGASAWARA, ISAO

2)YOSHIDA, MASAHIRO

(57) Abstract:

The present invention provides an active matrix substrate in which a peripheral can be narrowed or a gap between adjacent wirings increased to improve a yield. The present invention is an active matrix substrate in which a peripheral region is provided outside a display region. In the active matrix substrate, a first, a second, and a third transistor, a floating wiring, a switching wiring, a main wiring, and a branch wiring electrically connected with the main wiring are arranged in the peripheral region. The floating wiring and branch wiring each electrically connect the first and second transistors and comprise an intersecting portion intersecting with the switching wiring, with the third transistor being provided at the intersecting portion. A gate electrode of the third transistor includes the switching wiring, one of a source electrode and a drain electrode thereof includes the branch wiring, and the other of the source electrode and the drain electrode includes the floating wiring.

No. of Pages: 32 No. of Claims: 6

(22) Date of filing of Application :26/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VIBRATORY FLOWMETER FRICTION COMPENSATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)MICRO MOTION, INC. Address of Applicant: 7070 WINCHESTER CIRCLE, BOULDER, COLORADO 80301 U.S.A. (72)Name of Inventor: 1)PANKRATZ, ANTHONY, WILLIAM 2)WEINSTEIN, JOEL
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(57) Abstract:

Meter electronics (20) for vibratory flow meter friction compensation is provided. The meter electronics (20) includes an interface (201) configured to communicate with a flow meter assembly (10) of a vibratory flow meter (5) and receive a vibrational response and a processing system (203) coupled to the interface (201) and configured to measure a mass flow rate of a fluid using the vibrational response. The processing system (203) is configured to determine a fluid velocity (V) using the mass flow rate, a fluid density (p), and a cross-sectional flow area (A), determine a friction factor (\mathcal{E} ') using the fluid velocity (V) and a pressure drop (ΔP), and determine a compensation factor using the friction factor (\mathcal{E} ').

No. of Pages: 25 No. of Claims: 22

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DELINEATOR WITH CONFIGURABLE REFLECTOR

(51) International classification	:E01F9/015,E01F9/011	(71)Name of Applicant:
(31) Priority Document No	:61/291,839	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:31/12/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/061534	(72)Name of Inventor:
Filing Date	:21/12/2010	1)PHILIP, BLESSEN, KORAH
(87) International Publication No	:WO 2011/082030 A2	2)MANIKKAM, SUNDAR, R.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A delineator includes a delineator body, a positioning member, and a reflective sheet. The delineator body and the positioning member include mounting features adapted to mate with each other at a plurality of positions corresponding to different positions of the positioning member on the delineator body. By selecting one of the different positions of the positioning member on the delineator body, the user can select a visibility configuration of the delineator. In some cases the reflective sheet may be bonded to the positioning member, so that the reflective sheet is positioned at a particular place on the delineator and visible to an observer when the positioning member is mounted in the selected position. In other cases the reflective sheet may be bonded to the delineator body, and the positioning member may cover one portion of the reflective sheet and leave another portion of the reflective sheet exposed to an observer.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ALKALI METAL CINNAMATE POWDER AND METHOD FOR PREPARATION

(51) International classification	:C07C57/44,C07C51/41	(71)Name of Applicant:
(31) Priority Document No	:09177870.4	1)PURAC BIOCHEM BV
(32) Priority Date	:03/12/2009	Address of Applicant :ARKELSEDIJK 46, NL-4206 AC
(33) Name of priority country	:EPO	GORINCHEM Netherlands
(86) International Application No	:PCT/EP2010/068726	(72)Name of Inventor:
Filing Date	:02/12/2010	1)ROOZEN, LAMBERTUS HENDICUS ELISABETH
(87) International Publication No	:WO 2011/067330 A1	2)BONTENBAL, ELIZE WILLEM
(61) Patent of Addition to Application	:NA	3)VOGIATZIS, NIKOLAOS
Number	:NA	4)DIERDORP-ANDREAS, BRENDA MARJA
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for the preparation of an alkali metal cinnamate powdery product, preferably potassium cinnamate or sodium cinnamate, and to the resulting product itself with novel structural properties. The powder of the present invention is made via spray-drying and/or spray agglomeration and has a higher flowability, is less cohesive and less dusty, has an improved dissolution rate and in particular has a very favorable organoleptic profile. The invention is also directed to product applications in which the novel cinnamate product of the present invention may be applied.

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

(21) Application No.5733/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: NON-FUSION SCOLIOSIS EXPANDABLE SPINAL ROD

(51) International :A61B17/72,A61B17/02,A61B17/70 classification

(31) Priority Document No :61/265.568 (32) Priority Date :01/12/2009 (33) Name of priority country: U.S.A.

(86) International :PCT/US2010/058528

Application No :01/12/2010

Filing Date

(87) International Publication :WO 2011/068851 A1 No

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

(62) Divisional to Application Number

:NA :NA Filing Date

(71)Name of Applicant: 1)SYNTHES GMBH

Address of Applicant: EIMATTSTRASSE 3, CH-4436

OBERDORF Switzerland (72)Name of Inventor: 1)HUNZIKER, MARKUS

(57) Abstract:

A growing rod for mounting between attachment mechanisms that are secured to anatomical structures of a patient having scoliosis. The growing rod includes a base rod having an attachment end, an extendable rod that is translatable relative to the base rod along a longitudinal axis and a housing enclosing at least a portion of the extendable rod therein. A magnet is rotatably mounted within the housing and is enclosed by a top magnet cover and a bottom magnet cover. The magnet includes a first pole and a second pole. A gear reduction mechanism is associated with the magnet and the extendable rod. The gear reduction mechanism reduces an output rotation to the extendable rod relative to an input rotation from the magnet.

No. of Pages: 53 No. of Claims: 37

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.5735/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: MACROMOLECULE FOR DELIVERING PROTEIN, POLYPEPTIDE OR PEPTIDE DRUGS AND A PRODUCTION METHOD FOR THE SAME, AND A SLOW RELEASE COMPOSITION FOR PROTEIN, POLYPEPTIDE OR PEPTIDE DRUGS AND A PRODUCTION METHOD FOR THE SAME

(51) International classification :C08G63/08,A61K47/34 (31) Priority Document No :10-2009-0132861 (32) Priority Date :29/12/2009 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2010/009421 Filing Date :28/12/2010 (87) International Publication No :WO 2011/081406 A2 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:
1)SAMYANG BIOPHARMACEUTICALS
CORPORATION

Address of Applicant :263, YEONJI-DONG, JONGNO-GU, SEOUL-110-725 Republic of Korea

(72)Name of Inventor:
1)YI, YIL WOONG
2)SEO, MIN HYO
3)KIM, BONG OH
4)CHOI, IN JA
5)YOON, HYE JEONG

6)KIM, SE YOON 7)LEE, SANG JUN 8)CHO, JOONG WOONG

(57) Abstract:

The present invention relates to a macromolecule for delivering protein, polypeptide or peptide drugs and to a production method for the same, as well as to a slow release composition for protein, polypeptide or peptide drugs comprising the same, and more specifically relates to a polylactic acid derivative compound of Chemical formula 1 of which the numerical average molecular weight is no more than 7000 daltons and to a production method for the same, as well as to a slow release composition for protein, polypeptide or peptide drugs using the same and to a production method for the same.

No. of Pages: 53 No. of Claims: 20

(21) Application No.5736/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTIBODY FORMULATION

(51) International :A61K47/18,A61K39/395,A61K47/26

classification

(31) Priority Document No :09180840.2 (32) Priority Date :29/12/2009

(33) Name of priority :EPO

country

(86) International :PCT/EP2010/070625 Application No

:23/12/2010 Filing Date

(87) International

:WO 2011/080209 A3 Publication No

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

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

(71)Name of Applicant:

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant: 124 GRENZACHERSTRASSE, CH-

4070 BASEL Switzerland (72)Name of Inventor: 1)ADLER, MICHAEL 2)GRAUSCHOPE, ULLA

3)MAHLER, HANNS-CHRISTIAN

(57) Abstract:

This invention relates to a pharmaceutical formulation of an antibody against Epidermal Growth Factor Receptor (EGFR), a process for the preparation and uses of the formulation.

No. of Pages: 47 No. of Claims: 20

(21) Application No.5737/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: SELF-CLEANING DELINEATOR

(51) International classification :E01F9/04,E01F9/011,E01F9/015 (71)Name of Applicant:

(31) Priority Document No :61/291,838 (32) Priority Date :31/12/2009 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2010/060935

No :17/12/2010 Filing Date

(87) International Publication :WO 2011/081983 A2

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

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)MANIKKAM, SUNDAR, R. 2)PHILIP, BLESSEN, KORAH

Various self-cleaning delineator embodiments incorporate a delineator design that includes a shell portion, a core disposed inside the shell portion, and a reflective sheet coupled to an outer surface of the core. A wind turbine mounted on or in the delineator energizes a mechanical energy storage device, such as a spring, in response to wind or other air movement. A drive mechanism couples to the storage device and is adapted to use energy from the storage device to provide relative rotational motion between the shell portion and the core. A cleaning material disposed on an inner surface of the shell contacts the reflective sheet such that the relative rotational motion between the shell portion and the first core causes the cleaning material to slide across the reflective sheet to remove debris therefrom. The drive mechanism may include an escapement mechanism to limit the rotational motion to a maximum speed.

No. of Pages: 29 No. of Claims: 18

(21) Application No.5531/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED TECHNIQUES FOR TRANSFECTING PROTOPLASTS

(51) International classification :C12N15/82,C12N15/10,A01H5/00

(31) Priority Document No :61/288,474

(32) Priority Date :21/12/2009(33) Name of priority country :U.S.A.

(86) International Application :PCT/NL2010/050872

No :20/12/2010

Filing Date .20/12/2010

(87) International Publication :WO 2011/078665 A8

No (61) Patent of Addition to NA

Application Number :NA :NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KEYGENE N.V.

Address of Applicant : P.O. BOX 216, NL-6700 AE

WAGENINGEN Netherlands (72)Name of Inventor:

1)BUNDOCK, PAUL

2) FIERENS-ONSTENK, BERNARDA, GERHARDA,

JOHANNA

3)LHUISSIER, FRANCK

(57) Abstract:

The invention relates to a method for the. introduction of one or more molecules of interest in a plant cell protoplast by providing plant cell protoplasts, performing a first transfection of the plant cell protoplast with a composition that is capable of altering the regulation of one or more pathways selected from the group consisting of Mismatch Repair System and Non-Homolo-gous End Joining and/or a composition that is capable of introducing DSBs, performing a second transfection of the plant cell protoplast with one or more molecules of interest such as mutagenic oligonucleotides and allowing the cell wall to form.

No. of Pages: 45 No. of Claims: 26

(21) Application No.5533/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND DEVICE FOR THE WET CHEMICAL TREATMENT OF MATERIAL TO BE TREATED

(51) International classification :H05K3/00,H05K3/18,C23C18/16 (71)Name of Applicant: (31) Priority Document No 1)ATOTECH DEUTSCHLAND GMBH :10 2009 060 676.9 Address of Applicant : ERASMUSSTRASSE 20, 10553 (32) Priority Date :28/12/2009 (33) Name of priority country BERLIN Germany :Germany (86) International Application (72)Name of Inventor: :PCT/EP2010/007970 1)SKUPIN, ANDREAS :28/12/2010 Filing Date 2)BRUCKNER, HELMUT (87) International Publication 3)LOWINSKI, CHRISTIAN :WO 2011/079950 A1 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

A device (1) for the wet-chemical treatment of material to be treated (10), in particular of flat material to be treated (10), comprises a treatment vessel (2) for treating the material to be treated (10) with a treatment liquid (9), a transport device (24) for transporting the material to be treated (10) through the treatment vessel (2), and a feed device (11) for feeding an inert gas (16) into the treatment vessel (2).

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

(21) Application No.5534/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: BIOACTIVE GRAFTS AND COMPOSITES

(51) International

:A61L27/56,A61L27/12,A61L27/20

classification

(31) Priority Document No :PCT/US2009/067799

(32) Priority Date

:13/12/2009

(33) Name of priority country: PCT

(86) International Application :PCT/US2010/058876

Filing Date

:03/12/2010

(87) International Publication :WO 2011/071766 A3

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)GOVIL, AMIT, PRAKASH

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92618 U.S.A.

(72)Name of Inventor:

1)GOVIL, AMIT, PRAKASH 2)GAMBOA, CHRISTIAN

(57) Abstract:

Disclosed arc various bioactive grafts and/or biocompatible materials and methods of making the same. In one embodiment, bone material is harvested from a donor. The harvested bone material is exposed to a lysing agent, the h/sing agent configured to release growth factors and bioactive materials from cellular material of the har-vested bone material. The harvested bone material is din rinsed with a rinsing agent. The pH of die harvested bone material is substantially neutralized. In another embodiment, an orthopedic implant includes an antibacterial polysaccharide. The implant may also include an ostcostimulalive agent.

No. of Pages: 76 No. of Claims: 37

(21) Application No.5694/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHODS FOR DETERMINING FRACTION OF FETAL NUCLEIC ACID IN MATERNAL SAMPLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/296,358 :19/01/2010 :U.S.A.	(71)Name of Applicant: 1)VERINATA HEALTH, INC. Address of Applicant:800 SAGINAW DRIVE, REDWOOD CITY, CA 94063 U.S.A. (72)Name of Inventor: 1)RAVA, RICHARD, P. 2)CHUU, YUE-JEN 3)CHINNAPPA, MANJULA 4)COMSTOCK, DAVID, A. 5)HEILEK, CARRIELLE
. ,	*	
Filing Date	:NA	VIII III III III III III III III III II

(57) Abstract:

The invention provides compositions and methods for determining the fraction of fetal nucleic acids in a maternal sample comprising a mixture of fetal and maternal nucleic acids. The fraction of fetal nucleic acids can be used in deterroining the presence or absence of fetal aneuploidy.

No. of Pages: 94 No. of Claims: 31

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SIMULTANEOUS DETERMINATION OF ANEUPLOIDY AND FETAL FRACTION

(51) International classification	:C12Q1/68,C12P19/34	(71)Name of Applicant:
(31) Priority Document No	:61/296,358	1)VERINATA HEALTH, INC.
(32) Priority Date	:19/01/2010	Address of Applicant :800 SAGINAW DRIVE, REDWOOD
(33) Name of priority country	:U.S.A.	CITY, CA 94063 U.S.A.
(86) International Application No	:PCT/US2010/058612	(72)Name of Inventor:
Filing Date	:01/12/2010	1)QUAKE, STEPHEN
(87) International Publication No	:WO 2011/090558 A1	2)RAVA, RICHARD, P.
(61) Patent of Addition to Application	:NA	3)CHINNAPPA, MANJULA
Number	:NA	4)COMSTOCK, DAVID, A.
Filing Date	,111.	5)HEILEK, GABRIELLE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides compositions and methods for simultaneously determining the presence or absence of fetal aneuploidy and the relative amount of fetal nucleic acids in a sample obtained form a pregnant female. The method encompasses the use of sequencing technologies and exploits the occurrence of polymorphisms to provide a streamlined noninvasive process applicable to the practice of prenatal diagnostics.

No. of Pages: 94 No. of Claims: 36

(22) Date of filing of Application :03/12/2009 (43) Publication Date : 14/02/2014

(54) Title of the invention: HIGH PRESSURE PUMP FOR SUPPLYING FUEL TO AN INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:F04B1/04 :MI2007A001202 :14/06/2007	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442
(33) Name of priority country(86) International Application No Filing Date	:Italy :PCT/EP2008/057265 :11/06/2008	STUTTGART Germany (72)Name of Inventor: 1)SPINELLI, VITO
(87) International Publication No	:WO 2008/152051 A1	2)GRIMALDI, ANTONIO 3)MEDORO, NELLO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A high-pressure pump (1) for supplying fuel to an internal-combustion engine has a pump body (2); an actuating shaft (8), which extends along a longitudinal axis (A1), is supported rotatably about the longitudinal axis (A1) by the pump body (2) and has an eccentric portion (24) and a prismatic jacking end (27); a first pumping station (6) having a gear (10) engaged with theprismatic jacking end (27); and a second pumping station (7) with at least one piston (12) which is slidable relative to the pump body (2) transversely with respect to the longitudinal axis (A1) and is actuated by the eccentric portion (24) of the actuating shaft (8); the prismatic jacking end (27) being made of a harder material than the material with which the remainder of the actuating shaft (8) is made.

No. of Pages: 12 No. of Claims: 11

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

:WO 2011/071035 A1

(54) Title of the invention: APPEARANCE INSPECTION DEVICE

(51) International classification (31) Priority Document No :2009-281087 (32) Priority Date :11/12/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/071886 Filing Date :07/12/2010 (87) International Publication No

(61) Patent of Addition to Application :NA

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

:G01N21/85,G01N21/84 (71)Name of Applicant :

1)DAIICHI JITSUGYO VISWILL CO., LTD.

(21) Application No.5652/CHENP/2012 A

Address of Applicant: 12-43, HONAMI-CHO, SUITA-SHI,

OSAKA 564-0042 Japan (72)Name of Inventor: 1)MATSUDA, SHINYA 2)AOKI, HIROSHI

(57) Abstract:

(19) INDIA

The present invention provides an appearance inspection device capable of accurately inspecting an design of even an object having projection/recess on the surface thereof. This appearance inspection device has surface-shape inspecting means and surface-design inspecting means disposed in the vicinity of a conveyance path along which an inspection object K is conveyed. The surface-shape inspecting means has a slit-beam-image capturing section 21, 51 capturing an image of a band-shaped slit beam being irradiated on the inspection object K and a shape judging section judging the appropriateness of the surface shape on the basis of the captured image. The surface-design inspecting means has a gray-scale-image capturing section 41, 71 capturing a gray-scale image while emitting diffused light on the inspection object K and a design judging section judging the appropriateness of the surface design on the basis of the captured gray-scale image. The design judging section receives from the shape judging section at least information on a region of the surface of the inspection object K in which a projection/recess portion is present, sets the received region as a region not to be inspected, and judges the appropriateness of the design.

No. of Pages: 45 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMPROVED BULKED MUTANT ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12Q1/68 :61/287,927 :18/12/2009 :U.S.A. :PCT/NL2010/050860 :17/12/2010 :WO 2011/074964 A1 :NA :NA	(71)Name of Applicant: 1)KEYGENE N.V. Address of Applicant: P.O. BOX 216, NL-6700, AE WAGENINGEN Netherlands (72)Name of Inventor: 1)STUURMAN, JEROEN 2)YALCIN, FEYRUZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.5654/CHENP/2012 A

(57) Abstract:

The current invention relates to a new strategy for identification, and optional isolation, of a nucleic acid sequence that is expressed in an organism and that is causally related to a particular phenotype (trait of a character) of said organism. With the method of the current invention it has become possible to, in contrast to known methods in the art, efficiently enrich, identify, isolate and/or clone genes in, for example, organism like (crop) plants for which no or only limited information with respect to the genome is available.

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

(21) Application No.5655/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MODIFIED RESIN SYSTEMS FOR LIQUID RESIN INFUSION APPLICATIONS & PROCESS METHODS RELATED THERETO

(51) International :B29C70/34,C08G59/38,C08L63/00

classification (31) Priority Document No :0922599.6

:23/12/2009 (32) Priority Date

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

(86) International Application :PCT/GB2010/002324 No

:22/12/2010 Filing Date

(87) International Publication :WO 2011/077094 A1

(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)CYTEC TECHNOLOGY CORP

Address of Applicant :300 DELAWARE AVENUE

WILMINGTON DELWARE 19801 U.S.A.

(72)Name of Inventor:

1)MEEGAN, JONATHAN E. 2)BLACKBURN, ROBERT

(57) Abstract:

Embodiments of the invention are directed to modified resin systems for use in liquid resin infusion (LRI) processes, variations of LRI processes and other suitable processes. In one embodiment, the modified resin system includes a novel combination of at least one base resin, an amount of particles within a predetermined range and an amount of the mioplastic material within a predetermined range wherein, when combined, the modified resin system has an average viscosity below a threshold average viscosity at a specific temperature and a high level of toughness. The modified resin system may additionally include a curing agent and other suitable components. The modified resin system has been experimentally shown to exhibit a unique, controllable and constant morphology which may be at least partially responsible for imparting a required toughness and damage resistance to a finished composite without adversely impacting properties such as viscosity, pot life, cure temperature, glass transition temperature or tensile modulus of the modified resin system.

No. of Pages: 48 No. of Claims: 22

(21) Application No.815/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPEED SENSING OF AN ENGINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01N :NA :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. Tamil Nadu
(86) International Application No Filing Date	:NA :NA	India (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)ARUMUGAM SIVAKUMAR 2)SHANMUGAM ANANDAN
Filing Date	:NA	3)CHANDAN MANDIKAL RAGHURAM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A speed detecting system for a motorcycle having a four stroke internal combustion engine with a crankcase with left and right side crankcase halves comprising an extended driven shaft and an driven sprocket mounted on the said driven shaft, an engine sprocket cover covering the said engine driven sprocket and the said driven shaft, wherein the extended portion of the said driven shaft is the speed sensing element, wherein a speed sensor is mounted on the said engine sprocket cover by known mounting means.

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

(21) Application No.5627/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: USE OF METAL COMPLEXES AS OXYGEN ABSORBER/SCAVENGER ELEMENTS FOR PACKAGING APPLICATIONS

(51) International :C08K5/00,C08K5/3432,C08L23/00

classification :09177741.7

(31) Priority Document No (32) Priority Date :02/12/2009 (33) Name of priority country: EPO

(86) International Application :PCT/EP2010/068374

No :29/11/2010

Filing Date

(87) International Publication :WO 2011/067198 A1

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

(62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056, LUDWIGSHAFEN Germany

(72)Name of Inventor: 1)MENOZZI, EDOARDO 2)GALFRE, ENRICO 3) RUGGERI, NAZZARENO

(57) Abstract:

An oxygen-scavenging composition comprising (I) a polymeric resin, (II) a metal organic oxidation additive based on a chelating aromatic or non aromatic amine and transition metal complex, (III) a sacrificial oxidizable substrate, and optionally (IV) additional components, and further an article containing said oxygen-scavenging composition and the use of said oxygen-scavenging composition in food packaging.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: STEREOSCOPIC IMAGING DEVICE

(51) International :G03B35/08,G02B27/22,H04N13/02 classification

:25/11/2010

(31) Priority Document No :2009-274001 :01/12/2009 (32) Priority Date (33) Name of priority

:Japan country

(86) International :PCT/JP2010/071529 Application No

Filing Date

(87) International Publication :WO 2011/068139 A1

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

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

Filing Date

(71)Name of Applicant: 1)INABA, MINORU

Address of Applicant: 1116, OAZA SAMUKAWA, OYAMA-

SHI, TOCHIGI-329-0226 Japan

(72)Name of Inventor: 1)INABA, MINORU

(57) Abstract:

Disclosed is a stereoscopic imaging device which answers the need for system compatibility over the entire range of long-distance (telescopic) imaging to close-up imaging, and which can faithfully reproduce stereoscopic images on the display side without adjustment. To that end, a stereoscopic imaging device is disclosed in which the imaging lens optical axes (phi (L), (R)) in an imaging unit provided with imaging lenses and imaging elements (S) are arranged so as to be laterally parallel, and the distance between the optical axes (DL) is set to the interpupillary distance (B) of a human. One reference window (Wref) is defined as a virtual view frame in the image viewfield of said imaging unit. In a state in which said reference window (Wref) is projected to form reduced images by means of the left and right imaging lenses, the left and right imaging elements (S) are arranged to match the width of the left and right projected images (Iref(L) and Iref(R)) of the reference window, and left and right image data is read and sent as reference stereoscopic image data. Also disclosed is a stereoscopic imaging device which is based on the aforementioned stereoscopic imaging device and which enlarges or reduces the distance between optical axes to greater or smaller than the interpupillary distance and is adapted for a wide range of imaging, from long-distance imaging to close-up imaging.

No. of Pages: 71 No. of Claims: 10

(21) Application No.5747/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMAGE PROCESSING APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:H04N1/00	(71)Name of Applicant:
(31) Priority Document No	:2009-274932	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:02/12/2009	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:PCT/JP2010/069016	(72)Name of Inventor:
Filing Date	:20/10/2010	1)ITO, FUMITOSHI
(87) International Publication No	:WO 2011/067999	
(87) International I dollcation No	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

When operation screen data sent from a Web server can be received, an image processing apparatus displays an operation screen based on the operation screen data on an operation unit. On the other hand, when operation screen data cannot be received due to a communication error, the image processing apparatus displays a substitute operation screen that allows it use of at least one of its image processing functions on the operation unit.

No. of Pages: 46 No. of Claims: 4

(21) Application No.5748/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR TEMPERING A CHAMBER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:10 2009 055 442.4	1)SGL CARBON SE
(32) Priority Date	:31/12/2009	Address of Applicant :RHEINGAUSTRASSE 182, 65203
(33) Name of priority country	:Germany	WIESBADEN Germany
(86) International Application No	:PCT/EP2010/070978	(72)Name of Inventor:
Filing Date	:31/12/2010	1)GUCKERT, WERNER
(87) International Publication No	:WO 2011/080338	2)KIPFELSBERGER, CHRISTIAN
	A1	3)MICHELS, ROBERT
(61) Patent of Addition to Application	:NA	4)RAUCH, SIEGFRIED
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for tempering a chamber, comprising at least one component (5) which forms a thermal accumulator and has a surface (11) oriented towards the chamber, in addition to tubes (9) thermally coupled to the component (5), which can be traversed by means of a heating or cooling medium. According to the invention, said tubes (9) are integrated into panel (1) containing expanded graphite or made of expanded graphite and said panel (1) is in flat thermal contact with the surface (11) of the component oriented towards the chamber.

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

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TARGETED IMMUNOMODULATORY ANTIBODIES AND FUSION PROTEINS

(51) International classification	:C07K19/00, A61K38/16	(71)Name of Applicant: 1)THE JOHNS HOPKINS UNIVERSITY
(31) Priority Document No	:61/311,255	Address of Applicant :3400 N. Charles Street Baltimore MD
(32) Priority Date	:05/03/2010	21218 United States of America
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/027317	1)BEDI Atul
Filing Date	:04/03/2011	2)RAVI Rajani
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

(57) Abstract:

The present invention is based on the seminal discovery that targeted immunomodulatory antobodies and fusion proteins can counter act or reverse immune tolerance of cancer cells. Cancer cells are able to escape elimination by chemotherapeutic agents or tumortargeted antobodies via specific immunosuppressive mechanisms in the tumor microenv ironment and such ablity of cancer cells is recognized as immune tolerance. Such immunosuppressive mechanisms include immunosuppressive cytokines (for example Transfonning growth factor beta (TGF-J3)) and regulatory T cells and/or immunosuppressive myeloid dendritic cells (DCs). By conteracting tumor- induced immune tolerance the present invention provides effective compositions and methods for cancer treatment optional in combination with another existing cancer treatment. The present invention provides strategies to counteract tumor-induced immune tolerance and enhance the antitumor efficacy of chemotherapy by activating and leveraging T cell-mediated adaptive antitmnor immunity against resistant or disseminated cancer cells.

No. of Pages: 155 No. of Claims: 67

(21) Application No.5618/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESS FOR PRODUCING AN ALUMINIUM TITANATE-BASED CERAMICS

(51) International classification :C04B35/46,B01D39/20,C01G23/00

(31) Priority Document No :2009-297004 (32) Priority Date :28/12/2009 (33) Name of priority country: Japan

(86) International Application: PCT/JP2010/073882

Filing Date :24/12/2010

(87) International Publication :WO 2011/081217 A1

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

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

(71)Name of Applicant:

1)SUMITOMO CHEMICAL COMPANY, LIMITED

Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-

KU, TOKYO 104-8260 Japan (72)Name of Inventor:

1)IWASAKI, KENTARO

2)TOHMA, TETSURO

(57) Abstract:

The present invention is a process for producing an aluminum titanate-based ceramics comprising a step of firing a starting material mixture containing a titanium source powder, an aluminum source powder, and a copper source.

No. of Pages: 36 No. of Claims: 22

(22) Date of filing of Application :27/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTI-OSCILLATION APPARATUS AND TECHNIQUE FOR SECURING WIND TURBINE BLADES AGAINST OSCILLATIONS

(51) International classification :F03D1/00,F03D11/00 (71)Name of Applicant : (31) Priority Document No :0921154.1 :02/12/2009 (32) Priority Date (33) Name of priority country :U.K.

(86) International Application No :PCT/EP2010/068675

Filing Date :01/12/2010 (87) International Publication No :WO 2011/067304 A1

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

1) VESTAS WIND SYSTEMS A/S

(21) Application No.5619/CHENP/2012 A

Address of Applicant: HEDEAGER 44, 8200, AARHUS N

Denmark

(72)Name of Inventor:

1)BECH, ANTON

(57) Abstract:

(19) INDIA

The invention relates to a method of operating a wind turbine (1) to guard against oscillations of the wind turbine blades (5) when they are at a standstill or idling at low speeds, and to a wind turbine blade anti-oscillation apparatus (10). The apparatus comprises a releasably attachable blade cover (10) that provides a non-aerodynamic surface for a region of the blade. This has been found to prevent air flow adhering to the blade and periodically detaching in a phenomenon known as vortex shedding, and therefore prevents oscillations of the blade becoming problematic. The blade cover can comprise a sleeve (10) of a net-like material, that can be positioned on the blade either before installation or in the field by service engineers using guide lines 16 and 17.

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

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: HIGH-PERFORMANCE COATED MATERIAL FOR PAVEMENT AND A ROAD SURFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01C 7/18 :10 52595 :06/04/2010 :France :PCT/FR2011/050585 :22/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)EIFFAGE TRAVAUX PUBLICS Address of Applicant: 2 rue Hl ne-Boucher F-93300 Neuilly Sur Marne France (72)Name of Inventor: 1)KRAFFT Serge 2)OLARD Fransois
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(57) Abstract:

The invention relates to coated material (1) for the base layer (5) of road pavement made up of aggregate (2) coated with a hydrocarbon binder (3) wherein the aggregate (2) is more than 95 wt % of the coated material (1); wherein the aggregate (2) includes a granular structure which includes a plurality of granular fractions d/D; one intermediate fraction of which is less than 15% of the granules; wherein the hydrocarbon binder (3) is less than 5 wt % of the coated material; wherein the coated material (1) includes after compacting a void fraction of less than 8%; wherein the hydrocarbon binder (3) is a hydrocarbon binder modified by adding polymers or oil or modified by foaming or by emulsion by means of which the modulus of rigidity of the coated material (1) once compacted is higher than 9000 MPa.

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

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROTECTIVE FRAME STRUCTURE FOR POWER SOURCE DEVICE

(51) International classification	:B60K 1/04	(71)Name of Applicant:
(31) Priority Document No	:2010-114983	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:19/05/2010	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:PCT/JP2011/058968	(72)Name of Inventor:
Filing Date	:11/04/2011	1)Hiromasa MINAMI
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is intended to reduce impact of external forces on a power supply apparatus by placing the power supply apparatus close to a peripheral component inside a vehicle and as far away as possible from ends of the vehicle, which are susceptible to the impact of the external forces from outside the vehicle. The present invention provides a protecting frame structure for a power supply apparatus, including a power supply apparatus, a protecting frame structure, a floor panel adapted to fasten a lower end portion of the protecting frame structure, a peripheral component which includes a tilting structure adapted to tilt to a side on which the protecting frame structure is installed, wherein the protecting frame structure includes first and second frames extending in a vertical direction of the vehicle and a third frame extending in a width direction of the vehicle, the first and second frame have respective bending portions and inclined portions and are coupled at respective upper ends to the third frame, the inclined portions being located on an upper side of the vehicle above the bending portions and being inclined toward a rear side of the vehicle, and the third frame has coupling portions which couple to the first and second frames and is connected at both ends to lateral surfaces of the vehicle.

No. of Pages: 29 No. of Claims: 3

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COATING COMPOSITIONS FOR SECURITY ELEMENTS AND HOLOGRAMS

(51) International classification	:C09D5/29	(71)Name of Applicant:
(31) Priority Document No	:09177328.3	1)BASF SE
(32) Priority Date	:27/11/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/067898	1)GRIGORENKO, NIKOLAY, A.
Filing Date	:22/11/2010	2)RICHERT, MICHELLE
(87) International Publication No	:WO 2011/064162	
(87) International Lubication No	A3	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the use of coating compositions, comprising shaped transition metal, especially silver, particles and a binder, wherein the ratio of pigment to binder is preferably such that the resulting coating shows an angle dependent colour change, for the production of security elements and holograms. When the coating compositions of the present invention are used in coating a hologram the obtained products show a an angle dependent colour change (flip/flop effect), different colours in reflection and transmission, an extremely bright OVD image and extremely strong rainbow effect, high purity and contrast.

No. of Pages: 32 No. of Claims: 17

(21) Application No.5719/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: FINELY DEPOSITED LITHIUM METAL POWDER

(51) International :H01M4/04,H01M4/134,H01M4/1395 classification

(31) Priority Document No :61/266.308 (32) Priority Date :03/12/2009 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2010/058254 Application No

:30/11/2010 Filing Date

(87) International

:WO 2011/068767 A1 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant: 1)FMC CORPORATION

Address of Applicant: 1735 MARKET STREET. PHILADELPHAI, PENNSYLVANIA 19103 U.S.A.

(72)Name of Inventor:

1)YAKOVLEVA, MARINA

2)GAO, YUAN 3)LI, YANGXING

4) FITCH, KENNETH BRIAN

(57) Abstract:

Filing Date

The present invention provides a method of finely depositing lithium metal powder or thin lithium foil onto a substrate while avoiding the use of a solvent. The method includes depositing lithium metal powder or thin lithium foil onto a carrier, contacting the carrier with a substrate having a higher affinity for the lithium metal powder as compared to the affinity of the carrier for the lithium metal powder, subjecting the substrate while in contact with the carrier to conditions sufficient to transfer the lithium metal powder or lithium foil deposited on the carrier to the substrate, and separating the carrier and substrate so as to maintain the lithium metal powder or lithium metal foil, deposited on the substrate.

No. of Pages: 16 No. of Claims: 17

(21) Application No.5720/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DELINEATOR WITH BOUNCEBACK MECHANISM

(51) International classification :E01F9/04,E01F9/011,E01F9/015 (71) Name of Applicant: :61/291,843 (31) Priority Document No 1)3M INNOVATIVE PROPERTIES COMPANY (32) Priority Date :31/12/2009 Address of Applicant :3M CENTER, POST OFFICE BOX (33) Name of priority country 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2010/061493 1)MANIKKAM, SUNDAR, R. No :21/12/2010 Filing Date (87) International Publication :WO 2011/082024 A2 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Delineators are described that include a delineator body, a ball and socket joint, and a resilient rod. The ball and socket joint is disposed to promote deflection of the delineator body in response to a deflecting force. The resilient rod, which may comprise steel, couples to the delineator body and to the ball and socket joint, and is adapted to restore the delineator body to an upright position after removal of the deflecting force. An elastic grommet, which may comprise rubber, is also preferably included that connects the rod to the delineator body. The ball and socket joint may allow the delineator to deflect equally in all directions, or preferentially in a preferred deflection plane.

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

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.8431/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: RETRACTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/02 :1003516.0 :03/03/2010 :U.K. :PCT/GB2011/050416 :02/03/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SURGICAL INNOVATIONS LIMITED Address of Applicant: Clayton Wood House 6 Clayton Wood Bank Leeds LS16 6QZ Great Britain. U.K. (72)Name of Inventor: 1)MAIN David
Filing Date	:NA	

(57) Abstract:

Control members (200) and (202) extend through segments (3) in a retractor. When a wire (10) is tightened to urge each of the segments (3) to turn the segments (3) having the weaker control member (200) move first to cause the distal end to turn before the segments (3) having the stronger control members (202) start to turn.

No. of Pages: 29 No. of Claims: 30

(21) Application No.8433/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: STRUCTURE FOR VEHICLE BODY REAR PORTION

(51) International classification	:B60R7/08	(71)Name of Applicant:
(31) Priority Document No	:2010-120846	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:26/05/2010	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:PCT/JP2011/055196	(72)Name of Inventor:
Filing Date	:07/03/2011	1)Eiji HARUNARI
(87) 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 vehicle body rear portion structure which can improve the operability of a coupling operation between a flange which extends downward from a peripheral portion of a parcel shelf and an upper end portion of a battery cover is provided. A battery 1 is mounted on a rear side of a seatback, a battery cover 5 which covers at least a rear surface of the battery 1 is provided, a parcel shelf 6 which extends to a vehicle rear side Rr from an upper end portion side of the seatback to cover an upper side of the above battery 1 is provided, a flange 16 which extends downward from a peripheral portion of the parcel shelf 6 and an upper end portion of the above battery cover 5 are coupled together by a coupling member, a retainer is mounted on the flange 16 of the parcel shelf 6 at an interval from a flange surface of the flange 16, and the flange 16, the upper end portion of the battery cover 5, and the retainer are coupled together by the coupling member 23 while the upper end portion of the battery cover is inserted between the flange 16 and the retainer.

No. of Pages: 29 No. of Claims: 4

(21) Application No.4086/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELECTION OF A COMMUNICATION MODE

(51) International classification	:H04M3/42,H04W4/12	(71)Name of Applicant:
(31) Priority Document No	:0905688	1)ALCATEL LUCENT
(32) Priority Date	:26/11/2009	Address of Applicant :3, AVENUE OCTAVE GREARD,
(33) Name of priority country	:France	75007 PARIS France
(86) International Application No	:PCT/FR2010/052469	(72)Name of Inventor:
Filing Date	:22/11/2010	1)MAHMOUD GHORBEL
(87) International Publication No	:WO 2011/064491 A1	2)GUY-BERTRAND KAMGA
(61) Patent of Addition to Application	:NA	3)SOPHIE PIEKAREC
Number	:NA	4)MARIE-PASCALE DUPONT
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention pertains to a method for selecting a communication mode between a first and a second user of at least one communication network comprising the following steps: - receiving a request sent by the first user in order to be placed into communication with the second user, - determining available communication modes between the first and second user based on at least one status parameter of the second user deduced from the location of said second user and from an activity associated with that location.

No. of Pages: 17 No. of Claims: 16

(21) Application No.5548/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012 (43) Publication Date: 14/02/2014

:WO 2011/0665911 A1

(54) Title of the invention: A METHOD FOR APPLYING A BARRIER ON MOULDED FIBROUS PRODUCT AND A PRODUCT PRODUCED BY SAID METHOD

(51) International :D21H23/50,B65D1/34,B65D25/14

classification (31) Priority Document No :0950909-2 :27/11/2009 (32) Priority Date (33) Name of priority country: Sweden

(86) International Application :PCT/SE2010/051309

No

:26/11/2010 Filing Date

(87) International Publication

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

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)PAKIT INTERNATIONAL TRADING COMPANY INC. Address of Applicant: THE BUSINESS CENTRE, UPTON,

SAINT MICHAEL, 11103/BB Barbados

(72)Name of Inventor: 1)NILSSON, BJORN

(57) Abstract:

The present invention relates to a method of producing a moulded fibrous product 5, said method comprising providing a moulded, hot-pressed and dried fibrous product formed from an aqueous pulp suspension 11 in a vat 12, said product 5 having a surface 50 intended to face upward in use of the product 5; covering the surface 50 of at least a first side of the product 5 with a surface barrier material 45 applied in liquid form; and drying the product 5 and the applied surface barrier material 45 to produce a moulded fibrous product 5 having a surface barrier 46; wherein a porous mould 10, 20 is provided for supporting the product 5 during the application of the surface barrier material 45; and suction is applied through the pores of the moulded, 20 to get a self-healing effect of the liquid barrier material 45 applied on the product 5, whereby the liquid surface barrier material 45 spreads on the surface 50 to fill any possible areas that need more of the liquid surface barrier material 45, so that a moulded fibrous product having a tight surface barrier 46 will be produced.

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

(22) Date of filing of Application :25/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: MACHINE FOR NEUTRALIZING THE BACTERIAL CONTENT OF HOSPITAL WASTE OR OTHER SPECIAL WASTE, SO AS TO BE ABLE TO DISPOSE OF IT AS WASTE SIMILAR TO ORDINARY SOLID WASTE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61L2/12,A61L11/00,A61L2/24 :BO2010A000003 :07/01/2010 :Italy	(71)Name of Applicant: 1)C.M.S. S.P.A. Address of Applicant: VIA PIETRO MIANI 254, I-41054 MARANO SUL PANARO, PROVINCE OF MODENA Italy
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2010/070876 :29/12/2010 :WO 2011/083067 A1	(72)Name of Inventor: 1)SALDA, LUCIANO 2)CAPPI, ANGELO 3)LEONELLI, CRISTINA 4)VERONESI, PAOLO
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	4)VERONESI, FAOLO

(57) Abstract:

The microwave sterilization chamber (10) is made in the shape of a downwardly open bell which can be sealed by a base structure (6,19, 20) which carries means (5) for gripping and rotating the canister (1) filled with waste, which can be moved by suitable means from a low position for the filling and discharge of the canister (1) to a raised position for the closure of said chamber and for the insertion of the full canister (1) into the chamber, each canister being provided with means by which it can be removably supported by said means of gripping and rotating the sterilization chamber (10), and can be gripped by the manipulating means (SM) which transfer said canister between the different operating stations of the machine.

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

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MANUFACTURE OF PHOTOVOLTAIC MODULE COMPRISING CELL ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:24/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)NEXCIS Address of Applicant: 190 Avenue Clestin Coq F-13106 Rousset France (72)Name of Inventor: 1)DUNNE Brendan
- 10	*	
(62) Divisional to Application Number Filing Date	:NA :NA	
Timing Dute	.1112	

(57) Abstract:

The present invention relates to the manufacture of a photovoltaic cell panel, said manufacture comprising the steps of: a) obtaining photovoltaic (PV) films that are each intended for a cell and are placed onto a front surface of a metal substrate; b) applying at least one conductive film (CG, CND) onto each front surface of a photovoltaic film; c) cutting up the substrate (SUB) so as to isolate the cells from each other; and d) encapsulating (ENC) the cells on a common mounting. According to the invention, steps d) and c) are reversed, so step d) relates to encapsulating the front surface of the substrate before step c), cutting the substrate up by the rear surface thereof. Additionally, - in step b), an area of the conductive film is extended over the substrate so that the conductive film simultaneously makes contact with the front surface of the photovoltaic film and the front surface of the substrate, and - in step c), the substrate is cut up so as to avoid short-circuiting between the photovoltaic cells, at least under the above-mentioned area of the conductive film and over a substrate width less than the width of the area.

No. of Pages: 35 No. of Claims: 13

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD IN CONNECTION WITH AN ELEVATOR SYSTEM, AND AN ELEVATOR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:03/11/2010 :WO 2011/058219	(71)Name of Applicant: 1)KONE CORPORATION Address of Applicant: KARTANONTIE 1, FI-00330 HELSINKI Finland (72)Name of Inventor: 1)JOKINEN, RISTO
Filing Date	:03/11/2010	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an elevator system and also to a method for detaching an elevator car (3) and/or a counterweight (4) from a safety gear (5, 14). hi the method torque pulses (10A, 10B, 10 C) are produced with the hoisting machine (1) of an elevator, for detaching a gripped stuck elevator car (3) and/or a gripped stuck counter weight (4).

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : AN ACTIVATING AGENT FOR A WATER PRESSURE TRANSFER FILM, A WATER PRESSURE TRANSFER METHOD AND A WATER PRESSURE TRANSFER ARTICLE

(21) Application No.4119/CHENP/2012 A

(51) International classification	:B44C1/175	(71)Name of Applicant:
(31) Priority Document No	:2009-242247	1)TAICA CORPORATION
(32) Priority Date	:21/10/2009	Address of Applicant :18-10, TAKANAWA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 1080074 Japan
(86) International Application No	:PCT/JP2010/068542	(72)Name of Inventor:
Filing Date	:21/10/2010	1)IKEDA, WATARU
(97) International Dublication No.	:WO 2011/049151	2)YOSHII, YOUICHIRO
(87) International Publication No	A1	
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

(19) INDIA

An ultraviolet ray hardening resin composite type coating agent for being applied to a print pattern of a water pressure transfer film to restore an adhesion and including a photo-polymerization oligomer, a photo-polymerization monomer and a photo-polymerization initiator for improving a membrane strength, a chemical resistance and light resistance, said photo-polymerization oligomer including a multi-functional oligomer and a bi-functional oligomer, said photo-polymerization monomer being a bi-functional monomer, said coating agent including a non-reactive resin added in addition to said ultraviolet ray hardening resin composite, said photo-polymerization oligomer being blended at 25 to 56 weight %, said photo-polymerization monomer being blended at 33 to 65 weight %, said photo-polymerization initiator being blended at 5 to 10 weight % and said non-reactive resin being blended at 2 to 10 weight %.

No. of Pages: 51 No. of Claims: 12

(21) Application No.4956/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PRESSURE SEALING METHOD FOR HEADSPACE MODIFICATION

(51) International :B65B31/04,B65D39/12,B65D41/04 classification

(31) Priority Document No :581313 (32) Priority Date :18/11/2009 (33) Name of priority country: New Zealand

(86) International Application: PCT/NZ2010/000231

No :17/11/2010 Filing Date

(87) International Publication :WO 2011/062512 A9

No

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

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

Filing Date

(71)Name of Applicant:

1)MELROSE, DAVID MURRAY

Address of Applicant: 88 BAKMORAL ROAD, MT EDEN,

AUCKLAND 1024 New Zealand

(72)Name of Inventor:

1)MELROSE, DAVID MURRAY

(57) Abstract:

A container cap (80) positioned within a sealing chamber (84) has an openable aperture to allow the increase, in pressure in the container headspace (231) before the aperture is resealed. In alternative embodiments the container (1) may include vacuum compensation panels (801, 802,803, 804) in its sidewall and/or base.

No. of Pages: 75 No. of Claims: 12

(22) Date of filing of Application :27/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SHAFT SEAL DEVICE AND ROTARY MACHINE INCLUDING SHAFT SEAL DEVICE

(51) International classification	:F01D11/00,F02C7/28	(71)Name of Applicant:
(31) Priority Document No	:JP2010-053657	1)MITSUBISHI HEAVY INDUSTRIES, LTD.
(32) Priority Date	:10/03/2010	Address of Applicant :16-5, KONAN 2-CHOME, MINATO-
(33) Name of priority country	:Japan	KU, TOKYO 108-8215 Japan
(86) International Application No	:PCT/JP2011/051757	(72)Name of Inventor:
Filing Date	:28/01/2011	1)HIDEKAZU UEHARA
(87) International Publication No	:WO 2011/111433 A1	2)TANEHIRO SHINOHARA
(61) Patent of Addition to Application	:NA	3)TAKASHI NAKANO
Number	:NA	4)SHIN NISHIMOTO
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a shaft seal device comprising a seal piece-laminated body (12) where a plurality of thin seal pieces (20) are laminated in the circumferential direction along a rotating shaft, outer ends of the plurality of thin seal pieces in the radial direction are connected to each other, inner ends (20b) of the thin seal pieces in the radial direction are formed as free ends, a small gap (s) is formed at every two thin seal pieces adjacent to each other, and a small gap (s) is formed between the rotating shaft and the seal piece-laminated body (12). A wear-resistant treatment layer (25) is formed on the surface of a portion of the thin seal piece close to the inner end.

No. of Pages: 39 No. of Claims: 7

(21) Application No.8469/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SIGNAL TRANSMISSION PATTERN

(62) Divisional to Application Number :NA Filing Date :NA	• •	:06/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)JIANG Yi 2)MESHKATI Farhad 3)YAVUZ Mehmet 4)NANDA Sanjiv
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(57) Abstract:

An access point transmits signals (e.g. a cell reselection beacon) on a carrier frequency according to a multi-power level transmission pattern. Signals are transmitted at a high power level for a first defined period of time (e.g. between 4 - 7 milliseconds) and at a low power level for a second defined period of time (e.g. between 58 - 65 milliseconds).

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

(21) Application No.847/CHE/2011 A

(19) INDIA

(22) Date of filing of Application: 18/03/2011 (43) Publication Date: 14/02/2014

(54) Title of the invention : A MATERIAL TESTING MACHINE FOR ASSESSING COMPRESSIVE STRENGTH OF A GIVEN MATERIAL OF A SPECIMEN AND A METHOD THEREOF

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. BV RAJU INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NARASAPUR, MEDAK DISTRICT,
(33) Name of priority country	:NA	PIN-502 313. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAIK ALTAF HUSSAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a material testing machine designed to assess compressive strength of materials and a method thereof. The machine is simple in construction and very economical. The machine uses the principle of impact force using a metal sphere to fall from different heights on the specimen under specified conditions rather than conventional material testing machine operating on compression force by a hydraulic lift. Further the machine can be easily caliberated for the testing and is very user friendly, compact and maintenance free.

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

(21) Application No.5715/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: COMPOSITE PIEZOELECTRIC BODY, METHOD FOR PRODUCING SAID COMPOSITE PIEZOELECTRIC BODY, AND COMPOSITE PIEZOELECTRIC ELEMENT USING SAID COMPOSITE PIEZOELECTRIC BODY

(51) International :H01L41/08,H01L41/18,H01L41/187

(31) Priority Document No :2010-001278

(32) Priority Date :06/01/2010 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2010/068839

Filing Date :25/10/2010

(87) International

Publication No :WO 2011/083611 A1

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

(71)Name of Applicant :

1)TAYCA CORPORATION

Address of Applicant: 1-3-47 FUNAMACHI TAISHO-KU,

OSAKA-SHI OSAKA 5510022 Japan

(72)Name of Inventor: 1)OCHI, TAKAYUKI 2)KUBOTA, HIROKI

(57) Abstract:

Filing Date

There has been a need for a composite piezoelectric body and a composite piezoelectric element using the composite piezoelectric body which does not cause electrode defects, disconnection, and peeling even if the piezoelectric body is subjected to fine-pitch processing. [Solution] A composite piezoelectric body of the present invention includes a piezoelectric ceramic and an organic polymer material containing air bubbles mixed therein, wherein among surfaces of the piezoelectric ceramic and the organic polymer material on which an electrode is to be formed, an insulating layer is formed on the entire or a portion of the surface of the organic polymer material on which the electrode is to be formed.

No. of Pages: 37 No. of Claims: 8

(21) Application No.5716/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD FOR CONFIGURING A GRAPHIC USER INERFACE OF AN APPARATUS FOR PROCESSING VALUE DOCUMENTS

(51) International classification	:G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:10 2010 004 166.1	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:08/01/2010	Address of Applicant :PRINZREGENTENSTRABE 159,
(33) Name of priority country	:Germany	81677 MUNCHEN Germany
(86) International Application No	:PCT/EP2010/007882	(72)Name of Inventor:
Filing Date	:22/12/2010	1)HOCHERL, PETER
(97) Intermedianal Dublication No.	:WO 2011/082813	
(87) International Publication No	A1	
(61) Patent of Addition to Application	·N	
Number	:NA	
Filing Date	:NA	
\mathcal{E}	NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abatraat		!

(57) Abstract:

The invention relates to a device (10) for processing value documents (10), comprising a display device for dis-, playing information relating to the processing and/or the value documents, and a control device, which actuates the display device, 1 can optionally be operated in a configuration mode and a working mode, in which the device can process value documents, and comprises a graphical user interface, by means of which at least one representation with an information field can be displayed on the display device at least in the operating mode and which provides an alphanumerical field and a graphical field for displaying 1 the information field, and which in the configuration mode is designed to either establish the alphanumerical field or the graphical field for representing the information field in the working mode in response to a selection signal.

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

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A METHOD OF REAL-TIME CROPPING OF A REAL ENTITY RECORDED IN A VIDEO SEQUENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:01/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F-75007 Paris France (72)Name of Inventor: 1)BRICE LECLERC 2)OLIVIER MARCE 3)YANN LEPROVOST
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of real-time cropping of a real entity in motion in a real environment and recorded in a video sequence, the real entity being associated with a virtual entity, the method comprising the following steps: extraction (S1, S1A) from the video sequence of an image comprising the real entity recorded, determination of a scale and/or of an orientation (S2, S2A) of the real entity on the basis of the image comprising the real entity recorded, transformation (S3, S4, S3A, S4A) suitable for scaling, orienting, and positioning in a substantially identical manner the virtual entity and the real entity recorded, and substitution (S5, S6, S5A, S6A) of the virtual entity with a cropped image of the real entity, the cropped image of the real entity being a zone of the image comprising the real entity recorded delimited by a contour of the virtual entity.

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

(21) Application No.8482/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD DEVICE PROGRAM AND COMPUTER READABLE RECORDING MEDIUM FOR FAILURE ANALYSIS OF SPOT WELDED SECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N3/00 :2010-088271 :07/04/2010 :Japan :PCT/JP2011/058738 :06/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL CORPORATION Address of Applicant: 6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 1008071 Japan (72)Name of Inventor: 1)HIROSHI YOSHIDA 2)NARUHIKO NOMURA 3)AKIHIRO UENISHI
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(57) Abstract:

Maximum allowable load values of a welded portion in respective fracture modes of a Load fracture, a moment fracture, and a nugget interior fracture are found based on at least one of a sheet thickness t, a tensile strength IS, an elongation El, and a chemical composition of a nugget portion in each of spotwelded steel sheets, a nugget diameter d of a welded portion, an effective width B of the welded portion determined by a distance between adjacent welded portions, edges or ridge lines, and a sectional height H. Then, according to these fracture modes, an allowable load value at every moment after the maximum allowable load value of the welded portion is reached is found, and a displacement or a time at which the allowable load value becomes 0, that is, at which a complete fracture occurs is found, thereby finding a fracture limit.

No. of Pages: 53 No. of Claims: 9

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING SIGNAL VIA RELAY BACKHAUL LINK

(51) International classification	:H04J11/00.H04B7/14	(71)Name of Applicant :
(31) Priority Document No	:61/299,323	1)LG ELECTRONIC INC.
(32) Priority Date	:28/01/2010	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2011/000610	(72)Name of Inventor:
Filing Date	:28/01/2011	1)SEO, HAN BYUL
(87) International Publication No	:WO 2011/093670 A3	2)KIM, HAK SEONG
(61) Patent of Addition to Application	:NA	3)LEE, DAE WON
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and apparatus for transmitting a signal to a relay at a Base Station (BS) in a wireless communication system are disclosed. The method includes mapping a Reference Signal (RS) to a subframe having two slots, and transmitting the subframe to the relay. Each of the slots includes a plurality of consecutive resource elements over which the RS can be spread and the plurality of consecutive resource elements are overlapped with a last Orthogonal Frequency Division Multiplexing (OFDM) symbol of the slot. If a last OFDM symbol of the subframe is not available to the relay, the RS is transmitted only LQ a first slot of the subframe.

No. of Pages: 39 No. of Claims: 14

(19) INDIA

(43) Publication Date: 14/02/2014

(21) Application No.5645/CHENP/2012 A

(22) Date of filing of Application :28/06/2012

(54) Title of the invention: CENTER TWIST HEMOSTATIC VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61M5/178 :12/683,174 :06/01/2010 :U.S.A. :PCT/US2011/020182 :05/01/2011 :WO 2011/084979 A1 :NA	(71)Name of Applicant: 1)GORE ENTERPRISE HOLDINGS, INC. Address of Applicant:551 PAPER MILL ROAD, P.O. BOX 9206 NEWARK, DE 19714-9206 U.S.A. (72)Name of Inventor: 1)WELLS, DAX, B.
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention comprises a hemostatic valve apparatus used in medical procedures that provides a valve that is always sealed. The valve apparatus incorporates a double twist and a rotation member placed between the ends of the valve. Because the valve is never fully opened, either no fluids or an insignificant amount of fluids will flow when used in surgical or interventional procedures. The invention also comprises a valve conduit with first and second fixed ends and a rotatable member positioned between the first and second ends.

No. of Pages: 30 No. of Claims: 58

(21) Application No.5646/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PHACOEMULSIFICATION HAND PIECE WITH INTEGRATED ASPIRATION PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/142 :12/633,363 :08/12/2009 :U.S.A. :PCT/US2010/058931 :03/12/2010 :WO 2011/071775 A1 :NA :NA	1)SORENSEN, GARY P.
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(57) Abstract:

An ophthalmic surgical hand piece comprises a driver coupled to a horn. The horn is coupled to a needle. An aspi¬ration pump is integral with the hand piece and is located close to the needle. A rigid length of aspiration line is located between the aspiration pump and the needle. An optional pressure sensor is located between the aspiration pump and the needle as well.

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

(21) Application No.5648/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: PRODRUGS OF INHIBITORS OF PLASMA KALLIKREIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:17/12/2010 :WO 2011/075684 A1 :NA :NA	(71)Name of Applicant: 1)ACTIVESITE PHARMA CEUTICALS, INC. Address of Applicant: 187 MAGELLAN AVENUE, SAN FRANCISCO, CALIFORNIA 94116 U.S.A. (72)Name of Inventor: 1)SINHA, SUKANTO 2)CHILCOTE, TAMIE JO
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides prodrugs of com-pounds that inhibit the activity of plasma kallikrein (PK) and meth-ods of preventing and treating plasma kallikrein dependent diseases or conditions, for example, diabetic macular edema, with the prodrugs having the formula (I).

No. of Pages: 55 No. of Claims: 43

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: S-ADENOSYL-L-METHIONINE-CONTAINING DRY YEAST COMPOSITION WITH EXCELLENT STORAGE STABILITY AND PROCESS FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:05/04/2011 : NA :NA	(71)Name of Applicant: 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant: 5-2 Marunouchi 2-chome Chiyoda-ku Tokyo 1008324 Japan (72)Name of Inventor: 1)TAKANO Kentarou 2)GAYAMA Shinyo
\ /	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dry yeast composition which includes 5-adenosyl-L-methionine and a thickener and has excellent storage stability. A thickener is added to a yeast cell concentrate obtained by culturing yeast which has SAMe-producing ability and collecting the cells and the resultant mixture is dried. Thus a dry yeast containing a high concentration of 5-adenosyl-L-methionine which has excellent storage stability and excellent bioabsorbability can be easily and profitably produced. It is hence possible to supply a market with a dry yeast composition that contains a high concentration of 5-adenosyl-L-methionine which is useful as a water-soluble physiologically active substance and that has excellent storage stability and bioabsorbability.

No. of Pages: 20 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.8512/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention : FILLER FOR SYNTHETIC RESIN SYNTHETIC RESIN COMPOSITION MANUFACTURING METHOD THEREFOR AND MOLDED OBJECT MADE THEREFROM

(51) International classification	:C08K3/26	(71)Name of Applicant :
(31) Priority Document No	:2010-051372	1)KYOWA CHEMICAL INDUSTRY CO. LTD.
(32) Priority Date	:09/03/2010	Address of Applicant :305 Yashimanishimachi Takamatsu-
(33) Name of priority country	:Japan	shi Kagawa 7610113 Japan
(86) International Application No	:PCT/JP2011/053239	(72)Name of Inventor:
Filing Date	:16/02/2011	1)Yoshihito Iwamoto
(87) International Publication No	: NA	2)Kenichi Kobashi
(61) Patent of Addition to Application	:NA	3)Daisuke Kudo
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

The present invention relates to a filler for inhibiting foaming caused due to CO2, which comprises hydrotalcite compound particles and calcium hydroxide particles and/or magnesium hydroxide particles, the use of the filler in a synthetic resin, and a shaped article formed therefrom, more particularly to a filler for inhibiting foaming, which is obtained by incorporating, into hydrotalcite compound particles represented by the following chemical structural formula (1): [(Mg2+)y(M12+)(1-y)] 1-xM3+x(OH)2CO32-.mH2O (Formula 1) (wherein M12+ represents a bivalent metal, M3+ represents at least one trivalent metal, and x, y, and m represent valences satisfying the relationships: 0 < x < 0.5, 0 < m < 2, and 0 < y < 1), calcium hydroxide particles and/or magnesium hydroxide particles of that the (calcium hydroxide particles and/or magnesium hydroxide particles):(hydrotalcite compound particles) ratio becomes 2:8 to 9:1, a resin composition having the filler incorporated thereinto and causing no foaming problem, and a shaped article formed therefrom.

No. of Pages: 42 No. of Claims: 29

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MEASURING DEVICE AND METHOD FOR MEASURING THE FLOW RATE OF A MEDIUM FLOWING THROUGH A MEASURING TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:10161420.4 :29/04/2010 :EPO	(71)Name of Applicant: 1)ZYLUM BETEILIGUNGSGESELLSCHAFT MBH & CO. PATENTE II KG Address of Applicant: Berliner Strasse 1 12529 Schnefeld /Waltersdorf Germany (72)Name of Inventor: 1)GERD STANGE
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a measuring device (1) for measuring the flow rate of a medium (5) flowing through a measuring tube (3). The measuring device (1) comprises means for generating a constant magnetic field (B) perpendicular to the flow direction (v) of the medium (5) at least two decoupling regions (7 7) which are disposed in a plane (E) perpendicular to the flow direction (v) of the medium (5) on the wall (9) of the measuring tube (3) wherein each decoupling region (7 7) comprises an electrode (13 13) which has a non-metal porous layer (11) on the side facing the medium (5) and a measuring unit (19) for detecting a measurement signal. The measuring device (1) is characterized in that the porous layer (11 11) comprises an oxidic and/or non-oxidic ceramic material.

No. of Pages: 17 No. of Claims: 16

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A SYSTEM AND METHOD FOR MEASURING A COLOUR VALUE OF A TARGET

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:2010900944	1)AUTECH RESEARCH PTY LTD.
(32) Priority Date	:06/03/2010	Address of Applicant :75 Cameron StreetCivic Square
(33) Name of priority country	:Australia	Launceston Tasmania 7250 Australia
(86) International Application No	:PCT/AU2011/000249	(72)Name of Inventor:
Filing Date	:04/03/2011	1)REX HESLINE
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for measuring a colour value of a target comprising a mobile communication device having a camera with a sensor arranged to detect wavelengths of incident light reflected from an illuminated target. The mobile communication device also has a processor arranged to measure a colour value of the target based on the detected wavelengths received from the sensor and to output the measured colour value of the target for display on a display of the mobile communication device.

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

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD OF ALTERING THE DIFFERENTIATIVE STATE OF A CELL AND COMPOSITIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12N5/0735 :61/317,650 :25/03/2010 :U.S.A. :PCT/US2011/029269 :21/03/2011 : NA :NA	(71)Name of Applicant: 1)INTERNATIONAL STEM CELL CORPORATION Address of Applicant: 2595 Jason Court Oceanside CA 92056 United States of America (72)Name of Inventor: 1)CHRISTIANSEN-WEBER Trudy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a method of altering the differentiative stale of cells utilizing innovative protein expression constructs encoding transcription factors. The methods and compositions described herein may be used to generate induced pluripotent stem (iPS) cells as well as differentiate trans differentiate or dedifferentiate cells of various epigenetic status. The method includes introduction of a nucleic acid construct or expression product thereof into a cell and culture of the cell under culture conditions that efficiently converts the cell into a pluripotent cell enhances the retention of the pluripotent state or efficiently converts the cell into a cell of a cell lineage corresponding to endoderm mesoderm or ectoderm.

No. of Pages: 48 No. of Claims: 53

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: UE BASED CONDITIONAL ENABLING OF ULTD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	.1 \$ \tau\$	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MOHANTY Bibhu Prasad 2)SAMBHWANI Sharad Deepak 3)ZHANG Chengjin 4)FILIPOVIC Daniel Fred 5)AGARWAL Ravi 6)HOU Jilei 7)KAPOOR Rohit
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(57) Abstract:

In a communication system user equipment (UE) conditionally performs uplink transmit diversity (ULTD) either by Switched Antenna Transmit Diversity (SATD) or Beamforming Transmit Diversity (BFTD) using a first antenna and a second antenna. Either a serving node or the UE determines that uplink transmit diversity is conditionally authorized. Either a serving node or the UE measures a value. The UE transmits using ULTD in response to determining that an enabling condition based on the value is satisfied. The UE can also disable uplink transmit diversity in response to determining that a disabling condition based on the value is satisfied. The disabling condition comprises a disabling threshold that equals the enabling condition comprising an enabling threshold with a threshold adjustment for hysteresis.

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

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : CONTROLLING THE NORMAL:ISO ALDEHYDE RATIO IN A MIXED LIGAND HYDROFORMYLATION PROCESS BY CONTROLLING THE OLEFIN PARTIAL PRESSURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/12/2010 :WO 2011/087696 A1 :NA :NA	(71)Name of Applicant: 1)DOW TECHNOLOGY INVESTMENTS LLC Address of Applicant: 2020 DOW CENTER, MIDLAND, MICHIGAN 48674 U.S.A. (72)Name of Inventor: 1)EISENSCHMID, THOMAS, C. 2)SAWREY, JEFFREY, S. 3)MILLER, GLENN, A. 4)BRAMMER, MICHAEL, A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Control of an in-series, multiple, e.g., two, reaction zone, hydrofonnylation process for producing normal (N) and iso (I) aldehydes at a N:I ratio, the process comprising contacting an olefinically unsaturated compound, e.g., propylene, with carbon monoxide, hydrogen and a catalyst comprising (A) a transition metal, e.g., rhodium, (B) an organobisphosphite, and (C) an organomonophosphite ligand, the contacting conducted in first and subsequent reaction zones and at hydrofonnylation conditions comprising an olefinically unsaturated compound partial pressure in each zone, the control exercised by decreasing the olefinically unsaturated compound partial pressure in the first reaction zone to decrease the N:I ratio or increasing the olefinically unsaturated compound partial pressure in the first reaction zone to increase the N:I ratio.

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

(22) Date of filing of Application :27/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: NECKTIE PERSONAL-EXTENDER/ENVIRONMENT-INTEGRATOR AND METHOD FOR SUPER-AUGMENTING A PERSONA TO MANIFEST A PAN-ENVIRONMENT SUPER-CYBORG FOR GLOBAL GOVEERNANCE

(51) International classification	:G06F3/00	(71)Name of Applicant:
(31) Priority Document No	:61/290,104	1)MOTUPALLI, CALEB SURESH
(32) Priority Date	:24/12/2009	Address of Applicant :29-37-31 ELURU RD, VIJAYAWADA
(33) Name of priority country	:U.S.A.	- 520 002 Andhra Pradesh India
(86) International Application No	:PCT/IN2010/000669	(72)Name of Inventor:
Filing Date	:08/10/2010	1)MOTUPALLI, CALEB SURESH
(87) International Publication No	:WO/2011/077445	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A144.		

(57) Abstract:

The present invention discloses a system and method for a morphological solution to the macroscopic problem of n-entropy (i.e. loss of control / information) of the prevailing global anarchy by super-augmenting a persona to manifest a pan-environment super-cyborg for global governance. Through a Christocratic Necked Service Oriented Architecture (CNSOA) model, the method of said system, categorizes the world people into two spaces, Bridespace and Christocratic-space. Each member or citizen of Bridespace and consenting Christocratic space is incorporated with Bridal Wedding Garments, namely holy goods & services & Necktie imitating Personal-Extender that includes a data processing device connected to a global network. Each members Persona and proximity Meatspace are augmented by recasting the metaphoric environment of the data processor (network-is-the-supercomputer) as a Necktie Personal-Extender/Environment-Integrator. The ultimate objective of this invention is to provide a viable regulatory system for global governance to bring justice, peace and wealth for rightful people. With the Necktie Personal-Extender/Environment-Integrator that extends man into both space and time (eternal life) to solve all his problems, it is asserted that a union with the divine is achievable for all of mankind.

No. of Pages: 35 No. of Claims: 13

(22) Date of filing of Application :16/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: POTASH AND ZINC MOBILIZING LIQUID INOCULANTS BACTERIAL FORMULATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12N :NA :NA :NA	(71)Name of Applicant: 1)SIVASHAKTHI BIO PLANTTEC LTD Address of Applicant: H. NO.7-1-621/98-621/34, 3RD ELOOP, ORD, TO AVIS BANK, S.R. NAGAR, HYDERARAD
(86) International Application No Filing Date	:NA :NA	FLOOR. OPP. TO AXIS BANK, S.R. NAGAR, HYDERABAD-500 038. Andhra Pradesh India (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	1)DR. KAVALI SITARANMAIAH 2)JAGARLAMUDI CHANDRASEKHAR 3)PELAPUDI PITCHAIAH CHOWDARY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The liquid formulation and commercial production of Potassium and Zinc solubilizing bacterial consortium of Fraturia aurantia and ZSB (Bacillus spp) together in a single base medium is a first of its kind. This invention requires the integration of physical, chemical and biological parameters leading to both high target organisms populations and long term survival of the organisms over time at less than optimum conditions. To achieve all this, all the raw materials processing and bacteriological needs must be addressed and quality products developed with in narrow budgetary constraints.

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

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR THE GENERATION OF A LASER BEAM WITH DIFFERENT BEAM PROFILE CHARACTERISTICS BY MEANS OF A MULTI-CLAD FIBRE

(51) International classification	:G02B6/28	(71)Name of Applicant :
(31) Priority Document No	:10 2010 003 750.8	1)TRUMPF LASER- UND SYSTEMTECHNIK GMBH
(32) Priority Date	:08/04/2010	Address of Applicant :Johann-Maus-Strae 2 D-71254
(33) Name of priority country	:Germany	Ditzingen Germany
(86) International Application No	:PCT/EP2011/055484	(72)Name of Inventor:
Filing Date	:08/04/2011	1)HUBER Rudolf
(87) International Publication No	: NA	2)ANDREASCH Wolfgang
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		<u>'</u>

(57) Abstract:

The invention concerns a method for generating a laser beam (3) with different beam profile characteristics whereby a laser beam (2) is coupled into one fibre end (1a) of a multi-clad fibre (1) in particular a double-clad fibre and emitted from the other fibre end (1b) of the multi-clad fibre (1) and whereby to generate different beam profile characteristics of the output laser beam (3) the input laser beam (2) is electively coupled either at least into the inner fibre core (4) of the multi-clad fibre (1) or at least into at least one outer ring core (6) of the multi-clad fibre (1) as well as a corresponding arrangement (10).

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

(21) Application No.5661/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: MICROBIAL DETECTION ARTICLE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	n:G01N33/52,C12M1/16,C12Q1/04 :61/291,245 :30/12/2009 :U.S.A. :PCT/US2010/062509 :30/12/2010 :WO 2011/082305 A1 :NA :NA	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M CENTER, POST OFFICE BOX 33427 SAINT PAUL, MINNESOTA 55133-3427 U.S.A. (72)Name of Inventor: 1)MILLER, JESSE, D. 2)MOELLER, STEPHANIE J. 3)HALVERSON, KURT, J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The disclosure provides an article for the detection of a microorganism in a liquid sample. The article comprises a microporous membrane and a barrier layer to selectively regulate the contact between the sample and a detection reagent. A method of use is also provided.

No. of Pages: 38 No. of Claims: 10

(21) Application No.5664/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AC MOTOR DRIVE CONTROL DEVICE

(51) International classification	:H02P27/06,B60L3/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MITSUBISHI ELECTRIC CORPORATION
(32) Priority Date	:NA	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-8310 Japan
(86) International Application No	:PCT/JP2009/071758	(72)Name of Inventor:
Filing Date	:28/12/2009	1)TSUKIMA, MITSURU
(87) International Publication No	:WO 2011/080823 A1	2)KITANAKA, HIDETOSHI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An AC motor drive control device including: an inverter (INV), having a plurality of switching elements subjected to on-off control, for converting a DC voltage to an AC voltage with a desired frequency to drive an AC motor (6); a motor opening contactor (MMK) connected between the inverter (INV) and the AC motor (6); a switching operation beforehand detection unit (55) for detecting a switching operation of the motor opening contactor (MMK) prior to the contact or detach of main contacts and outputting a switching operation beforehand detection signal; and a control unit (IOA) having an inverter control unit (70) for performing the on-off control for the plurality of switching elements and switching control for the motor opening contactor (MMK), and controlling the inverter (INV) based on the switching operation beforehand detection signal.

No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NITROGEN-CONTAINING HETEROCYCLIC COMPOUND AND AGRICULTURAL FUNGICIDE

(51) International classification :C07D215/14,A01N43/42,A01N55/00

(31) Priority Document No :2010-000194 (32) Priority Date :04/01/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2010/073683

Application No Filing Date :28/12/2010

(87) International :WO 2011/081174 A1

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

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

(71)Name of Applicant : 1)NIPPON SODA CO., LTD.

Address of Applicant :2-1, OHTEMACHI 2-CHOME,

CHIYODA-KU, TOKYO 100-8165 Japan

(72)Name of Inventor:

1)KOTARO SHIBAYAMA

2)JUN INAGAKI 3)YUTO SAIKI 4)AKIRA MITANI 5)RAITO KUWAHARA 6)MOTOAKI SATO

7)SATOSHI NISHIMURA

8)MAMI KUBOKI

(57) Abstract:

Provided is an agricultural fungicide that contains at least one selected from the group consisting of a novel nitrogen-containing heterocyclic compound represented by Formula (I), a salt thereof, or an N-oxide compound thereof In Formula (I), R represents a group represented by CRR1R1 or a cyano group. R to R1 each independently represents a hydrogen atom, an unsubstituted or substituted Ci.g alkyl group, an unsubstituted or substituted hydroxyl group, or the like. R4 or R5 represents a halogeno group or the like. Y or Z represents a carbon atom or the like, and A or D represents a benzene ring or the like. X represents an oxygen atom or a nitrogen atom or the like.

No. of Pages: 137 No. of Claims: 5

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING COILS FROM WIRES

(51) International classification: B29C53/12,B21F3/04,B29C53/84 (71)Name of Applicant:

(31) Priority Document No :10 2009 060 743.9

(32) Priority Date :30/12/2009 (33) Name of priority country

:Germany (86) International Application

:PCT/EP2010/007547

:10/12/2010 Filing Date

(87) International Publication :WO 2011/079903 A1

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

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

1)KARL MAYER TEXTILMASCHINENFABRIK GMBH

Address of Applicant :BRUHLSTRASSE 25, 63179

OBERTSHAUSEN Germany

(72)Name of Inventor:

1)BACHMANN, WOLFGANG

2)JULIEN, MARCEL 3) JULIEN, PASCAL

(57) Abstract:

The invention relates to a method and a device for producing coils (9) with longitudinal sections (9a) and narrow deflection bends (9b) by winding wires (8) on winding mandrels (4) with complementary cross sections with the supply of heating energy and subsequent fixing by cooling. To attain the object to rule out the spring rebounds of the coils (9) at the points of narrowest radii of curvature as far as possible and to produce coils (9) with high precision with high efficiency, it is proposed according to the invention that the heating energy is brought to act on the coils (9) at least mainly in the region of the narrow deflection bends (9b). This can be carried out by the targeted application of heating gases or hot air, laser radiation, contact heating, plasma radiation and ultrasound.

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

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WIND TURBINE BLADE PROVIDED WITH A SLAT ASSEMBLY

(51) International alegainstica	:F03D1/06	(71)Nome of Amplicant.
(51) International classification	.F03D1/06	(71)Name of Applicant:
(31) Priority Document No	:10161196.0	1)LM GLASFIBER A/S
(32) Priority Date	:27/04/2010	Address of Applicant :Jupitervej 6 DK-6000 Kolding
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2011/056633	(72)Name of Inventor:
Filing Date	:27/04/2011	1)LUND Brian
(87) International Publication No	: NA	2)J%R%MIASZ Jean-Guillaume
(61) Patent of Addition to Application	:NA	3)JENSEN Lars Erik
Number		4)NIELSEN Martin
Filing Date	:NA	5)ANWAR Mohammed Mehraj
e e	.NTA	
(62) Divisional to Application Number	:NA	6)RADHAKRISHNAN Sreeram Kottumuklu
Filing Date	:NA	

(57) Abstract:

The present invention relates to a wind turbine blade for a rotor of a wind turbine having a substantially horizontal rotor shaft the rotor comprising a hub from which the blade ex-tends in a substantially radial direction when mounted to the hub. The wind turbine blade comprises a profiled contour defining a leading edge and a trailing edge a pressure side and a suction side connecting the leading edge and the trailing edge the profiled contour generating a lift when being impacted by an incident airflow and a slat assembly located on the blade the slat assembly comprising a slat device being supported by a support de-vice positioning the slat device in a distance from the surface of the blade.

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

(21) Application No.8561/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COPOLYMER LATEX FOR ADHESIVES

(57) Abstract:

A copolymer latex for adhesives contains a latex particle including a first phase and a second phase wherein at least a portion of the first phase is covered with the second phase; the first phase is obtained by emulsion polymerization of a first phase monomer composition including 10 to 45 wt% of a butadiene monomer 0 to 5 wt% of a vinylpyridine monomer and 55 to 90 wt% of a styrene monomer; and the second phase is obtained by emulsion polymerization of a second phase monomer composition including 50 to 90 wt% of a butadiene monomer 10 to 30 wt% of a vinylpyridine monomer and 0 to 40 wt% of a styrene monomer.

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

(22) Date of filing of Application :06/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BACK-MOUNT GANGED ELECTRICAL OUTLETS

(51) International classification	:H01R25/00	(71)Name of Applicant :
(31) Priority Document No	:12/720,085	1)AMERICAN POWER CONVERSION CORPORATION
(32) Priority Date	:09/03/2010	Address of Applicant :132 Fairgrounds Road West Kingston
(33) Name of priority country	:U.S.A.	RI 02892 United States of America
(86) International Application No	:PCT/US2011/027582	(72)Name of Inventor:
Filing Date	:08/03/2011	1)JIANG Yuchun
(87) International Publication No	: NA	2)JANSMA Michael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electrical ganged-outlet apparatus (100) includes a unitary outlet body (120) including a plurality of electrical outlets (112) and a back surface. Each of the electrical outlets (112) has at least a first (314) and a second (316) receptacle contact element and a line terminal (320). The line terminal (320) is electrically connected to the first receptacle contact element (314) and extends from the back surface. The outlet body (120) has at least one neutral bus bar (322) disposed against the back surface and the neutral bus bar (322) is electrically connected to the second receptacle contact element (316).

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

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : GAME SYSTEM METHOD FOR CONTROLLING GAME SYSTEM AND PROGRAM FOR GAME SYSTEM DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A63F13/00 :2010-058506 :15/03/2010 :Japan :PCT/JP2011/056040 :15/03/2011 : NA	(71)Name of Applicant: 1)KONAMI DIGITAL ENTERTAINMENT CO. LTD. Address of Applicant: 7-2 Akasaka 9-chome Minato-ku Tokyo 1078324 Japan (72)Name of Inventor: 1)TAKAYUKI ISHIKAWA
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a game system which causes a player to be aware of an operation position during operation. An operation performed by the player is evaluated according to a degree of concordance between timings and a degree of concordance between positions, and a result of evaluation thus made is reflected in proceedings of the game. Accordingly, the player is aware of not only matching timings of operating operation portions with operation timings but also matching positions for operating the operation portions with operation positions constituted from a plurality of regions. The difficulty level of the game is therefore increased. Consequently, interest of the player in the game may be prevented from being lost.

No. of Pages: 100 No. of Claims: 14

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMOSTABLE PHYTASE VARIANTS

(51) International classification	:C12N9/16	(71)Name of Applicant:
(31) Priority Document No	:10158027.2	1)NOVOZYMES A/S
(32) Priority Date	:26/03/2010	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd
(33) Name of priority country	:EUROPEAN	Denmark
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/054639	1)SKOV Lars Kobberoee
Filing Date	:25/03/2011	2)DE MARIA Leonardo
(87) International Publication No	: NA	3)MATSUI Tomoko
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for producing phytase variants which has at least 74% identity to a phytase derived from Citrobacter braakii and comprises at least two additional disulfide bonds as compared to this phytase. These phytase variants have modified preferably improved properties such as thermostability temperature profile pH profile specific activity performance in animal feed reduced protease sensitiliby and/or an modified glycosylation pattern. The invention also relates to the variants produced DNA encoding these phytases methods of their production as well as the use thereof e.g. in animal feed and animal feed additives.

No. of Pages: 88 No. of Claims: 36

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMOSTABLE PHYTASE VARIANTS

(51) Intermedianal alassification	.C12Ni0/16	(71)Nome of Applicant.
(51) International classification	:C12N9/16	(71)Name of Applicant:
(31) Priority Document No	:10158031.4	1)NOVOZYMES A/S
(32) Priority Date	:26/03/2010	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd
(22) Name a familiarity account	:EUROPEAN	Denmark
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/054652	1)DE MARIA Leonardo
Filing Date	:25/03/2011	2)SKOV Lars Kobberoee
(87) International Publication No	: NA	3)SKJOET Michael
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a phytase which has at least 70% identity to a phytase derived from E. coli and comprises at least one modification as compared to this phytase. These phytase variants have modified preferably improved properties such as thermostability temperature profile pH profile specific activity performance in animal feed reduced protease sensitiliby and/or an modified glycosylation pattern. The invention also relates to DNA encoding these phytases methods of their production as well as the use thereof e.g. in animal feed and animal feed additives.

No. of Pages: 61 No. of Claims: 34

1

(21) Application No.5348/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FACILITATING SPONSORSHIP OF GAME-PLAY-BASED ACHIEVEMENTS

(51) International classification	:G06Q30/00,G06Q50/00	(71)Name of Applicant:
(31) Priority Document No	:12/651,120	1)MICROSOFT CORPORATION
(32) Priority Date	:31/12/2009	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052-6399 U.S.A.
(86) International Application No	:PCT/US2010/059596	(72)Name of Inventor:
Filing Date	:09/12/2010	1)SCHIAPPA, DANIEL, SALVATORE
(87) International Publication No	:WO 2011/081818 A3	2)DUNN, MELISSA WOOD
(61) Patent of Addition to Application	:NA	3)WHITE, JASON, SCOTT
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods are provided for utilizing the achievement or the success a gamer has during online game play to unlock offers or coupons sponsored by an advertiser. The value of an offer or coupon may increase based upon the game-play-based achievement attained. By having the variable value, the gamer is incented to play more, which provides additional opportunities for the in-game advertising campaign to be presented. Alternatively, the value of the offer or coupon may remain consistent and the gamer may be permitted to compile multiple offers. Either way, the advertiser is not only permitted the opportunity to showcase its advertisement campaign more but is also provided an avenue for tracking the effectiveness of the advertising campaign by tracking the issuance and redemption of game-play-achievement-based offers or coupons.

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

(22) Date of filing of Application :19/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PHOTOGRAPHIC FLICKER DETECTION AND COMPENSATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N5/217 :61/291,607 :31/12/2009 :U.S.A. :PCT/US2010/059595 :09/12/2010 :WO 2011/081817 A3 :NA :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)GOH, ROY 2)JUENGER, ANDREW 3)HE, YI 4)MILTON, STUART, WILLIAM
` /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

One disclosed embodiment includes detecting flicker in a photographic setting by introducing a camera into the setting so that light is incident upon the camera. A plurality of samples are captured from a light detector circuit of the camera, each of which is dependent upon intensity of light incident upon the camera. The method further includes processing the samples to identify whether the incident light is varying in intensity at one or more pre-selected frequencies. The processing may include multiplying the samples with one or more periodic signals to generate scalar product outputs, and analyzing the scalar product outputs to ascertain the presence of periodic flicker.

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

(22) Date of filing of Application :19/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FAULT TOLERANT AND SCALABLE LOAD DISTRIBUTION OF RESOURCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:24/11/2010 :WO 2011/087584 A3 :NA	(71)Name of Applicant: 1)MIICROSOFT CORPORATION Address of Applicant: ONE MICROSOFT WAY, REDMOND, WASHIGTON 98052-6399 U.S.A. (72)Name of Inventor: 1)ANANTHANARAYANAN, KRISHNAN 2)COX, SHAUN D. 3)EYDELMAN, VADIM 4)NARAYANAN, SANKARAN
(61) Patent of Addition to Application		3)EYDELMAN, VADIM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A resource is located on a server using a distributed resource algorithm that is executing on each server within a cluster of servers. A request for a resource is received at a server in the cluster. The server executes the distributed resource algorithm to determine the server that owns the requested resource. The distributed resource algorithm automatically adapts itself to servers being added or removed within the cluster and is directed at evenly distributing resources across the available servers within the cluster.

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

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EXHAUST SYSTEM FOR AIR-COOLED FUEL CELL VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60K 13/04 :2010-122579 :28/05/2010 :Japan :PCT/JP2011/061833 :24/05/2011 : NA :NA :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)Ryuji OHTSUKA 2)Yoshimasa MATSUMOTO 3)Tohru OHTA 4)Kengo IKEYA
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(57) Abstract:

In an exhaust apparatus of an air-cooled fuel cell vehicle, the exhaust apparatus has an exhaust duct, which guides, to the outside of the vehicle, hydrogen and air discharged without being consumed in an air-cooled fuel cell stack, is composed of a lower side exhaust duct and an upper side exhaust duct which are branched vertically, and in that the lower side exhaust duct is extended toward the lower side of the vehicle from an exhaust outlet portion of the aircooled fuel cell stack, and the downstream end portion of the lower side exhaust duct is opened at a lower portion of the front compartment, while the upper side exhaust duct is extended toward the upper side of the vehicle from an upper portion of an outer wall of the lower side exhaust duct, the outer wall extending toward the lower side of the vehicle, and the downstream end portion of the upper side exhaust duct is opened between the rear end portion of the front hood and the front end portion of the front window.

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

(21) Application No.8418/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR GENERATING AND REPRODUCING ADAPTIVE STREAM BASED ON FILE FORMAT AND RECORDING MEDIUM THEREOF

A method and an apparatus for generating and reproducing an adaptive stream based on a file format is disclosed. The method includes receiving one or more segments each of which includes a manifest box a moov box and a media data box from a server and analyzing the manifest box the mooy box and the media data box; and decoding and reproducing the one or more segments based on a result of analyzing of the manifest box moov box and media data box wherein the manifest box moov box and media data box are included in a single file.

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

(22) Date of filing of Application :02/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLID MILK AND THE METHOD OF MANUFACTURING THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)MEIJI Co. Ltd. Address of Applicant:1-2-10 Shinsuna Koto-ku Tokyo 1360075 Japan (72)Name of Inventor: 1)SHIBATA Mitsuho 2)OHTSUBO Kazumitsu 3)SATAKE Yoshinori 4)KASHIWAGI Kazunori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] The object of invention is to provide solid milk with favorable solubility and enough strength and the method of manufacturing the solid milk. [Means] The solid milk of the invention has X-ray diffraction pattern of its surface area that has a main peak of $2\theta = 10 - 15^{\circ}$ at $2\theta = 10 - 11^{\circ}$ or at $2\theta = 12 - 13^{\circ}$. A method for the manufacture of solid milk comprises compressing powdered milk to obtain compressed powdered milk; humidifying the compressed powdered milk to obtain humidified compressed powdered milk; and drying the humidified compressed powdered milk to obtain the solid milk. A part of amorphous lactose at the surface of the solid milk 12 is crystallized at the steps of humidifying step and drying.

No. of Pages: 51 No. of Claims: 23

(22) Date of filing of Application :03/10/2012 (4.

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD OF ASSESSING FRACTURES FRACTURE ASSESSMENT DEVICE PROGRAM AND COMPUTER READABLE RECORDING MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N3/00, B21D22/00 :2010-088269 :07/04/2010 :Japan :PCT/JP2011/058739 :06/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL CORPORATION Address of Applicant:6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 1008071 Japan (72)Name of Inventor: 1)SHUNJI HIWATASHI 2)SHIGERU YONEMURA
Filing Date	:NA	

(57) Abstract:

A fracture determination method for determining a fracture of a metal structure includes, when a fracture determination target portion has returned from a plastic state to an elastic state, given that a stress when the portion returned to the elastic state is $(x, y) (\sigma 2, \sigma 1)$ (maximum principal stress: $(\sigma 1, minimum principal stress: \sigma 2)$ on a (x, y) coordinate plane, performing fracture determination of the fracture determination target portion using a re-yield stress R determined by the intersection between a straight line satisfying a relation $y = (\sigma 1/(\sigma 2)x)$ and an yield curve obtained from the plastic state of the fracture determination target portion. Fracture determination can be performed with high accuracy even when the fracture determination target portion has returned from a plastic state to an elastic state.

No. of Pages: 66 No. of Claims: 7

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SINTERED MAGNET AND METHOD FOR PRODUCING THE SINTERED MAGNET

(51) International classification	:H01F1/11	(71)Name of Applicant :
(31) Priority Document No	:2010-082526	1)TDK Corporation
(32) Priority Date	:31/03/2010	Address of Applicant :1-13-1 Nihonbashi Chuo-ku Tokyo
(33) Name of priority country	:Japan	103-8272 Japan
(86) International Application No	1	(72)Name of Inventor:
Filing Date	:31/03/2011	1)MORITA Hiroyuki
(87) International Publication No	: NA	2)MINACHI Yoshihiko
(61) Patent of Addition to Application		3)MORI Takahiro
Number	:NA	4)KATO Tatsuya
Filing Date	:NA	5)SUTO Nobuhiro
(62) Divisional to Application Number	:NA	6)OJI Naoto
Filing Date	:NA	.,

(57) Abstract:

The present invention aims to ensure strength of a thin-walled sintered magnet. A sintered magnet 1 is a ferrite sintered magnet made by sintering a magnetic material. A magnetic powder mixture obtained by mixing magnetic powder with a binder resin is injection-molded into a mold with a magnetic field applied thereto to produce a molded body which is then sintered to produce the sintered magnet 1. The sintered magnet 1 has a thickness of 3.5 mm or less in the position of center of gravity thereof. The sintered magnet 1 has a surface roughness Rz of $0.1~\mu m$ or more and $2.5~\mu m$ or less. The surface roughness Rz is a 10 point average roughness.

No. of Pages: 43 No. of Claims: 3

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR REPORTING AUDIENCE MEASUREMENT IN CONTENT TRANSMISSION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W24/10 :10-2010-0022523 :12/03/2010 :Republic of Korea :PCT/KR2011/001733 :11/03/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea (72)Name of Inventor: 1)Sung-Oh HWANG 2)Sergey Nikolayevich SELEZNEV
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(57) Abstract:

A method and apparatus for reporting a consumption time of a service or content in Audience Measurement (AM) which measures a user consumption pattern of the service or the content is provided. A method for reporting a consumption time of the service or the content in a terminal of a content transmission system includes receiving an encryption key for encrypting the service or the content from a broadcasting server and transmitting a message requesting interpretation of the encryption key to a smart card. The message includes consumption time information of the service or the content.

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

(21) Application No.8603/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ANTIMICROBIAL SILICA COMPOSITES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:25/03/2011 : NA :NA	(71)Name of Applicant: 1)J.M. HUBER CORPORATION Address of Applicant: 3100 Cumberland Blvd Suite 600 Atlanta Georgia 30339 United States of America (72)Name of Inventor: 1)DARSILLO Michael S. 2)SINCLAIR Fitzgerald
(61) Patent of Addition to Application		2)SINCLAIR Fitzgerald
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The composites disclosed herein comprise silica and an antimicrobial metal oxide. The composites are useful in inhibiting microbial growth and are therefore useful in a variety of applications including for example as components in dentifrice compositions.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GASTRO-RESISTANT ENZYME PHARMACEUTICAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/20 :61/315,814 :19/03/2010 :U.S.A. :PCT/IB2011/000579 :18/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)APTALIS PHARMA CANADA INC. Address of Applicant:597 Laurier Boulevard Mont-Saint-Hilaire Quebec J3H 6CH Canada. (72)Name of Inventor: 1)Mircea Alexandru MATEESCU 2)Ingry Janet BUSTOS 3)Yves DUMOULIN 4)Pompilia Ispas SZABO
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(57) Abstract:

The present invention generally relates to compacted pharmaceutical compositions (such as tablets) comprising one or more enzymes where the composition is monolithic or multiparticulates (such as mini-tablets micro-tablets or prills) or where the composition has multiple layers with the outermost layer containing one or more enzymes.

No. of Pages: 40 No. of Claims: 49

(21) Application No.8605/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AC-TO-DC CONVERSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:18/03/2011 : NA	(71)Name of Applicant: 1)AMERICAN POWER CONVERSION CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 United States of America (72)Name of Inventor: 1)PYBOYINA Prasad 2)INGEMI Michael J.
Filing Date	:18/03/2011	1)PYBOYINA Prasad
	: NA :NA	1 '
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A front-end converter in an uninterruptible power supply system includes: a boost circuit having first and second inputs and positive negative and neutral output nodes and being configured to provide a positive capacitor voltage between the positive and neutral nodes and to provide a negative capacitor voltage between the negative and neutral nodes; an inductor coupled to the first input; first AC and neutral AC inputs to receive AC power; a battery; a first device to selectively couple the inductor to the first AC input or a positive port of the battery; and a second device to selectively couple a negative port of the battery to the second input; where the inductor is shared between an online mode of the converter and an on-battery mode of the converter and the battery is coupled through the inductor to the first input during the on-battery mode.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : BETA-PROPIOLACTONE FOR INACTIVATION OF VIRUSES IN PHARMACEUTICAL PANCREATIC ENZYME PREPARATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C12N9/14 :61/315,813 :19/03/2010 :U.S.A. :PCT/IB2011/000580	(71)Name of Applicant: 1)APTALIS PHARMA CANADA INC. Address of Applicant: 597 Laurier Boulevard Mont-Saint-Hilaire Quebec J3H 6C4 Canada. (72)Name of Inventor:
Filing Date	:18/03/2011	1)Peter TIJSSEN
(87) International Publication No	: NA	2)Jozsef SZELEI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The present invention provides for pharmaceutical compositions comprising pancreatic enzyme preparations (PEPs) with viral infectivity reduced below significant levels and having high enzymatic activity. The PEPs can comprise lipases proteases amylases non-enveloped viruses (e.g. porcine parvovirus (PPV) porcine circovirus type 2 (PCV-2) porcine encephalomyocarditis virus (EMCV)) and enveloped viruses (e.g. vesicular stomatitis virus (VSV) and influenza A (IFA)). The present invention also includes methods of treating pancreatic insufficiency by administering these pharmaceutical compositions and methods of making the same by treating the PEP with beta-propiolactone (BPL) to reduce viral infectivity.

No. of Pages: 42 No. of Claims: 32

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)HDT INC. Address of Applicant: 38-17 Hirokotsubo 1-chome Kure-shi Hiroshima 7370137 Japan (72)Name of Inventor: 1)Masaya OKITA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

It is intended to provide a field sequential color display device capable of reducing the problem of saccadic color breakup. The color display device represents color images by depicting data of respective color images with a monochromatic display element in synchronism with sequential on-off switching to three color light sources of red green and blue. Each display frame which is the minimum cycle of sequential on-off switching of red green and blue light sources to display any given color image includes a red color field for displaying data of a red color image a green color field for displaying data of a blue color image. In each green color field at least the red light source or the blue light source is turned on and off in addition to the green light source.

No. of Pages: 29 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :09/10/2012

(21) Application No.8620/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: MOVING IMAGE PREDICTION ENCODING DEVICE MOVING IMAGE PREDICTION ENCODING METHOD MOVING IMAGE PREDICTION ENCODING PROGRAM MOVING IMAGE PREDICTION DECODING DEVICE MOVING IMAGE PREDICTION DECODING METHOD AND MOVING IMAGE PREDICTION DECODING PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N7/32 :2010-061337 :17/03/2010 :Japan :PCT/JP2011/055915 :14/03/2011 : NA :NA	(71)Name of Applicant: 1)NTT DOCOMO INC Address of Applicant:11-1 Nagatacho 2-chome Chiyoda-ku Tokyo 1006150 Japan (72)Name of Inventor: 1)CHOONG SENG BOON 2)YOSHINORI SUZUKI 3)AKIRA FUJIBAYASHI 4)THIOW KENG TAN
Number		1 '
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A video predictive encoding device is provided with an encoding device which encodes each of a plurality of input pictures to generate compressed picture data including a. random access picture, and which encodes data about display order information of each picture; a restoration device which decodes the compressed picture data to restore a reproduced picture; a picture storage device which stores the reproduced picture as a reference picture; and a memory management device which controls the picture storage device. Following completion of an encoding process of generating the random access picture, the memory management device refreshes the picture storage device by setting every reference picture in the picture storage device, except for the random access picture, as unnecessary immediately before or immediately after encoding a picture with display order information larger than the display order information of the random access picture.

No. of Pages: 68 No. of Claims: 14

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CIR-BASED AND SSC-BASED FTL/TTL/CHANNEL ESTIMATION

(51) International classification	:H04L25/02	(71)Name of Applicant :
(31) Priority Document No	:12/778,861	1)QUALCOMM Incorporated
(32) Priority Date	:12/05/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/036319	U.S.A.
Filing Date	:12/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)LUO Tao
(61) Patent of Addition to Application	:NA	2)WEI Yongbin
Number	:NA	3)KIM Byoung-Hoon
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems are disclosed for channel estimation and frequency tracking in mobile communication systems. Particularly various ways of using the time domain impulse channel response based on the staggered frequency domain pilot tones are presented that enable rapid frequency error estimation and frequency tracking control. A mathematical model is developed that provides a convenient metric for evaluating tolerable frequency error as well as modes for switching between CIR-based and SSC-based frequency tracking.

No. of Pages: 57 No. of Claims: 42

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REMINDER PROGRAMMING DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F19/00 :10159523.9 :09/04/2010 :EPO :PCT/EP2011/055562 :08/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)Novo Nordisk A/S Address of Applicant: Novo All 2880 Bagsv rd Denmark (72)Name of Inventor: 1)REIMER S,ren Dybdal
Filing Date	:NA	

(57) Abstract:

An electronically controlled reminder device is adapted to be set in a programming mode by a user perform a user-actuated operation and detect when a user-actuated operation is per-formed. When in programming mode the device is adapted to record and set reminders in accordance with a detected time pattern of operation(s) of the device wherein the program-ming mode is activated for a pre-determined number of operations or for a pre-determined period of time after which the device automatically returns to the operational mode in which it provides reminders to the user based on the recorded time pattern of operations. Thus normal use of the device provides automatic programming of the reminder scheme.

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

(19) INDIA

(22) Date of filing of Application :09/10/2012

(21) Application No.8623/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: RADIO MODEL UPDATING

(51) International classification	:H04W64/00	(71)Name of Applicant :
(31) Priority Document No	:61/320,966	1)QUALCOMM INCORPORATED
(32) Priority Date	:05/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/031162	United States of America
Filing Date	:05/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)GUPTA Rajarshi
(61) Patent of Addition to Application	:NA	2)NAGUIB Ayman F.
Number	:NA	3)AGGARWAL Alok
Filing Date	.IVA	4)DAS Saumitra M.
(62) Divisional to Application Number	:NA	5)SRIDHARA Vinay
Filing Date	:NA	

(57) Abstract:

The subject matter disclosed herein relates to systems methods apparatuses devices articles and means for updating radio models. For certain example implementations a method for one or more server devices may comprise receiving at one or more communication interfaces at least one measurement that corresponds to a position of a first mobile device within an indoor environment. At least one radio model that is stored in one or more memories may be updated based at least in part on the at least one measurement to produce at least one updated radio model. The at least one radio model and the at least one updated radio model may correspond to the indoor environment. The at least one updated radio model may be transmitted to enable a second mobile device to use the at least one updated radio model for positioning within the indoor environment. Other example implementations are described herein.

No. of Pages: 108 No. of Claims: 72

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTEXT DEPENDENT UPDATE IN A SOCIAL NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/08 :12/767,771 :26/04/2010 :U.S.A. :PCT/EP2011/056168 :18/04/2011 : NA	 (71)Name of Applicant: 1)Xiam Technologies Limited
` ' '		
* /		
Č .	:18/04/2011	1)WHALE Peter
(87) 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:

Knowledge of a users profile (contextual and behavioral) can be used to predict the likely current real-time needs of the user. Confirmation of that need can be achieved by suggesting a number of personalized status updates (based on known profile information) in a form suitable for posting to micro-blogging sites. From this list the user selects the most appropriate one to submit to a micro-blog. In doing so valuable profile information is confirmed which allows real-time contextual recommendations to be generated to meet the recently identified need of the user. In one aspect these recommendations comprise revenue generating opportunities.

No. of Pages: 53 No. of Claims: 84

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: OPPOSED PISTON ENGINE WITH NON-COLLINEAR AXES OF TRANSLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02B75/22 :1296/CHE/2011 :15/04/2011 :India :PCT/US2012/033685 :13/04/2012 : NA :NA :NA :NA	(71)Name of Applicant: 1)PINNACLE ENGINES INC. Address of Applicant: 1300 Industrial Road Suite 1A San Carlos California 94070 U.S.A. 2)TVS MOTOR COMPANY LIMITED (72)Name of Inventor: 1)BABU J Vimaladas Viji 2)JACKSON Simon David 3)WILCOX Tony 4)CLEEVES James M. 5)SUBRAMONIAM Chithambaram 6)BABU Yalamuru Ramachandra 7)CHANDRAKANT Harne Vinay
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(57) Abstract:

An opposed piston internal combustion engine can include two opposed pistons (104 110) moving reciprocally along respective axes of translation (202 204) that are not collinear. First and second cylinder bores (502 504) can be inclined to each other at an included angle (a). A combustion volume or chamber (114) can optionally be defined at least in part by crowns (102 106) of the first and second pistons (104 110) reciprocating in the first and second cylinder bores (502 504) respectively. Related methods systems and articles of manufacture are described.

No. of Pages: 46 No. of Claims: 24

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SYSTEM METHOD AND COMPUTER PROGRAM FOR NEGOTIATING ONLINE TRANSACTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q30/00 :61/312,772 :11/03/2010 :U.S.A. :PCT/CA2011/000245 :10/03/2011 : NA	(71)Name of Applicant: 1)TRAVELSURF PRIVATE LIMITED Address of Applicant: Uptown Cyderabad 4th Floor Plot 534 Sri Swamy Ayyappa Co-operative Housing Society Madhapur Hyderabad 500081 Andhra Pradesh India (72)Name of Inventor: 1)BURNEY Jamsheed Hasan
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a system method and computer program for negotiating online transactions. The method includes obtaining a price for an item from one or more sellers. A buyer can make possibly dissimilar offers for one or more of the items. If all offers are less than all the prices for those items the offer is rejected and a seller can negotiate the price for reoffer to the buyer. If the offer is at least as high as one of the prices a transaction is processed between the buyer and a seller. If the offer meets the price of more than one seller the seller to transact with may be determined based on a prioritized list from the buyer.

No. of Pages: 33 No. of Claims: 28

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FUEL DISPENSER PAYMENT SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q20/00 :US61/311376 :07/03/2010 :U.S.A. :PCT/US2011/027377 :07/03/2011 : NA	(71)Name of Applicant: 1)GILBARCO INC. Address of Applicant:7300 West Friendly Avenue Greensboro North Carolina 27410-6232 United States of America (72)Name of Inventor: 1)PARK Steve
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ROBINSON Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for effecting payment transactions comprising a card reader configured to encrypt a first portion of payment card data received by the card reader from a payment card according to a first encryption scheme associated with the financial institution responsible for an account associated with the payment card and to encrypt a second portion of the payment card data according to a second encryption scheme where the first portion is sufficient to identify the payment card or account number and to effect a payment transaction involving the payment card or account and where the second portion is sufficient to identify the financial institution but insufficient to identify the payment card or account number.

No. of Pages: 32 No. of Claims: 22

(21) Application No.8619/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: AUTHENTICATION KEY GENERATION ARRANGEMENT

(51) International classification	:H04W 12/04	(71)Name of Applicant :
(31) Priority Document No	:12/749,015	1)NOKIA CORPORATION
(32) Priority Date	:29/03/2010	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2011/050233	(72)Name of Inventor:
Filing Date	:18/03/2011	1)Heikki Kokkinen
(87) International Publication No	: NA	2)Mika Rinne
(61) Patent of Addition to Application	:NA	3)Pekka Laitinen
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(== \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

(57) Abstract:

Authentication key generation for local area network communication including: participating in communication of a message comprising a cipher suite selection type indicating cellular network compatible cipher suite; and creating cellular network compatible authentication keys according to said cipher suite selection type.

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITE SEMIPERMEABLE MEMBRANE AND METHOD FOR PRODUCING SAME

(51) International :B01D71/56,B01D69/12,B01D71/82

classification (31) Priority Document No :2009-291998

(31) Priority Document No :2009-291998 (32) Priority Date :24/12/2009 (33) Name of priority country:Japan

(86) International :PCT/JP2010/072626

Application No
Filing Date

11 C1/31 2010
16/12/2010

(87) International Publication :WO 2011/078047 A1

No (61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant:

1)TORAY INDUSTRIES, INC.

Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-

CHOME, CHUO-KU, TOKYO 103-8666 Japan

(72)Name of Inventor: 1)SASAKI, TAKAO

2)MITSUHATA, TOMOKO 3)TAKAGI, KENTARO 4)OTOA, KATSUFUMI

(57) Abstract:

A composite semipermeable membrane comprising a porous support membrane on which a separating functional polyamide layer resulting from the polycondensation reaction of polyfunctional aromatic amines with polyfunctional acid halides is formed, wherein the separating functional polyamide layer has carboxy groups, amino groups, phenolic hydroxyl groups, and azo groups, wherein XA, the ratio of the amino groups (molar equivalent of the amino groups / (molar equivalent of the azo groups + molar equivalent of the phenolic hydroxyl groups + molar equivalent of the amino groups)) on a feed water contact surface of the separating functional polyamide layer (an A surface), is in the range 0.5 or less, and XB, the ratio of the amino groups (molar equivalent of the amino groups / (molar equivalent of the azo groups + molar equivalent of the phenolic hydroxyl groups + molar equivalent of the amino groups)) on a permeate-side surface of the separating functional polyamide layer (a B surface), i.e., the opposite side to the A surface, is in the range of 0.5 to 1. The present invention provides a composite semipermeable membrane that achieves a balance between high solute removal properties and a high permeate flow rate and has high organic-solvent resistance, and a method for producing same.

No. of Pages: 48 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.5598/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: VALENCENE SYNTHASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N9/88 :09179499.0 :16/12/2009 :EPO :PCT/NL2010/050848 :15/12/2010 :WO 2011/074954 A3 :NA :NA	(71)Name of Applicant: 1)ISOBIONICS B.V. Address of Applicant: URMONDERBAAN 22, NL-6167 RD GELEEN Netherlands (72)Name of Inventor: 1)ACHKAR, JIHANE 2)SONKE, THEODORUS 3)BEEKWILDER, MARTINUS JULIUS 4)BOUWMEESTER, HENDRIK JAN 5)BOSCH, HENDRIK JAN
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(57) Abstract:

The present invention relates to a novel valencene synthase, to a nucleic acid encoding such valencene synthase, to a host cell comprising said encoding nucleic acid sequence and to a method for preparing valencene, comprising converting farnesyl diphosphate to valencene in the presence of a valencene synthase according to the invention.

No. of Pages: 107 No. of Claims: 26

(21) Application No.8651/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHODS AND APPARATUS FOR PRESERVING BATTERY RESOURCES IN A MOBILE COMMUNICATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Printing Pates 	:26/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino California 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)WANG Shiehlie 2)JUANG Ben-Heng
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and Apparatus for Preserving battery resources in a wireless device in communication with a wireless network by dynamically aligning a RRC connection status of a mobile wireless communication device in communication with a wireless network with a data traffic profile. The data traffic profile indicating a pattern of data transfer between the mobile wireless communication device and the wireless network.

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

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD TO CONTROL MULTIPLE RADIO ACCESS BEARERS IN A WIRELESS DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)SANE Sachin J. 2)SHI Jianxiong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method to control multiple radio access bearers is performed at a mobile wireless communication device when the mobile wireless communication device is connected to a radio network subsystem in a wireless communication network by first and second bidirectional radio access bearers. The mobile wireless communication device transmits a data packet on an uplink of the first bidirectional radio access bearer to the radio network subsystem. When the data packet is not correctly received by the radio network subsystem the mobile wireless communication device retransmits the data packet repeatedly. After N retransmissions of the data packet the mobile wireless communication device releases the first bidirectional radio access bearer while maintaining the second bidirectional radio access bearer. The first bidirectional radio access bearer provides a channel to transport packet switched data and the second bidirectional radio access bearer provides a channel to transport circuit switched data.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR ESTABLISHING AN INTERFACE BETWEEN ACCESS POINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:29/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)HORN Gavin Bernard 2)SONG Osok 3)BAO Gang
Filing Date	:NA	

(57) Abstract:

Methods and apparatuses are provided that facilitate establishing an interface for communications between access points. Where access points operate in a same local or enterprise network an interface can be established via the local or enterprise network instead of (or in addition to) a wireless operator network. A source access point can determine an address over which to request establishment of the interface based at least in part on an identifier of a target access point. In another example target access point can determine an address to provide to the source access point for establishing the interface based at least in part on an identifier of the source access point.

No. of Pages: 67 No. of Claims: 73

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SEARCH EXTENSIBILITY TO THIRD PARTY APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:23/09/2010 : NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino California 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)SCHMIDT Edward T. 2)FREEDMAN Gordon J. 3)PHIPPS Benjamin S. 4)RAHARDJA David
Number		•

(57) Abstract:

At least certain embodiments of the present disclosure include a method to extend search capabilities to third party applications installed on a device. In one embodiment records associated with a third party application are indexed in a process isolated from other third party applications installed on the device using a search plugin specific to the third party application. Furthermore the indexed records can be searched in response to a user search query without invoking the third party application.

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

(19) INDIA

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

(21) Application No.8663/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: CRYSTAL METABOLITE RECOVERY

(51) International classification	:C07K 1/14	(71)Name of Applicant:
(31) Priority Document No	:10158417.5	1)NOVOZYMES A/S
(32) Priority Date	:30/03/2010	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd
(22) 31	:EUROPEAN	Denmark
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/054622	
Filing Date	:25/03/2011	2)GLANVILLE Simon
(87) International Publication No	: NA	3)JAKOBSEN Sune
(61) Patent of Addition to Application		4)KAASGAARD Svend
Number	:NA	1)ARRIS GIRITO STORA
1 (41110 41	:NA	
Filing Date	37.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing a crystalline and/or amorphous metabolite suspension from a cell fermentation broth in a continuous centrifuge process comprising (a) adding at a separate inlet to the centrifuge the fermentation broth comprising the cells and the metabolite of interest wherein the metabolite is partly or wholly on crystalline and/or amorphous form; (b) adding at another inlet to the centrifuge an aqueous liquid comprising a salt and/or a carbohydrate having a higher density than the cells and a lower density than the metabolite of interest in its precipitated form; (c) removing the cells at a separate outlet to the centrifuge; and (d) removing the suspension comprising the crystalline and/or amorphous metabolite of interest at another outlet to the centrifuge.

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

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SUPPORTING A MULTIMEDIA APPLICATION BASED ON NETWORK ZONE RECOGNITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W48/18 :61/325,878 :20/04/2010 :U.S.A. :PCT/US2011/033213 :20/04/2011 : NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)ANCHAN Kirankumar 2)SONG Bongyong 3)BREWER Beth A.
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(62) Divisional to Application Number Filing Date	:NA :NA	
7		

(57) Abstract:

In an embodiment a user equipment (UE) determines that a current serving network is associated with a network support zone of a given type wherein network support zones of different types are characterized by different levels of support for a multimedia client application configured to manage server-arbitrated communication sessions at the UE. The UE loads zone-specific network procedures for supporting the multimedia client application within the network support zone of the given type and then executes the zone-specific network procedures at the UE. In another embodiment an application server determines that the current serving network of the UE is associated with the network support zone of the given type. The application server selects zone-specific network parameters and/or features based on the determination and then interacts with the multimedia client application within the network support zone of the given type with the selected zone-specific network parameters and/or features.

No. of Pages: 60 No. of Claims: 40

(21) Application No.8483/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL GLUCAGON ANALOGUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/605 :10157901.9 :26/03/2010 :EPO :PCT/EP2011/054714 :28/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)Novo Nordisk A/S Address of Applicant: Novo All 2880 Bagsv rd Denmark (72)Name of Inventor: 1)LAU Jesper F. 2)KRUSE Thomas 3)LINDEROTH Lars 4)TH*GERSEN Henning
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(57) Abstract:

The present invention relates to novel peptide compounds which have an improved physical stability in solution and improved solubility at neutral pH to the use of the compounds in therapy to methods of treatment comprising administration of the compounds to patients in need thereof and to the use of the compounds in the manufacture of medicaments. The compounds of the invention are of particular interest in relation to the treatment of hyperglycemia diabetes and obesity as well as a variety of diseases or conditions associated with hyperglycemia diabetes and obesity.

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

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VOLTAGE-CONTROLLED STEPPER MOTOR DRIVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02P 8/14 :61/316,727 :23/03/2010 :U.S.A. :PCT/US2011/029679 :23/03/2011 : NA	(71)Name of Applicant: 1)PELCO INC. Address of Applicant: 3500 Pelco Way Clovis CA 93612 United States of America (72)Name of Inventor: 1)WEBB Clifford W.T. 2)REILLY Brian F.
. ,		
$\boldsymbol{\varepsilon}$:23/03/2011	1)WEBB Clifford W.T.
` /	: NA	2)REILLY Brian F.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/ \		

(57) Abstract:

A stepper motor driver system includes: a digital signal controller configured to digitally synthesize synthesized analog voltage signals that will induce a desired velocity of a stepper motor when applied to a pair of stepper motor windings; and voltage amplifiers communicatively coupled to the digital signal controller configured to amplify the synthesized analog voltage signals to produce amplified analog voltage signals and to output the amplified analog voltage signals; where the digital signal controller is configured to synthesize the analog voltage signals by affecting at least one of a phase or an amplitude of each of the analog voltage signals as a function of the desired velocity of the stepper motor

No. of Pages: 31 No. of Claims: 16

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR EVALUATING CARDIAC FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)UNIVERSITY OF LEICESTER Address of Applicant: University Road Leicester Leicestershire LE1 7RH United Kingdom. (72)Name of Inventor:
` '	:PCT/GB2011/050533 :17/03/2011	_
(87) International Publication No	: NA	2)NG Andre G.
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for assessing the electrical function of a heart comprising the steps of:- (1) for each of a plurality of leads of an ECG determining a value derived from the output of that lead and which corresponds to an action potential duration; (2) for each of the plurality of leads of the ECG determining a value derived from the output of that lead and which corresponds to a diastolic interval; (3) for each of the plurality of leads of the ECG determining a relationship between the determined values for action potential duration and for diastolic interval; (3) assessing the differences between the determined relationships for each of the plurality of leads. The invention further relates to apparatus and a computer program that may be used in the method.

No. of Pages: 59 No. of Claims: 14

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE SYSTEM AND METHOD FOR RAPID DETERMINATION OF A MEDICAL CONDITION

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	PCT/IL2011/000296 11/04/2011 NA NA NA NA	1)LEUKODX LTD. Address of Applicant: HaMarpe Street 3 3rd Floor PO Box 45409 Jerusalem 91451 Israel. (72)Name of Inventor: 1)KASDAN Harvey Lee 2)RAJUAN Menashe 3)BRODER Yehoshua 4)MEISSONNIER Julien 5)DAVIS Bruce 6)ZUTA Yoav
. ,	NA	0,20 212 234

(57) Abstract:

Provided is a system and method for determination of a medical condition the system including a disposable cartridge adapted to receive a volume of a body fluid the cartridge comprising a plurality of sections at least one of the sections adapted to react at least one reactant with the bodily fluid to form a pretreated sample; and an optics unit comprising at least one excitation illumination adapted to convey radiation to the pre-treated sample at least one multi-spectral emission detector and at least one of a photon counter and an integrator wherein the at least one excitation illumination and the at least one multi-spectral emission detector are disposed on the same side of the cartridge; and wherein the optics unit is adapted to detect a plurality of spectrally distinct signals generated by interaction of the radiation and the pre-treated sample in the cartridge thereby determining said medical condition.

No. of Pages: 52 No. of Claims: 15

(21) Application No.5740/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: ELECTRIC POWER CONVERSION DEVICE

(51) International classification: H02M7/48, H02M3/155, B60L9/18 (71) Name of Applicant:

(31) Priority Document No :PCT/JP2009/004961

(32) Priority Date :29/11/2009

(33) Name of priority country :PCT

(86) International Application :PCT/JP2010/005811

Filing Date

:28/09/2010

(87) International Publication :WO 2011/081793 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant: 7-3. MARUNOUCHI 2-CHOME.

CHIYODA-KU, TOKYO 100-8310 Japan (72)Name of Inventor:

1)KITANAKA, HIDETOSHI

Problem to be solved: To provide an electric power conversion device that normally operates, even when the voltage of a DC power supply or the like changes, by suppressing electric oscillations in an LC filter circuit so as to suppress transient oscillations in the voltage of the capacitor. Solution: An electric power conversion deviceincludes a power conversion circuit for receiving electric power from an overhead wire through an LC filter circuit composed of a reactor and a capacitor and converting the electric power to output and a control unit for controlling the power conversion circuit, wherein the control unit is provided with a delay unit for delaying the voltage across the .capacitor so as to produce a first control signal, produces a second output voltage instruction from the first control signal and a first output voltage instruction specifying the magnitude of the output voltage of the converted power, and controls the power conversion circuit based on the second output. voltage instruction.

No. of Pages: 58 No. of Claims: 4

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELONGATE IMPLANT SYSTEM AND METHOD FOR TREATING PELVIC CONDITIONS

(51) International classification	:A61F2/00	(71)Name of Applicant :
(31) Priority Document No	:61/291,031	1)AMS RESEARCH CORPORATION
(32) Priority Date	:30/12/2009	Address of Applicant :10700 BREN ROAD WEST,
(33) Name of priority country	:U.S.A.	MINNETONKA, MINNESOTA 55342 U.S.A.
(86) International Application No	:PCT/US2010/062342	(72)Name of Inventor:
Filing Date	:29/12/2010	1)KHAMIS, CHAOUKI, A.
(87) International Publication No	:WO 2011/082220 A1	2)ALEXANDER, JAMES, A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(5-2)		•

(57) Abstract:

Implant systems can include one or more needles, such as those used in pelvic floor repair procedures, and one or more elongate implants. A syringe or similar style hollow needle can be used to deliver the elongate mesh or other implant devices through one or more small stab incisions into the target tissue location inside the pelvis, proximate the vagina. The implant devices can be placed upon insertion through the incisions to engage and pull or tighten support tissue, such as the endopelvic fascia, pubocervical fascia, rectovaginal fascia, levator muscles, or other supportive muscles or tissue within the pelvis of the patient.

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

(12) TATENT ATTECATION TOBLICATION

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTRIC VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/10/2011 :WO 2012/063630 A1 :NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)KOSUKE HIGASHITANI 2)MASANOBU ASAKAWA 3)TAKESHI TAGUCHI
(62) Divisional to Application Number Filing Date	:NA :NA	
(55) All and the control of the cont	.IVA	

(21) Application No.5744/CHENP/2012 A

(57) Abstract:

(19) INDIA

The electric vehicle (1) is provided with at least a first traveling mode for which the maximum velocity (Vmax) is set lower than for the first traveling mode. The second traveling mode is a traveling mode that prioritizes travel distance per one electric power consumption unit.

No. of Pages: 43 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.69/CHENP/2012 A

(43) Publication Date: 14/02/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12/05/2010 :WO 2011/007613 A1 :NA	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA, 545-8522 Japan (72)Name of Inventor: 1)SHINIJI YUKAWA
(61) Patent of Addition to Application		

(57) Abstract:

The present invention is an active matrix display device in which, during each kth period $\{k \text{ is an integer from 0 to n}\}$, each data signal line (S1 to S2773) is supplied with a signal whose electric potential polarity is constant, and a picture element to which a signal finishes being written within the kth period is caused to be in a selected state from a (k-1)th. period to the kth period so as to be conductive to a data signal line connected thereto, and during each fcth period (1 s fc < n-1) for the effective display region, a data signal line (S1 or S2773) that is not connected to a picture element to which a signal finishes being written within the fcth period is supplied with a signal that was supplied to this data signal line during the (fc-1)th period.

No. of Pages: 103 No. of Claims: 10

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PARASITICIDAL COMPOSITIONS COMPRISING MULTIPLE ACTIVE AGENTS METHODS AND USES THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (70) Filing Date Filing Date (70) Filing Date (70) Filing Date Filing Date (70) Filing Date Filing Date (70) Filing Date Filing Date Filing Date	1)MERIAL LIMITED Address of Applicant :3239 Satellite Blvd. Duluth GA 30096 (US) U.S.A. US2011/030930 (72)Name of Inventor:
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(57) Abstract:

This invention relates to compositions for combating ectoparasites and endoparasites in animals comprising at least one 1-arylpyrazole at least one macrocyclic lactone at least one insect growth regulator and at least one anthelmintic compound in combination with a pharmaceutically acceptable carrier. This invention also provides for an improved method for eradicating controlling and preventing parasite infections and infestations in an animal comprising administering the compositions of the invention to the animal in need thereof.

No. of Pages: 82 No. of Claims: 20

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR CONFIGURING RADIO RESOURCES DURING HANDOVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W 36/08 :201010139729.9 :23/03/2010 :China :PCT/CN2010/073343 :28/05/2010	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China. (72)Name of Inventor: 1)Ping ZHOU
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

The disclosure discloses a method for configuring radio resources during a handover, which includes: an evolved NodeB (eNB) issues a handover command to a User Equipment (UE), wherein the handover command carries radio resource configuration parameters; after receiving the handover command, the UE configures radio resource configuration parameters, which may become effective directly, in the radio resource configuration parameters, and takes the configured radio resource configuration parameters into effect; after initiating a handover Random Access (RA), the UE discards radio resource configuration parameters, which could not become effective directly, in the radio resource configuration parameters, when the UE determines that the handover RA fails. The disclosure also discloses a device for configuring radio resources during a handover correspondingly. By distinguishing the radio resource configuration parameters which may become effective directly and which could not become effective directly in the disclosure, the problem of reverting operation after a handover fails in the present handover technology is solved, the service interruption time is shortened, the system overhead is saved, the resource utilization ratio and stability of the system are improved, and strong operability and practicality are provided.

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

(21) Application No.8672/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR PROCESSING RELEASE FAILURES OF PACKET DATA NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W 36/00 :201010138502.2 :22/03/2010 :China :PCT/CN2010/072771 :14/05/2010 : NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China. (72)Name of Inventor: 1)Fang HU
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides a method system and device for processing the release failure of a PDN. The method includes: a UE when the UE determines that it currently connects with at least two PDNs sends a PDN release request message to an EPC and then receives a release rejection message from the EPC wherein a rejection reason is that the last PDN connection is not allowed to be released; and the UE releases each PDN connection with the EPC and then resets up a PDN connection with the EPC. Through the technical solution the PDN connection information of the UE and that of the EPC are kept consistent so that resources are saved and the reliability of data transmission is improved.

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

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR REPORTING BUFFER DATA QUANTITY GRADE

Filing Date (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number	:22/06/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China. (72)Name of Inventor: 1)Xiaojuan SHI 2)Yada HUANG 3)Jian ZHANG
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(57) Abstract:

The disclosure claims a method and system for reporting a buffer size index; the method includes: presetting a first table which is a buffer size index table used by a Long Term Evolution (LTE) system, and presetting a second table which is a buffer size index table by increasing a maximum buffer size value to max-A B and increasing a minimum buffer size value to min-A B based on the first table, or by increasing a maximum buffer size value to max-A B, and increasing a number of the buffer size index to LTE-A N; choosing, by a User Equipment (UE) in reporting a Buffer State Report (BSR), to inquire on the preset first table or second table for the buffer size index; and sending, by the UE, the inquired buffer size index to a base station in the BSR. By adopting the method and system according to the disclosure, the scheduling efficiency in carrier aggregation is improved effectively and reasonable resource allocation is ensured.

No. of Pages: 36 No. of Claims: 10

(21) Application No.8674/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CENTER-REFERENCED PHOTOCONDUCTOR BEARING PLATE AND ASSEMBLY FOR ELECTRO-PHOTOGRAPHIC CARTRIDGE

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:G03G 15/00 :12/827,775 :30/06/2010 :U.S.A. :PCT/US2011/042710 :30/06/2011 : NA :NA	(71)Name of Applicant: 1)LEXMARK INTERNATIONAL INC. Address of Applicant: IP Law Department Bldg. 082-1 740 West New Circle Road Lexington KY 40550 United States of America (72)Name of Inventor: 1)GAYNE Jarrett Clark 2)SCHATTNER David Keith
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A bearing plate for rotably supporting a photoconductor drum having a center shaft according to one exemplary embodiment includes a body having a first side, a second side, and an edge surface between the first and second sides. A center hole extends through the body for rotably receiving an end of the center shaft and positionally referencing an outer surface of the photoconductor drum to a center axis of the center hole. A support arm extends from the body in a non-radial direction. The support arm has a mounting surface for receiving an additional component positionally referenced to the center axis. An assembly for use in an image forming device according to one embodiment includes a photoconductor drum having a center shaft and a pair of substantially identical bearing plates mounted on opposite ends of the photoconductor drum. The bearing plates are translated from one another and have identical orientations.

No. of Pages: 28 No. of Claims: 15

(21) Application No.5667/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD OF MAKING AN AUXETIC MESH

(51) International classification

:B29C59/02,B29C43/24,B29C47/00

(31) Priority Document No :61/291.060 (32) Priority Date :30/12/2009

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

(86) International Application :PCT/US2010/059806

:10/12/2010 Filing Date

(87) International Publication :WO 2011/090588 A2

No

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

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

(71)Name of Applicant:

1)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)ALBERG, RANDALL L. 2)MARTIN, PHILIP G.

(57) Abstract:

A method of making an auxetic mesh, which method includes: (a) extruding a polymeric material 60 onto an open casting surface 58 that has an intended pattern 62 disposed therein, the pattern 62 being configured to create an auxetic mesh 20; (b) wiping off excess extruded polymeric material 60 from the open casting surface 64; (c) removing the cast mesh 20 from the open casting surface 64 after the excess polymeric material 60 has been wiped off; and (d) removing any residual polymeric material that is not of the intended mesh pattern 20. The method allows for the continuous production of auxetic meshes.

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

(21) Application No.5669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: IMAGING ELEMENT AND IMAGING DEVICE

:NA

:NA

(51) International classification :H04N5/369,G02B5/30 (71)Name of Applicant : (31) Priority Document No 1)PANASONIC CORPORATION :2010-175542 (32) Priority Date Address of Applicant: 1006, OAZA KADOMA, KADOMA-:04/08/2010 (33) Name of priority country SHI, OSAKA 571-8501 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/003933 1)SINGH, BRAHM PAL Filing Date :08/07/2011 (87) International Publication No :WO 2012/017600 A1 (61) Patent of Addition to Application :NA :NA Filing Date

(57) Abstract:

Filing Date

An image capture device according to the present invention includes an image sensor 10 that includes: a photosensitive cell array 12 in which a plurality of photosensitive cells are arranged on an image capturing plane; a polarizer array 14 in which a plurality of unit structures, each including N polarizers (where N is an integer that is equal to or greater than two) that have mutually different polarization transmission axis directions, are arranged two-dimensionally and which is arranged so that light that has been transmitted through each polarizer is incident on its associated photosensitive cell; a circuit that reads a pixel signal from the photosensitive cell array 12; and a shifter 16 that shifts the polarizer array 14 with respect to the photosensitive cell array 12 parallel to the image capturing plane. The image capture device further includes a driver 40 that drives the shifter 16 and a shooting lens 20 that produces an image on the image sensor 10.

No. of Pages: 94 No. of Claims: 12

(62) Divisional to Application Number

(21) Application No.835/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: TREE CLIMBING APPARATUS

(51) International alogaification	· A 62D	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Venkat D. N.
(32) Priority Date	:NA	Address of Applicant :2/95 Bombay Nagar
(33) Name of priority country	:NA	Narasimhanayakanpalayam (PO) Coimbatore District:
(86) International Application No	:NA	Coimbatore Tamil Nadu 641 031 India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Venkat D. N.
(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 tree climbing apparatus that is provided with a seating arrangement and locking system, which enables the tree climber to work without fear at a desired height and position on the tree comprising a bottom framework adapted for gripping the tree trunk (15) while the user is applying the weight of his body thereon, and movable along the tree trunk (15) while the user is not applying the weight of his body thereon and a top framework adapted for gripping the tree trunk (15) while the user is sitting and applying the weight of his body thereon, and movable along the tree trunk (15) while the user is not sitting and applying the weight of his body thereon.

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

(21) Application No.8741/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: EXPANDED CELL SEARCH AND SELECTION IN A MOBILE WIRELESS DEVICE

	:H04W4/00,	(71)Name of Applicant:
(51) International classification	H04W48/16,	1)Apple Inc.
	H04W48/20	Address of Applicant :1 Infinite Loop Cupertino California
(31) Priority Document No	:61/358,340	95014 UNITED STATES OF AMERICA .
(32) Priority Date	:24/06/2010	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)RAMASAMY Venkatasubramanian
(86) International Application No	:PCT/US2011/036066	2)DEIVASIGAMANI Giri Prassad
Filing Date	:11/05/2011	
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		·

(57) Abstract:

A method and apparatus for expanded cell search and selection in a mobile wireless device. The mobile device locates cells in a first of neighbor cells and in a second list of stored cells and evaluates located cells using suitability criteria. When locating a suitable first cell that uses a first radio access technology (RAT) in the first list the first cell is selected. When locating a second suitable cell that uses a second RAT in the first list and not locating a suitable cell that uses the first RAT in the second list the second cell is selected. When locating a third suitable cell that uses the second RAT in the first list and locating a fourth suitable cell that uses the first RAT in the second list the fourth cell is selected when more suitable than the third cell.

No. of Pages: 28 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SUBBUFFER OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F9/50 :61/346,866 :20/05/2010 :U.S.A. :PCT/US2011/033282 :20/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino California 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MUNSHI Aaftab A. 2)OLLMAN Ian R.
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(21) Application No.8742/CHENP/2012 A

(57) Abstract:

A method and an apparatus for a parallel computing program using subbuffers to perform a data processing task in parallel among heterogeneous compute units are described. The compute units can include a heterogeneous mix of central processing units (CPUs) and graphic processing units (GPUs). A system creates a subbffer from a parent buffer for each of a plurality of heterogeneous compute units. If a subbuffer is not associated with the same compute unit as the parent buffer the system copies data from the subbuffer to memory of that compute unit. The system further tracks updates to the data and transfers those updates back to the subbuffer.

No. of Pages: 60 No. of Claims: 16

(21) Application No.8743/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTROMAGNETIC VIBRATING DIAPHRAGM PUMP

(51) International classification	:F04B45/04, F04B45/047	(71)Name of Applicant: 1)TECHNO TAKATSUKI CO. LTD.
(31) Priority Document No	:2011-062187	Address of Applicant :8-16 Hacchonishimachi Takatsuki-shi
(32) Priority Date	:22/03/2011	Osaka 569-0095 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2012/056661	1)Hideki ISHII
Filing Date	:15/03/2012	2)Tsuyoshi TAKAMICHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An object of the present invention is to provide an electromagnetic vibrating diaphragm pump with a draining structure which is a simple structure and can easily drain water having flowed into the pump without providing a separate member for preventing inflow of water. A first communicating passage P1 is formed at a bottom end of a partition wall W1 between a suction chamber 62 and a compression chamber 61, and a bottom portion 62a inside the suction chamber 62 slopes down toward the first communicating passage P1 such that the compression chamber 61 side thereof is lower than the suction chamber 62 side; a second communicating passage P2 is formed at a bottom end of a partition wall W2 between an exhaust chamber 63 and the compression chamber 61, and a bottom portion 61a inside the compression chamber 61 slopes down toward the second communicating passage such that the exhaust chamber 63 side thereof is lower than the compression chamber 61 side; and a bottom portion inside the exhaust chamber 63 slopes down toward the exhaust port such that the exhaust port side is made lower, and the exhaust port slopes down such that an outlet side thereof is made lower.

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

(21) Application No.8744/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: 1245-SUBSTITUTED PHENYL COMPOUND METHOD FOR PRODUCING SAME AND ORGANIC ELECTROLUMINESCENT DEVICE COMPRISING SAME AS CONSTITUENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C09K11/06, C07D401/10, H01L51/50 :2010-059889 :16/03/2010 :Japan :PCT/JP2011/056190 :16/03/2011 : NA	(71)Name of Applicant: 1)TOSOH CORPORATION Address of Applicant: 4560 Kaisei-cho Shunan-shi Yamaguchi 746-8501 Japan (72)Name of Inventor: 1)Tsuyoshi TANAKA 2)Mayumi ABE 3)Nobumichi ARAI 4)Naoki UCHIDA 5)Takashi IIDA
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(57) Abstract:

No. of Pages: 42 No. of Claims: 4

A 1 2 4 5-substituted phenyl compound represented by the formula (1): wherein one of X1 - X5 is nitrogen and the remainders of X1 - X5 are carbon; R1 and R2 represent hydrogen C1-6 alkyl or C1-6 alkoxy; R3 and R4 represent C1-6 alkyl or C1-6 alkoxy; and m is an integer of 0 - 4 and n is an integer of 0 - 5. This compound is useful as a constituent for an organic electroluminescent device.

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(21) Application No.8745/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: NEBULIZER KIT AND NEBULIZER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M11/02 :2010-059381 :16/03/2010 :Japan :PCT/JP2011/052626 :08/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)OMRON HEALTHCARE Co. Ltd. Address of Applicant:53 Kunotsubo Terado-cho Muko-shi Kyoto 617-0002 Japan (72)Name of Inventor: 1)Shinya TANAKA 2)Susumu KUTSUHARA
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(57) Abstract:

The present nebulizer kit has a case body (110A) having a wall surface (110b) with a linear portion. The wall surface (110b) can serve as a barrier to change positively toward an aerosol discharge port (132) a stream of aerosol flowing out from an external air introduction path (102) in a direction away from the aerosol discharge port (132).

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

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LANDING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B64F1/02 :204509 :15/03/2010 :Israel :PCT/IL2011/000236 :10/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)ISRAEL AEROSPACE INDUSTRIES LTD. Address of Applicant: Ben Gurion International Airport 70100 Lod Israel (72)Name of Inventor: 1)WOLFF Amit 2)ZIVAN Lior 3)DEKEL Guy 4)BAUM Avi
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(21) Application No.8746/CHENP/2012 A

(57) Abstract:

A system for landing a VTOL aircraft on a landing platform comprises a) a net positioned in a plane substantially parallel to the plane of the landing platform; b) proximity sensors suitable to provide data indicative of the distance and orientation of the aircraft from said net; c) sensors suitable to gauge environmental conditions relevant to the landing of the aircraft; and d) control apparatus to control the speed at which the aircraft approaches said net.

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

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR PRODUCING KLUYVEROMYCES MARXIANUS TRANSFORMANT

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Filing Date 16/03/2010 Spape Space Space Space Space Space Applicant: 1677-1 Yoshida Yamaguchi 7538511 Japan (72)Name of Inventor: 1)AKADA Rinji 2)HOSHIDA Hisashi 3)ABDEL-BANAT Babiker Mohamed 4)ASAKAWA Jun NA Space Sp		
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(57) Abstract:

A method for producing a Kluyveromyces marxianus transformant by conveniently and efficiently connecting the ends of DNA fragments without using specific restriction enzymes or their recognition sequences and a method for producing a useful substance using the transformant. Inventors found as means to solve the object a method comprising introducing two or more linear double-stranded DNA fragments free from a Kluyveromyces marxianus autonomously replicating sequence into Kluyveromyces marxianus and selecting a transformant comprising a desired DNA ligation product with marker gene expression by the desired DNA ligation product as an index or comprising introducing a linear double-stranded DNA fragment comprising a Kluyveromyces marxianus autonomously replicating sequence alone or in combination with one or more linear double-stranded DNA fragment(s) different therefrom into Kluyveromyces marxianus and selecting a transformant comprising a desired circular DNA ligation product with marker gene expression by desired circular DNA ligation product as an index.

No. of Pages: 70 No. of Claims: 8

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MULTI-COLOR CRACKERS AND METHOD FOR MAKING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A21D 13/00 :12/753,538 :02/04/2010 :U.S.A. :PCT/US2011/030923 :01/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)FRITO-LAY NORTH AMERICA INC Address of Applicant: 7701 Legacy Drive Plano TX 75024-4099 United States of America (72)Name of Inventor: 1)BORTONE Eugenio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method to produce a multi-characteristic dough sheet and the resultant food piece having distinct characteristic zones. In accordance with one embodiment of the present invention the dough sheeting system involves sheeting a first dough component extruding into pellets a second dough component sprinkling the pellets onto the sheeted first dough component and combining the two dough components in a second sheeting step. The resultant composite dough sheet maintains distinct dough component zones. This resultant dough sheet is then cut into individual food pieces which are further processed to produce a unique edible snack such as a marbled cracker or multi-color chip or crisp.

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

(21) Application No.8790/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYAMIDE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G 69/36 :2010-097111 :20/04/2010 :Japan :PCT/JP2011/053918 :23/02/2011 : NA	(71)Name of Applicant: 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant: 5-2 Marunouchi 2-chome Chiyoda-ku Tokyo 1008324 Japan (72)Name of Inventor: 1)ODA Takafumi 2)OTAKI Ryoji
` '	1	
Filing Date	:23/02/2011	1)ODA Takafumi

(57) Abstract:

Apolyamide compound containing from 25 to 50 mol% of a diamine unit that contains at least 50 mol% of an alicyclic diamine unit represented by the following general formula (I); from 25 to 50 mol% of a dicarboxylic acid unit that contains a linear aliphatic dicarboxylic acid unit represented by the following general formula (II-1) and/or an aromatic dicarboxylic acid unit represented by the following general formula (II-2) in an amount of at least 50 mol% in total; and from 0.1 to 50 mol% of a constituent unit represented by the following general formula (III): [Chemical Formula 1] wherein, in the formulae, n indicates an integer of from 2 to 18; Ar represents an arylene group; and R represents a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group.

No. of Pages: 93 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : EPOXY RESIN CURING AGENT EPOXY RESIN COMPOSITION AND ADHESIVE AGENT FOR LAMINATE

(21) Application No.8791/CHENP/2012 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G 59/40 :2010-097920 :21/04/2010 :Japan :PCT/JP2011/059524 :18/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant: 5-2 Marunouchi 2-chome Chiyoda-ku Tokyo 1008324 Japan (72)Name of Inventor: 1)MATSUMOTO Nobuhiko 2)HONDA Eiichi 3)KUMAMOTO Kana
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(57) Abstract:

Provided are an epoxy resin curing agent having excellent properties and high gas barrier capability that epoxy resin has and in addition thereto capable of realizing good adhesiveness to polyester and aluminium; an epoxy resin composition containing the curing agent; an adhesive for lamination including the composition as the main ingredient thereof; and a laminate film a multilayer wrapping material and a wrapping bag using the adhesive. The epoxy resin curing agent comprises a reaction product of the following (A) (B) and (C): (A) meta-xylylenediamine or para-xylylenediamine (B) a polyfunctional compound having one acyl group and capable of forming an amide group moiety through reaction with a polyamine and forming an oligomer (C) a metal (meth)acrylate salt with a divalent or more polyvalent metal.

No. of Pages: 60 No. of Claims: 14

(21) Application No.8820/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF GASOLINE BLENDING COMPONENTS AND AROMATIC HYDROCARBONS FROM LOWER ALKANES

(51) International classification	:C07C 2/00	(71)Name of Applicant:
(31) Priority Document No	:61/323,017	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:12/04/2010	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/US2011/031917	Hague Netherlands
Filing Date	:11/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)JOIS Yajnanarayana Halmuthur
(61) Patent of Addition to Application	:NA	2)LAURITZEN Ann Marie
Number		3)MADGAVKAR Ajay Madhav
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41		

(57) Abstract:

An integrated process for producing gasoline blending components and aromatic hydrocarbons which comprises: (a) contacting a lower alkane feed with an aromatic hydrocarbon conversion catalyst to produce an aromatic reaction product mixture which is comprised of benzene and/or toluene and/or xylene C9 aromatic products C10 aromatic products including naphthalene and optionally C11+ aromatic products (b) separating and recovering the aromatic reaction product mixture (c) separating and recovering benzene (d) optionally separating recovering toluene and/or xylene and (e) separating and recovering the C9 aromatic products and the C10 aromatic products which boil at a lower temperature than naphthalene from the naphthalene and the C10 aromatic reaction products which boil at a higher temperature than naphthalene and any C11+ aromatic products.

No. of Pages: 26 No. of Claims: 7

(21) Application No.8821/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PATH-FORMING ADAPTIVE PROCESSING FOR ACTIVE SONAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01S 7/527 :1001633 :16/04/2010 :France :PCT/EP2011/055902 :14/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 rue de Villiers F-92200 Neuilly sur Seine France (72)Name of Inventor: 1)YVES DOISY 2)LAURENT DERUAZ-PEPIN
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(57) Abstract:

The subject of the invention is a method making it possible to form adaptive reception channels for a system comprising an antenna formed from a plurality of sensors. The method according to the invention consists firstly in grouping the sensors in a given arrangement, so as to construct N sub-antennas, the phase centers of which are separated from one another by a distance less than the correlation length of the noise, or of the nuisance received. It secondly consists in forming, for each sub-antenna, M primary reception channels in given directions. It finally consists, in a third step, in forming, by adaptive processing, M secondary reception channels. Each of the secondary channels, pointing in a direction m, is formed from the N primary reception channels pointing in this same direction m and formed for each of the N sub-antennas.

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

(21) Application No.8823/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : BASE STATION DEVICE TERMINAL DEVICE RECEIVER-SIDE BASE STATION DEVICE AND WIRELESS COMMUNICATION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIES LTD. Address of Applicant: 5-33 Kitahama 4-chome Chuo-ku Osaka-shi Osaka 5410041 Japan (72)Name of Inventor: 1)MOCHIDA Eiji 2)MURAKAMI Kenichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

When installing a femto base station device 1b failure that may occur in wireless communication is suppressed. The femto base station device 1b includes an RF unit 4 which transmits broadcast information or paging information to a femto terminal device 2b communicating with the femto base station device 1b and an information storage unit 31 which adds and stores in the broadcast information or the paging information location information that relates to the location of the femto base station device 1b and is used by another wireless communication device to suppress interference.

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

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : ELECTRIC-POWER-GENERATION LEVEL PREDICTING APPARATUS METHOD AND PROGRAM

(51) International classification	:H02P 9/00	(71)Name of Applicant :
(31) Priority Document No	:2010-065083	1)Kabushiki Kaisha Toshiba
(32) Priority Date	:19/03/2010	Address of Applicant :1-1 Shibaura 1-chome Minato-ku
(33) Name of priority country	:Japan	Tokyo 105-8001 Japan
(86) International Application No	:PCT/JP2011/001648	(72)Name of Inventor:
Filing Date	:18/03/2011	1)Yoshiki MURAKAMI
(87) International Publication No	: NA	2)Takenori KOBAYASHI
(61) Patent of Addition to Application	:NA	3)Katsutoshi HIROMASA
Number	:NA	4)Yoko KOSAKA
Filing Date	.IVA	5)Hideo KUSANO
(62) Divisional to Application Number	:NA	6)Kenji WATANABE
Filing Date	:NA	7)Hideki HAYASHI

(57) Abstract:

An electric-power-generation level predicting apparatus 1 includes a memory unit 20 that stores, as past data relating to a past electric power generation level of an electric power generator, past data containing information at multiple time points in each day, and an predicted-value calculating unit 13 that calculates, as time-series data containing an occurrence probability, an predicted value of the past data relating to an electric power generation level of the electric power generator based on a statistical correlation between different times in the past data or a statistical correlation between locations of the different electric power generators. The predicted-value calculating unit 13 includes a variance-covariance-matrix generator unit 131 that generates a variance-covariance matrix based on the past data, and a random-number generator unit 132 that generates a random number following the probability distribution based on the variance-covariance matrix.

No. of Pages: 53 No. of Claims: 10

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD TO CONTROL CONFIGURATION CHANGE TIMES IN A WIRELESS DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W24/10 :12/779,907 :13/05/2010 :U.S.A. :PCT/US2011/035214 :04/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)SHI Jianxiong 2)XING Longda
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(57) Abstract:

A method to control configuration change times is performed at a mobile wireless communication device when the mobile wireless communication device is connected to a wireless network. The mobile wireless device is connected in a first configuration mode. The mobile wireless communication device receives a control message from a radio network subsystem in the wireless network at a local receive time. The received control message includes a time indication for when to start a configuration mode change of the mobile wireless communication device which the device extracts from the control message. The mobile wireless communication device reconfigures to a second configuration mode different from the first configuration mode based on the extracted time indication and the local receive time.

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WIRELESS NETWORK AUTHENTICATION APPARATUS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L29/06 :61/330,856 :03/05/2010 :U.S.A. :PCT/US2011/034199 :27/04/2011 : NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino California 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)SCHELL Stephan 2)NARANG Mohit 3)BALLERO Ruben
Number	*- :	3)BALLERO Ruben
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus and methods for authenticating and granting a client device (e.g. cellular telephone) access to a network. In one embodiment a network service provider such as a cellular telephone company may distribute user access (e.g. Universal Subscriber Identity Module or USIM) credentials to a services manager via a USIM vendor. The services manager may maintain a list of authorized users. A user at a client may authenticate to the services manager. Once authenticated the services manager may provide the user with a set of USIM credentials. When the user desires to use wireless network services the user equipment may establish a wireless link between the user equipment and the network service provider. During authentication operations the user equipment may use the USIM credentials to authenticate to the network service provider. Following successful authentication the network service provider may provide the user equipment with wireless services.

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

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPARATUS AND METHODS FOR PROVISIONING SUBSCRIBER IDENTITY DATA IN A WIRELESS NETWORK

(51) International alogaification	.110/13/10/10	(71)Nome of Applicant.
(51) International classification	:H04W8/18	(71)Name of Applicant:
(31) Priority Document No	:61/354,653	1)Apple Inc.
(32) Priority Date	:14/06/2010	Address of Applicant :1 Infinite Loop Cupertino California
(33) Name of priority country	:U.S.A.	95014 UNITED STATES OF AMERICA .
(86) International Application No	:PCT/US2011/039854	(72)Name of Inventor:
Filing Date	:09/06/2011	1)RODGERS Clive Edward
(87) International Publication No	: NA	2)SCHELL Stephan V.
(61) Patent of Addition to Application	:NA	3)PANTFOERDER Achim
Number	*	4)NARANG Mohit
Filing Date	:NA	7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus and methods for provisioning wireless devices for operation in one or more networks. In one embodiment a provisioning service may provide access client (e.g. Subscriber Identity Module) data to a secure element in the wireless user device. The device may be preloaded with a provisioning SIM profile. The device may use the provisioning profile to roam onto a carrier and communicate with a provisioning service which may present the user with a list of available wireless carriers such as carriers that service the users current geographic location. In response to a user selection the provisioning service may load a SIM profile associated with the selected carrier onto the secure element. The loaded SIM profile can be used to obtain wireless service from the selected carrier. The user may add multiple SIM profiles and/or may delete SIM profiles.

No. of Pages: 36 No. of Claims: 20

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELF-ASSEMBLY OF COATINGS UTILIZING SURFACE CHARGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.S.A.	(71)Name of Applicant: 1)COLORADO STATE UNIVERSITY RESEARCH FOUNDATION Address of Applicant:601 S. Howes 410 University Services Center Fort Collins CO 80521 United States of America (72)Name of Inventor: 1)Amy L. PRIETO 2)Derek C. JOHNSON 3)James M. MOSBY
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An apparatus measuring the isoelectric pH for materials deposited onto and in contact with an electrode surface and a method for utilizing the isoelectric pH to form self-assembled layers of nanometer thickness on the material. Forming such layers utilizing data information obtained about the isoelectric pH values of the substrate and the coating is advantageous since the growth of the coating is otherwise self-limiting. When the coating is self-limiting once the surface charge has been neutralized there is no longer a driving force for the solid electrolyte coating thickness to increase. Thus uniform coatings without pinhole defects will be produced because a local driving force for assembly will exist if any bare electrode material is exposed to the solution. The present self-assembly procedure when combined with electrodeposition may be used to increase the coating thickness of self-assembled layers for use in solid-state batteries.

No. of Pages: 26 No. of Claims: 22

(21) Application No.832/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: A METHOD OF OPTIMIZING ASSET RISK CONTROLS

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SISA INFORMATION SECURITY PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :SISA HOUSE, NO.3029B, 13TH
(33) Name of priority country	:NA	MAIN ROAD, HAL II STAGE, INDIRANAGAR,
(86) International Application No	:NA	BANGALORE 560 008. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHARSHAN SHANTHAMURTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses a method of assessing risk on an information asset of an organization and optimizing selection of controls for securing such information asset. The method includes identifying risk parameters and generating a Risk Scenario based on Threats and Vulnerabilities of such information asset, characterizing and measuring such risk parameters based on user inputs, evaluating Nature of Risk based on the organizations conditions and calculating Measure of Risk (MOR), and selecting optimized controls based on a Risk Treatment Plan (RTP) for managing such risk parameters.

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

(21) Application No.869/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: UTILITY COMPARTMENT FOR MOTORCYCLE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date : NA	Address of Applicant :JAYALAKSHMI ESTATES NO.24 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)SAURABH KARWAL 2)BALU RAJESH KANNA
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

A motorcycle having a body of utility component having integrated walls and front lid further the invention includes a utility compartment having an illuminating member in an embodiment. The utility compartment positioned just above rear wheel cover having bottom base and two integral lateral walls coupled with a rear wall.

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

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SOCIAL GRAPH THAT INCLUDES WEB PAGES OUTSIDE OF A SOCIAL NETWORKING SYSTEM

(51) International classification	:G06F 15/16	(71)Name of Applicant:
(31) Priority Document No	:12/764,929	1)FACEBOOK INC.
(32) Priority Date	:21/04/2010	Address of Applicant :1601 Willow Road Menlo Park CA
(33) Name of priority country	:U.S.A.	94025 United States of America
(86) International Application No	:PCT/US2011/032564	(72)Name of Inventor:
Filing Date	:14/04/2011	1)BRET STEVEN TAYLOR
(87) International Publication No	: NA	2)MICHAEL STEVEN VERNAL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)GERALD RICHARD CAIN 4)MARK WILLIAM KINSEY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A social networking system includes a mechanism for incorporating nodes in the social graph where the nodes are associated with a web page. Each web page includes one or more tags which contain meta information for defining the node in the social networking system such as the type of the node. The social networking system retrieves the tags from the markup language document and stores their information in connection with the node for the web page. The web page may be outside of the social networking system^{TMS} domain and may be operated by an entity other than the social networking operator; thus third parties can define create and maintain nodes that are then used by the social networking system. Users may then interact with the nodes on websites outside of the social networking system and these interactions are tracked by and reflected back within the social networking system.

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

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DAISY DESCRIPTOR GENERATION FROM PRECOMPUTED SCALE - SPACE

(51) International classification	:G06K 9/46	(71)Name of Applicant :
(31) Priority Document No	:61/326,087	1)QUALCOMM INCORPORATED
(32) Priority Date	:20/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/033316	United States of America
Filing Date	:20/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)HAMSICI Onur
(61) Patent of Addition to Application	:NA	2)HONG John H.
Number	:NA	3)REZNIK Yuriy
Filing Date	.11/1	4)VADDADI Sundeep
(62) Divisional to Application Number	:NA	5)LEE Chong
Filing Date	:NA	

(57) Abstract:

A local feature descriptor for a point in an image is generated over multiple levels of an image scale space. The image is gradually smoothened to obtain a plurality of scale spaces. A point may be identified as the point of interest within a first scale space from the plurality of scale spaces. A plurality of image derivatives is obtained for each of the plurality of scale spaces. A plurality of orientation maps is obtained (from the plurality of image derivatives) for each scale space in the plurality of scale spaces. Each of the plurality of orientation maps is then smoothened (e.g. convolved) to obtain a corresponding plurality of smoothed orientation maps. Therefore a local feature descriptor for the point may be generated by sparsely sampling a plurality of smoothed orientation maps corresponding to two or more scale spaces from the plurality of scale spaces.

No. of Pages: 59 No. of Claims: 34

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MICROMACHINED PIEZOELECTRIC X-AXIS GYROSCOPE

(51) International classification (31) Priority Document No	:G01C 19/56 :61/343,600	(71)Name of Applicant: 1)QUALCOMM MEMS Technologies Inc.
(32) Priority Date	:30/04/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121-1714 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:18/04/2011	1)ACER Cenk
(87) International Publication No	: NA	2)SHENOY Ravindra Vaman
(61) Patent of Addition to Application	.NIA	3)BLACK Justin Phelps
Number	:NA	4)PETERSEN Kurt Edward
Filing Date	:NA	5)GANAPATHI Srinivasan Kodaganallur
(62) Divisional to Application Number	:NA	6)STEPHANOU Philip Jason
Filing Date	:NA	

(57) Abstract:

This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for making and using gyroscopes. Such gyroscopes may include a sense frame a proof mass disposed outside the sense frame a pair of anchors and a plurality of drive beams. The plurality of drive beams may be disposed on opposing sides of the sense frame and between the pair of anchors. The drive beams may connect the sense frame to the proof mass. The drive beams may be configured to cause torsional oscillations of the proof mass substantially in a first plane of the drive beams. The sense frame may be substantially decoupled from the drive motions of the proof mass. Such devices may be included in a mobile device such as a mobile display device.

No. of Pages: 133 No. of Claims: 24

(21) Application No.8825/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: IMPROVEMENTS IN TUBULAR SOLAR COLLECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24J 2/05 :MI2010A000659 :19/04/2010 :Italy :PCT/IB2011/051541 :11/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)ARCHIMEDE SOLAR ENERGY SRL Address of Applicant :Localit Cimacolle 464 I-06056 Massa Martana (PG) Italy (72)Name of Inventor: 1)Federico RUFFINI 2)Claudio RAGGI 3)Stefano FORTUNATI 4)Learco CAGIOLA 5)Antonio DE LUCA
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(57) Abstract:

The present invention regards a metal composition suitable for originating a joint (22) by means of welding with a borosilicate glass for a solar collector (10). The composition expressed in weight percentage comprises the following alloy elements: Ni Co Mn Si C Ti Zr Ta Ti+Zr+Ta 28-31 15-18 = 0.5 = 0.3 = 0.05 = 0.30 = 0.30 = 0.40 and it is such that 45.5 = (Ni+Co) = 46.5 and that (Ti+Ta+Zr) = 4 'C the remaining part being made up of iron apart from the inevitable impurities. The invention also regards: a metal ring (20) made of the metal composition described above and suitable for originating a metal-glass joint by means of welding; the metal-glass joint thus obtained; and the tubular solar collector (10) thus obtained.

No. of Pages: 25 No. of Claims: 11

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INSTANT NOODLES AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A23L 1/162	(71)Name of Applicant:
(31) Priority Document No	:2010-065247	1)NISSIN FOODS HOLDINGS CO. LTD.
(32) Priority Date	:19/03/2010	Address of Applicant :1-1 Nishinakajima 4-chome
(33) Name of priority country	:Japan	Yodogawa-ku Osaka-shi Osaka 532-8524 Japan
(86) International Application No	:PCT/JP2011/001471	(72)Name of Inventor:
Filing Date	:14/03/2011	1)TAKAHASHI Rintaro
(87) International Publication No	: NA	2)ISHII Yuji
(61) Patent of Addition to Application	:NA	3)YOSHIDA Kunihiko
Number	:NA	4)ASAHINA Takeshi
Filing Date	.IVA	5)SAKAI Shunsuke
(62) Divisional to Application Number	:NA	6)MIYAZAKI Yoshifumi
Filing Date	:NA	7)TANAKA Mitsuru
7		•

(57) Abstract:

Instant noodles are produced which have an excellent reconstitution property can be reconstituted by pouring of boiling water even if the noodles are thicker than before and have excellent taste and texture. The instant noodles are produced by: making raw noodle strings each having a multilayer structure including three or more layers; spraying superheated steam to the raw noodle strings; gelatinizing the noodle strings to which the superheated steam has been sprayed; and drying the noodle strings which have been gelatinized. It is preferable to gelatinize the noodle strings by spraying the superheated steam to the noodle strings supplying moisture in liquid form to the noodle strings and further heating the noodle strings by using the superheated steam and/or saturated steam.

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

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR MOBILE SEARCH BASED ON SEARCH TRIGGERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W 48/16 :61/334,941 :14/05/2010 :U.S.A. :PCT/US2011/036705 :16/05/2011 : 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)MESHKATI Farhad 2)HORN Gavin Bernard
Filing Date	:16/05/2011	1)MESHKATI Farhad
(87) International Publication No(61) Patent of Addition to Application		2)HORN Gavin Bernard 3)YAVUZ Mehmet
Number Filing Date	:NA	4)NANDA Sanjiv 5)RAUBER Peter Hans
(62) Divisional to Application Number Filing Date	:NA :NA	6)CHEN Jen Mei

(57) Abstract:

An apparatus and method for mobile search using search triggers including establishing a search state for a mobile search; defining a search scheduler based on the search state; determining to collect a search trigger for the search scheduler based on the search state; updating the search state using the collected search trigger and in accordance with the search scheduler; and performing a search for a search type based on the updated search state and in accordance with the search scheduler.

No. of Pages: 54 No. of Claims: 31

(22) Date of filing of Application :16/10/2012

(21) Application No.8828/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: STABLE LIQUID OILY READY-TO-USE FORMULATIONS PREPARATION THEREOF AND USE THEREOF

(51) International classification :A61K 9/10 (71)Name of Applicant: (31) Priority Document No :10 2010 015 143.2 1)CTS CHEMICAL INDUSTRIES LTD (32) Priority Date Address of Applicant: 3 Hakidma Street Industrial Zone :16/04/2010 (33) Name of priority country 70953 Kirvat Malachi Israel :Germany (86) International Application No :PCT/IB2011/001351 (72)Name of Inventor: 1)FIRST Sigal Filing Date :18/04/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

(19) INDIA

The invention relates to a stable liquid oily ready to use formulation, comprising: (i) an active pharmaceutical ingredient, which has hydrophobic and/or lipophilic properties and/or which exhibits stability problems in aqueous environments, (ii) an oily vehicle, in which the active pharmaceutical ingredient is dissolved or dispersed, and which is selected from vegetable oils, synthetic oils, fatty acids or combinations thereof; and optionally one or more of a thickening/suspending agent, an antioxidant, a preservative, a flocculating agent, a surface stabilising agent, a sweetener, a flavouring agent, an emulsifier and a colouring agent, or combinations thereof, as well as to said formulation for use in the medical treatment of a patient group selected from (i) paediatric patients, (ii) elderly patients, (iii) patients suffering from dysphagia, or (iv) patients requiring medication via nasogastric or gastrostomy tubes and to a method for preparing a stable liquid oily ready to use formulation comprising the following steps: (a) heating the oily vehicle under mild stirring, (b) dissolving the antioxidant, (c) dissolving or melting the thickening/suspending agent and optionally emulsifying agent(s), until a clear solution is obtained, and cooling the solution to room temperature, (d) optionally adding further thickening/suspending agent, (e) adding and optionally disperging the active pharmaceutical ingredient, (f) optionally adding the sweetener, flavouring and/or colouring agents, (g) completing the volume with the oily vehicle to the desired amount, and (h) optionally performing homogenisation.

No. of Pages: 51 No. of Claims: 19

(21) Application No.5730/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR EXTRUDING POLYMER

(51) International classification	:B29C47/94,B29C33/62	(71)Name of Applicant:
(31) Priority Document No	:61/291,250	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:30/12/2009	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674 U.S.A.
(86) International Application No	:PCT/US2010/062486	(72)Name of Inventor:
Filing Date	:30/12/2010	1)CHANG, DANE
(87) International Publication No	:WO 2011/082294 A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a process for extruding a composition, comprising at least one polymer, through a die, comprising applying at least one processing additive (PA) onto at least one surface of the die, and extruding the composition through the die, and wherein the processing additive in applied to the die as a solution. The invention provides a composition comprising at least one processing additive (PA), and a solvent or a solvent mixture.

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

(21) Application No.8753/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TARGETED CONTENT PROVISIONING THAT ALLOWS USER EDITING OF CONTENT SELECTION RULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:22/03/2011 : NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Sailesh Sathish Kumar 2)Arto Juhani Lehtiniemi
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus providing for output of a new content segment may include a contextual characteristic determiner for determining one or more contextual characteristics. The apparatus may use the contextual characteristics to output a content segment which a user may then comment on. The apparatus may use a token extractor to extract tokens from the comment and thereby associate the tokens the contextual characteristics and the content segment with an association structure using an association structure generator. Accordingly the apparatus may output of a new content segment based on the association structure in instances in which the association structure is applicable.

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

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INVERTED EXHAUST GAS TREATMENT INJECTOR

(31) Priority Document No:12(32) Priority Date:05(33) Name of priority country:U.(86) International Application No:PC	2/774,140 5/05/2010 I.S.A. CT/US2011/034758 Illinoi (72)N 1)R 2)Jo	Name of Applicant: TENNECO AUTOMOTIVE OPERATING COMPANY C. Address of Applicant: 500 North Field Drive Lake Forest ois 60045 United States of America Name of Inventor: Ryan A. Floyd John Lowry
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(21) Application No.8757/CHENP/2012 A

(57) Abstract:

An exhaust gas treatment system for reducing emissions from an engine includes an exhaust conduit adapted to supply an exhaust stream from the engine to an exhaust treatment device. The conduit includes an upstream zone a reduced cross-sectional area zone and a downstream zone. The upstream and downstream zones are positioned adjacent to and on either side of the reduced cross-sectional area zone. An injector is fixed to the exhaust conduit for injecting a reagent into the exhaust stream at the downstream zone such that the reagent is injected into the exhaust stream at a venturi effect location of reduced exhaust pressure. The injector is mounted to spray reagent along an injection axis that extends at an angle ranging from 40 to 65 degrees from a longitudinal axis of the conduit.

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

(21) Application No.8931/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention : ACOUSTIC DAMPENING SLEEVE FOR ELECTRONIC EQUIPMENT AND METHOD OF MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:28/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)KELL SYSTEMS LTD. Address of Applicant: Regency House Mere Park Dedmere Road Marlow Bucks SL7 1FJ United Kingdom. (72)Name of Inventor: 1)WALSH Tim 2)FITTON Stephen 3)OTMCOIMIN David
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An acoustic dampening sleeve for electronic equipment and a method of making the same is disclosed. An enclosure for abating noise generated therein includes a housing having a structure defining an internal chamber that has ventilation openings for the ingress and egress of cooling air. The structure cooperates with equipment disposed therein to define intake and exhaust plenums. Air outside the structure passes through the housing ingress opening, into the intake plenum, through the equipment, into the exhaust plenum, and exits the structure through the housing egress opening. The ingress and/or egress openings include baffles. The baffles comprise a resilient material defining openings in fluid communication with the internal chamber and a space outside the housing. The baffles are disposed to prevent or reduce a line of sight between the inside of the structure and the outside of the structure while maintaining open vent channels between the baffles.

No. of Pages: 35 No. of Claims: 16

(21) Application No.8932/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING HOT STANDBY IN CENTRALIZED NETWORK NODES

(51) International classification	:H04L 1/22	(71)Name of Applicant :
(31) Priority Document No	:201010142115.6	1)ZTE CORPORATION
(32) Priority Date	:30/03/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(86) International Application No	:PCT/CN2011/071004	(72)Name of Inventor:
Filing Date	:15/02/2011	1)Mingzhi ZHANG
(87) International Publication No	: NA	2)Zhifeng HU
(61) Patent of Addition to Application	:NA	3)Qiang HE
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

The disclosure discloses a method for realizing hot backup in a centralized network node, in which a main control module and a standby control module are arranged, including: an Resource Reservation Protocol-Traffic Engineering (RSVP-TE) tunnel, which contains two Label Switched Paths (LSPs): a main LSP and a standby LSP, is established for services; and further including: the main control module acquires control information of the main LSP and that of the standby LSP, sets identification information of the control information of the main LSP and that of the standby LSP as Active or Inactive according to the current statuses of the main and standby LSPs, and synchronizes the control information of the main LSP and that of the standby LSP to the standby control module; and the current main control module generates forwarding information according to the control information of the LSP whose identification information is Active, and forwards a service after the switching between the main and standby control modules. The disclosure further discloses a system for realizing the method. The disclosure reduces the switching time and the forwarding time, and improves the service forwarding speed.

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: QUENCHING APPARATUS FOR A REACTOR

(71)Name of Applicant: (51) International classification :F25D9/00,B01J19/00 1)SK INNOVATION CO., LTD. (31) Priority Document No :10-2009-0117940 Address of Applicant :99, SEORIN-DONG, JONGRO-GU. (32) Priority Date :01/12/2009 SEOUL 110-110 Republic of Korea (33) Name of priority country :Republic of Korea (72)Name of Inventor: (86) International Application No :PCT/KR2009/007895 1) JANG, TAE YOUNG Filing Date :29/12/2010 2)AHN, MIN KI (87) International Publication No :WO 2011/068279 A1 3)BAE, SUN HYUK (61) Patent of Addition to Application 4)KIM, GYUNG ROK Number :NA 5)HWANG, YOON MANG Filing Date 6)PARK, KYOO SUNG (62) Divisional to Application Number :NA 7) CHOI, SUN Filing Date :NA 8)KIM, MYUNG JUN

(57) Abstract:

A quenching apparatus for a reactor is disclosed. The quenching apparatus includes a quenching unit (31) and a mixing unit (41). The quenching unit includes fluid distribution pipes (33) which branch off from a central portion of the quenching unit in radial directions and eject quenching fluid, and one or more first fluid outlets (35) which are formed through the bottom of the quenching unit. The mixing unit includes inclined baffles (43), one or more partitions (42) and a second fluid outlet (45). The inclined baffles are respectively disposed under the first fluid outlets. The partitions partition a space between inner and outer sidewalk of the mixing unit into a plurality of separated spaces in which the inclined baffles are respectively disposed. Fluid guided by the inclined baffles and the partitions is discharged out of the mixing unit through the second fluid outlet

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR MAKING LOW DENSITY POLYURETHANE FOAM FOR SOUND AND VIBRATION ABSORPTION

(51) International classification	:C08G65/00	(71)Name of Applicant :
(31) Priority Document No	:61/290,604	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:29/12/2009	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:07/12/2010	1)STEGT, HELMUT
(87) International Publication No	:WO 2011/081793 A1	2)JAMES, ALLAN
(61) Patent of Addition to Application	.NT A	3)BURKS, STEPHEN, A.
Number	:NA :NA	4)REESE, JASON, A.
Filing Date	.NA	5)HONKOMP, DAVID, J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Flexible polyurethane foams that function well in noise and vibration absorption applications are made from a mixture of polyether polyols oxides that each has a hydroxyl equivalent weight of from 1200 to 3000 and at least 70% primary hydroxyl groups. From 5 to 80% by weight of the ethylene oxide-capped polypropylene oxides are nominally difunctional, from 0.5 to 20% by weight of the ethylene oxide-capped polypropylene oxides have a nominal functionality of four or higher, and the balance of the ethylene oxide-capped polypropylene oxides, but not less than 1.5% by weight thereof, are nominally trifunctional.

No. of Pages: 16 No. of Claims: 5

(21) Application No.833/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: A HERBAL COMPOSITION FOR TREATMENT AND CURE OF CANCER

(51) I	A C1172 C/00	(71)N
(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)P.V. SATYANARAYANA RAO
(32) Priority Date	:NA	Address of Applicant :#8-2-603/19. FIRST FLOOR, NEAR
(33) Name of priority country	:NA	RAHMAT MASJID, JAHARA NAGAR CROSS, NANDI
(86) International Application No	:NA	NAGAR ROAD, BANJARA HILLS, ROAD NO.10,
Filing Date	:NA	HYDERABAD-500 034. Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)P.V.SATYANARAYANA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a herbal composition comprising the following: (a) Neem oil (b) Powder of Asvagantha toots (c) Powder and leaves of Tulsi (d) Powder and leaves of Nelavemu (e) Powder and leaves of Sunamukki (f) Powder and leaves of Brahmi (g) Powder made from dried Amla fruits This composition is found to cure cancer without any side effects. 100% cure is observed in cases which are not treated otherwise.

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

(21) Application No.8898/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING A VIRTUAL ACTIVE SET INCLUDING A CLOSED SUBSCRIBER GROUP CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:25/03/2011 : NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Keiichi Kubota 2)Mitsuya Saito
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method, apparatus and computer program product are provided that establishes a virtual active set including a first closed subscriber group (CSG) cell. At least one measured result of each of the first CSG cell and a second CSG cell is measured and the virtual active set is updated by replacing the first CSG cell with the second CSG cell in response to at least one measured result of the second CSG cell having a predefined relationship to the at least one measured result of the first CSG cell for a time to trigger. In regards to updating the virtual active set, the first CSG cell may be replaced with the second CSG cell in response to the at least one measured result of the second CSG cell having a predefined relationship to the at least one measured result of the first CSG cell by at least a predetermined amount for the time to trigger.

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: ACTIVE MATRIX PIXEL WITH INTEGRAL PROCESSOR AND MEMORY UNITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G09G 3/34 :61/327,014 :22/04/2010 :U.S.A. :PCT/US2011/033290 :20/04/2011 : NA :NA	(71)Name of Applicant: 1)QUALCOMM MEMS Technologies Inc. Address of Applicant: 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)GOVIL Alok 2)KAO Tsongming 3)MIGNARD Marc M. 4)GANTI Suryaprakash 5)ELOYD Britis D
(61) Patent of Addition to Application	*	3)MIGNARD Marc M.
(62) Divisional to Application Number Filing Date	:NA :NA	6)KOTHARI Manish

(57) Abstract:

This disclosure provides methods, systems and apparatus for storing and processing image data at the pixel using augmented active matrix pixels. Some implementations of a display device may include a substrate, an array of display elements associated with the substrate and configured to display an image, an array of processor units associated with the substrate, wherein each processor unit is configured to process image data for a respective portion of the display elements and an array of memory units associated with the array of processor units, wherein each memory unit is configured to store data for a respective portion of the disply elements. Some implementations may enable color processing image data at the pixel, layering of image data at the pixel or temporal modulation of image data at the pixel. Further, in some implementations, the display element may be an interferometric modulator (IMOD). Some other implementations may additionally include a display, a processor configured to communicate with the display and a memory device that is configured to communicate with the processor.

No. of Pages: 59 No. of Claims: 29

(22) Date of filing of Application: 17/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR CONTROLLING NON-ADAPTIVE RETRANSMISSION POWER

(51) International classification	:H04W 52/48	(71)Name of Applicant :
(31) Priority Document No	:201010141462.7	1)ZTE CORPORATION
(32) Priority Date	:31/03/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(86) International Application No	:PCT/CN2010/072853	(72)Name of Inventor:
Filing Date	:17/05/2010	1)Lin WANG
(87) International Publication No	: NA	2)Peng ZHANG
(61) Patent of Addition to Application	:NA	3)Liping WANG
Number	:NA	
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure discloses a method and device for power control in non-adaptive retransmission. The solution thereof includes: when UE does not obtain a TPC adjustment value of a current HARQ process by parsing, determining a current power control mode; if the mode is an accumulation mode, determining whether the calculated sum of TPC adjustment values of each HARQ process is smaller than a given threshold, if yes, obtaining a transmission power by adding an increment adjustment value to a retransmission power, otherwise, calculating the transmission power of UE according to a formula in a protocol; if the mode is an absolute value mode, obtaining a transmission power by adding an increment adjustment value to a retransmission power. The solution can improve the SINR detected by an eNB and improve a retransmission success rate, thereby saving radio resources, facilitating utilization of radio resources and reduction of transmission delay, improving the throughput rate of an LTE system and improving the system performance.

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

(21) Application No.8934/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: DOWNLINK TRANSMISSION METHOD AND BASE STATION IN MULTIPLE-INPUT AND MULTIPLE-OUTPUT (MIMO) SYSTEM

(51) International classification	:H04L 1/06	(71)Name of Applicant :
(31) Priority Document No	:201010169502.9	1)ZTE CORPORATION
(32) Priority Date	:11/05/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(86) International Application No	:PCT/CN2010/077786	(72)Name of Inventor :
Filing Date	:15/10/2010	1)Bin LI
(87) International Publication No	: NA	2)Zhaohua ZENG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abatra at :		1

(57) Abstract:

The disclosure provides a downlink transmission method and an eNodeB in a multiple input multiple output system. The method includes: obtaining channel quality indication of a User Equipment (UE) to generate a channel condition indication value; obtaining channel rank indication of the UE to generate a channel correlation indication value; obtaining uplink channel impulse response estimation data of the UE to generate a channel variation state indication value; selecting a downlink transmission mode according to the channel condition indication value, the channel correlation indication value and the channel variation state indication value; transmitting data to the UE in the selected downlink transmission mode. Because of extracting information from a current channel as a basis of a subsequent selection of the downlink mode, the disclosure can greatly improve a resource utilization ratio of a system and realize a better wireless transmission effect.

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

(19) INDIA

(22) Date of filing of Application :17/10/2012

(21) Application No.8935/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: RESISTANCE BAND EXERCISE STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A63B 21/04 :61/316,723 :23/03/2010 :U.S.A. :PCT/US2011/029454 :22/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)CORE ENERGY FITNESS SYSTEMS LLC Address of Applicant:11650 National Blvd. #40 Los Angeles CA 90064 United States of America (72)Name of Inventor: 1)Oscar PEREZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The resistance band exercise station disclosed here is a modular hooking system used to perform a myriad of exercises with various exercise tools that require anchoring such as standard resistance bands suspension straps and stretch straps. The resistance band exercise station includes multiple components: one or more lower units each having column(s) of vertically spaced safety hooks for exercises performed at various heights from the ankle to eye level and an upper unit having one or more safety hooks used for exercises performed above the head. The multiple lower and upper units are wall mounted in varying heights. The safety hooks are used to anchor resistance bands suspension straps and stretch straps from one or multiple points. The safety hooks are open-loop hooks having a barrier member such as a T-bar at the tip to prevent the straps from slipping out.

No. of Pages: 39 No. of Claims: 17

(21) Application No.8936/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REFASTENABLE FASTENING SYSTEM FOR WEARING ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)LIVEDO CORPORATION Address of Applicant: 45-2 Handaotsu Kanadacho Shikokuchuo-shi Ehime 7990122 Japan. (72)Name of Inventor: 1)MIYAKE Hirofumi 2)OKAWA Miyuki 3)TATSUKAWA Akiko
Filing Date	:NA	
/ `		

(57) Abstract:

A wearing article comprising a main unit having a fastening part and a positioning sheet member having one surface and the other surface wherein the one surface of the positioning sheet member is detachably joined to the fastening part and the other surface of the positioning sheet is provided with a fixing means which is capable of being fixed to the main unit when the wearing article is worn.

No. of Pages: 22 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.8434/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: TOOLBOX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/03/2011 : NA :NA :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)Yoshiki NAKAZAWA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A toolbox includes a box body 11 that stores a tool and a cover 12 that covers an opening portion 11K of the box body 11 wherein cutouts 23 and 24 that are opened toward an outer side of the above opening portion 11K are formed in side walls 22 of the box body 11 fitting convex portions 25 and 26 that are fitted to the cutouts 23 and 24 are provided on the cover 12 the cover 12 is internally fitted to the opening portion 11K of the box body 11 and a closed section is formed in a state in which the cover 12 is mounted to the box body 11.

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

(21) Application No.8945/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MODULATING FUNCTION OF THE FACIAL NERVE SYSTEM OR RELATED NEURAL STRUCTURES VIA THE EAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61N 1/18 :61/330,366 :02/05/2010 :U.S.A. :PCT/US2011/034378 :28/04/2011 : NA	(71)Name of Applicant: 1)LAKE BIOSCIENCES LLC Address of Applicant: 1 St. Francis Place Suite 2807 San Francisco CA 94107 United States of America (72)Name of Inventor: 1)BORSODY Mark Klingler
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Stimulation of the facial nerve system (e.g. electrically electromagnetically etc.) in stroke patients will cause dilation of occluded arteries and dilation of surrounding arteries allowing for blood flow to circumvent the obstruction and reach previously-deprived tissue. The device approaches the facial nerve and its branches in the vicinity of the ear. In use the device can be inserted into the ear canal or placed in proximity to the ear in order to stimulate the facial nerve system without puncturing the tympanic membrane. The device can also be advanced into the middle ear through a puncture created in the tympanic membrane. Branches of the facial nerve in the middle ear can then be stimulated directly. The device can be used in the emergency treatment of acute stroke or as chronically-implanted / inserted variations for long-term maintenance of blood flow to the brain and stroke prevention.

No. of Pages: 67 No. of Claims: 64

(22) Date of filing of Application: 18/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: COMPOSITE STRUCTURAL MATERIAL FORMED PRODUCT AND PACKAGING MATERIAL USING THE SAME METHOD FOR PRODUCING THE COMPOSITE STRUCTURAL MATERIAL AND COATING LIQUID

(51) International classification	:B32B 9/00	(71)Name of Applicant :
(31) Priority Document No	:2010-077032	1)KURARAY CO. LTD.
(32) Priority Date	:30/03/2010	Address of Applicant: 1621 Sakazu Kurashiki-shi Okayama
(33) Name of priority country	:Japan	710-0801 Japan
(86) International Application No	:PCT/JP2011/001936	(72)Name of Inventor:
Filing Date	:30/03/2011	1)YOSHIDA Kentaro
(87) International Publication No	: NA	2)SASAKI Ryoichi
(61) Patent of Addition to Application	:NA	3)OMODA Mamoru
Number	:NA	4)HIROSE Wataru
Filing Date	.INA	5)SHIBATA Manabu
(62) Divisional to Application Number	:NA	6)OSHITA Tatsuya
Filing Date	:NA	

(57) Abstract:

The composite structural material of the present invention includes a base (X) and a layer (Y) stacked on the base (X). The layer (Y) includes a reaction product (R) of a metal oxide (A) and a phosphorus compound (B). In the infrared absorption spectrum of the layer (Y) in the range of 800 to 1400 cm-1 the wave number (n1) at which the infrared absorption reaches maximum is in the range of 1080 to 1130 cm-1.

No. of Pages: 107 No. of Claims: 36

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PLANT MATERIAL COMPOSITIONS AND METHOD FOR PREPARING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C08L 3/02 :1052184 :25/03/2010 :France :PCT/FR2011/050633 :24/03/2011 : NA :NA	(71)Name of Applicant: 1)ROQUETTE FRERES Address of Applicant: F-62136 Lestrem France (72)Name of Inventor: 1)BERNAERTS Jo«l 2)COUDYSER Laurie 3)MENTINK Lon 4)BEAUDOUX Didier 5)CONSTANT Bernard
- 14 4-	:NA :NA :NA	S)CONSTANT Derilard

(57) Abstract:

The present invention relates to a novel thermoplastic composition, characterized in that it contains: a) 15% to 60% of at least one starchy material; b) 10% to 30% of at least one starchy material plasticizer; c) 15% to 70% of at least one polyolefin; and d) 10% to 40% of at least one plant material selected among plant fibers and plant fillers. The invention also relates to a thermoplastic composition preparation method that includes the following steps: (i) selecting at least one composition (a) containing at least one starchy material, one plasticizer of said starchy material, and one polyolefin; (ii) selecting at least one plant material (b) selected among plant fibers and plant fillers, said plant material being formed of particles, the dimensions of which are between 0.5 and 5000 micrometers; and (iii) mixing the composition (a) and the plant material (b) so as to obtain the thermoplastic composition according to the invention.

No. of Pages: 48 No. of Claims: 21

(22) Date of filing of Application: 18/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR THE MANUFACTURE OF GLAZING COMPRISING A DECORATIVE FILM AND GLAZING COMPRISING A DECORATIVE FILM

(51) International classification :B44C 1/17 (31) Priority Document No :1052906 (32) Priority Date :16/04/2010 (33) Name of priority country :France (86) International Application No :PCT/FR2011/050871 (72)Name of Inventor : Filing Date :15/04/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant: 1)SAINT-GOBAIN GLASS FRANCE

(21) Application No.8950/CHENP/2012 A

Address of Applicant :18 Avenue dAlsace F-92400

Courbevoie France

1)VERRAT-DEBAILLEUL Ad"le

2)LEFEVRE Pascal 3)FROISSARD Lo-c

(57) Abstract:

(19) INDIA

The invention relates to a process for manufacturing a glazing unit (1) comprising a glazed element (2) optionally equipped with a portion of a profiled strip (3) said glazing unit (1) having at least one flexible part and/or one hard part said flexible part belonging to said profiled strip (3) and said hard part belonging to said glazed element (2) or to said profiled strip (3) characterized in that at least one film (4) comprising a substrate (40) having a rear face (41) and a front face (42) on which a decorative coating (45) is positioned is applied to said glazing unit (1) the film (4) being pressed against the glazing unit by applying at least one punch (54) against the rear face (41) of the substrate (40).

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

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DONOR SUBSTRATE, PATTERNING METHOD, AND METHOD FOR PRODUCING DEVICE

(51) International classification	:H05B33/10,H01L51/50	(71)Name of Applicant:
(31) Priority Document No	:2009-275266	1)TORAY INDUSTRIES, INC.
(32) Priority Date	:03/12/2009	Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-
(33) Name of priority country	:Japan	CHOME, CHUO-KU, TOKYO 103-8666 Japan
(86) International Application No	:PCT/JP2010/071431	(72)Name of Inventor:
Filing Date	:01/12/2010	1)FUJIMORI, SHIGEO
(87) International Publication No	:WO 2011/068111 A1	2)TANIMURA, YASUAKI
(61) Patent of Addition to Application	:NA	3)NISHIMURA, SEIICHIRO
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a donor substrate including a support; a light-to-heat conversion layer and a transfer prevention layer formed on the support; and a transferring material layer formed on a top surface of the light-to-heat conversion layer and the transfer prevention layer; wherein a transfer region and an antitransfer region are formed by combinations of the light-to-heat conversion layer and the transfer prevention layer, and the transferring material layer is formed on the whole surface of the transfer region and at least one part of the antitransfer region. The present invention provides a patterning method which enables large-scale and high-accuracy fine patterning at low cost without causing deterioration of characteristics of thin films which constitute devices such as organic light emitting devices, and a method for producing a device.

No. of Pages: 96 No. of Claims: 12

(21) Application No.5724/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: LIVE BIOLOAD DETECTION USING MICROPARTICLES

(51) International classification :B01L3/00,B01L3/14,C12M1/12 (71)Name of Applicant :

(31) Priority Document No :61/291,301 (32) Priority Date :30/12/2009 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2010/062517

Filing Date :30/12/2010

(87) International Publication No: WO 2011/082309 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor:

1)RAJAGOPAL, RAJ 2)HALVERSON, KURT, J. 3)KSHIRSAGAR, MANJIRI T.

4)AYSTA, JAMES, E.

(57) Abstract:

The present invention provides methods to concentrate cells onto microparticles, to concentrate the microparticles, and to detect the cells. The present invention also includes unitary sample preparation and detection devices to be used in accordance with the methods.

No. of Pages: 105 No. of Claims: 10

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INFLOW CONTROL IN A PRODUCTION CASING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21B43/12 :09177927.2 :03/12/2009 :EPO :PCT/EP2010/068817 :03/12/2010 :WO 2011/067371 A1 :NA :NA	(71)Name of Applicant: 1)WELLTEC A/S Address of Applicant: GYDEVANG 25, DK-3450 ALLEROD Denmark (72)Name of Inventor: 1)HALLUNDBAEK, JORGEN 2)HAZEL, POUL
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a downhole inflow control system for controlling an inflow of fluid into a casing from outside the casing, such as from a reservoir or an intermediate casing. The downhole inflow control system comprises a casing having an axial extension and a wall having a wall thickness (t), an inflow control valve having a housing, an axial extension in an axial direction along the housing, and a spring element moving in relation to the housing, thereby controlling the inflow of fluid through the valve from an inlet of the housing to an outlet of the housing.

No. of Pages: 33 No. of Claims: 19

(21) Application No.5728/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention : GRAPHITE-CONTAINING PLATE AND METHOD FOR PRODUCING A GRAPHITE-CONTAINING PLATE

(51) International classification	:C08K3/04	(71)Name of Applicant :
(31) Priority Document No	:10 2009 055 441.6	1)SGL CARBON SE
(32) Priority Date	:31/12/2009	Address of Applicant :RHEINGAUSTRASSE 182, 65203
(33) Name of priority country	:Germany	WIESBADEN Germany
(86) International Application No	:PCT/EP2010/070979	(72)Name of Inventor:
Filing Date	:31/12/2010	1)GUCKERT, WERNER
(07) Intermedianal Dalifordian Na	:WO 2011/080339	2)KIPFELSBERGER, CHRISTIAN
(87) International Publication No	A1	3)RAUCH, SIEGFRIED
(61) Patent of Addition to Application	NT A	4)MICHELS, ROBERT
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
1 11110 2 4114	** 1* *	

(57) Abstract:

The invention relates to a graphite-containing plate (5) which contains a solidified mixture of essentially evenly distributed graphite particles (6) and plastic particles (7).

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

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIPID BINDING NUCLEIC ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/115 :10 004 253.0 :21/04/2010 :EPO :PCT/EP2011/002068 :21/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)NOXXON Pharma AG Address of Applicant: Max-Dohrn-Str. 8-10 D-10589 Berlin Germany. (72)Name of Inventor: 1)PURSCHKE Werner 2)KLUSSMANN Sven 3)BUCHNER Klaus 4)SCHWOEBEL Frank 5)HOEHLIG Kai
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(21) Application No.8978/CHENP/2012 A

(57) Abstract:

The present invention is related to a nucleic acid molecule capable of binding to a lipid.

No. of Pages: 119 No. of Claims: 62

(21) Application No.8979/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GENETICALLY MODIFIED PARAMYXOVIRUS FOR TREATMENT OF TUMOUR DISEASES

(51) International classification	:C07K 14/115	(71)Name of Applicant:
(31) Priority Document No	:10 2010 018 961.8	1)Eberhard-Karls-Universitaet Tuebingen
(32) Priority Date	:23/04/2010	Universitaetsklinikum
(33) Name of priority country	:Germany	Address of Applicant :Geissweg 3 72076 Tuebingen
(86) International Application No	:PCT/EP2011/056290	Germany.
Filing Date	:20/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)Ulrich Manfred Lauer
(61) Patent of Addition to Application	:NA	2)Michael Bitzer
Number	:NA	3)Martina Zimmermann
Filing Date	.IVA	4)Sorin Armeanu-Ebinger
(62) Divisional to Application Number	:NA	5)Sascha Bossow
Filing Date	:NA	6)Wolfgang Neubert
		·

(57) Abstract:

The present invention relates to a genetically modified Paramyxovirus a pharmaceutical composition comprising this paramyxovirus the use of a genetically modified Paramyxovirus for the therapeutic and/or prophylactic treatment of a tumor disease and a method for the production of a pharmaceutical composition for the therapeutic or prophylactic treatment of a tumor disease.

No. of Pages: 66 No. of Claims: 19

(21) Application No.898/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF (S)-N, N-DIMETHYL-3- (NAPHTHALEN-1-YLOXY) -1- PHENYLPROPAN-1-AMINE AND ITS SALTS

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST),
(86) International Application No	:NA	- 502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MANNE SATYANARAYANA REDDY
(61) Patent of Addition to Application Number	:NA	2)CHAKILAM NAGARAJU
Filing Date	:NA	3)ACHAMPETA KODANDA RAMPRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improved process for the preparation of (S)-N, N-dimethyl-3-(naphthalen-l-yloxy)-l-phenylpropan-1-amine hydrochloride compound of formula-A.

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

(21) Application No.5658/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: PARTNER PORTAL SOLUTION FOR FINANCIAL SECTOR

(51) International :G06F15/16,G06Q10/00,G06Q40/00 classification

(31) Priority Document No :3237/CHE/2009 (32) Priority Date :30/12/2009

(33) Name of priority country:India

(86) International :PCT/IN2010/000862

Application No :29/12/2010 Filing Date

(87) International Publication :WO 2011/080762 A1

No

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

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

(71)Name of Applicant: 1)INFOSYS LIMITED

Address of Applicant :PLOT NO.44 ELECTRONICS CITY. HOSUR ROAD, BANGALORE - 560 100 Karnataka India

(72)Name of Inventor:

1)MAIYA, RAJASHEKARA VISWESWARA 2)KUNDAGRAMI, CHANDRAMOULI

(57) Abstract:

A variety of technologies for partner portals are presented. The portal can support a wide variety of partner types and supporting functionality. Rights administration by partners can be supported via the portal. Common access functions, generic framework functions, co-partnering functions, and other functions can be supported. Partner collaboration workflow can support a variety of processes. Customer onboarding can be accomplished by partners via the portal. Numerous other scenarios can be supported, such as partner empanelment, co-branding, incentive specification, tracking, and fulfillment, and communication between customers and independent service providers. .

No. of Pages: 56 No. of Claims: 27

(22) Date of filing of Application :15/02/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A PROCESS FOR DETECTION AND OPTIONAL QUANTIFICATION OF AN ANALYTE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G01N :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BIOCON LIMITED Address of Applicant:20th KM Hosur Road Electronic City P.O. Bangalore 560 100 Karnataka India. (72)Name of Inventor: 1)NILANJAN SENGUPTA 2)ANITA RAO UDIAVAR 3)SENTHIL THANGAMUTHU 4)VIVEK GOPAL NAYAK 5)RANJIT RAVINDRAN PILLAI 6)LAXMIKANT VASHISHTA 7)SHILPA GOVINDA RAMASWAMY 8)VISHIKA HEGDE 9)RAMAKRISHNAN MELARKODE
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(57) Abstract:

The present disclosure relates to a process for detecting and optionally quantifying an analyte in a sample in the presence of a soluble target of the analyte. The soluble target forms a complex with the analyte and thus may interfere in determining the total analyte concentration. The process of the present invention utilizes a unique modified citrate buffer for diluting the sample containing the analyte and the soluble target which in turn helps in dissociating the analyte-soluble target complex, thereby enabling the process of the disclosure to detect and optionally quantify measure the analyze accurately.

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

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD OF SMART AUDIO LOGGING FOR MOBILE DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Inventor: 1)LEE Te-Won 2)EL-MALEH Khaled 3)YOO Heejong 4)SHIN Jongwon
Filing Date	:NA	

(57) Abstract:

A mobile device that is capable of automatically starting and ending the recording of an audio signal captured by at least one microphone is presented. The mobile device is capable of adjusting a number of parameters related with audio logging based on the context information of the audio input signal.

No. of Pages: 93 No. of Claims: 168

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BUILDING WITH REINFORCED GROUND

(51) International classification	:E02D29/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TERRE ARMEE INTERNATIONALE
(32) Priority Date	:NA	Address of Applicant :1Bis rue du Petit Clamart F-78140
(33) Name of priority country	:NA	Velizy Villacoublay France
(86) International Application No	:PCT/FR2010/050552	(72)Name of Inventor:
Filing Date	:25/03/2010	1)FREITAG Nicolas
(87) International Publication No	: NA	2)MORIZOT Jean-Claude
(61) Patent of Addition to Application	:NA	3)BERARD Gilles
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The invention relates to a building including a cladding a backfill at the back of the cladding synthetic reinforcement strips distributed in the backfill and a connection system between the reinforcement strips and the backfill. The connection system includes fasteners having the shape of a continuous closed loop each including two first portions for hooking to the cladding and alternating with the first portions along the closed loop shape two second portions extending towards the back of the cladding where they are folded back to form two loops inside of which at least one reinforcement strip extends.

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

(21) Application No.8974/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BRUSHLESS COUNTER-ROTATING ELECTRIC APPARATUS AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)WISHART Randall Address of Applicant:316 California Avenue #314 Reno Nevada 89509 United States of America (72)Name of Inventor: 1)WISHART Randall
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A brushless counter-rotating electric apparatus motor wheel hub motor and associated vehicle includes a brushless counter-rotating electric motor that has oppositely rotating armature and stator components oppositely rotating armature and stator output drives and when associated with a vehicle a control assembly for speed-on/off control of the motor and a portable electric power supply.

No. of Pages: 66 No. of Claims: 24

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING A TRUST LEVEL TO ACCESS A RESOURCE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No SPCT/CN2 (26/03/201 (26/03/201 (27/03	1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland 2010/071350 (72)Name of Inventor :
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(57) Abstract:

An approach is provided for providing a trust level to access a resource. A system receives a request at a device, from a first user, to access a resource associated with a second user. The resource is further associated with a predetermined privacy level. The system calculates a trust level between the first user and the second user based, at least in part, on a trust metric. The system then determines whether the trust level meets the predetermined privacy level and grants an access right to the resource based, at least in part, on the determination.

No. of Pages: 57 No. of Claims: 55

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GEAR-SHIFT CONTROL APPARATUS FOR AUTOMATIC TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16H 61/02 :2010-071248 :26/03/2010 :Japan :PCT/JP2011/056323 :17/03/2011 : NA :NA	(71)Name of Applicant: 1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant: 1 Asahi-machi 2-chome Kariya-shi Aichi 448-8650 Japan (72)Name of Inventor: 1)HANEDA Yoshitomi
\ /		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.8937/CHENP/2012 A

(57) Abstract:

Provided is a gear-shift control apparatus for an automatic transmission which is capable of switching modes and which makes it possible to improve operability fuel consumption drivability and convenience and to simplify control. The gear-shift control apparatus comprises: a shift-hold-level-calculation unit for calculating in accordance with operation of a driver a shift hold level that varies between 0% representing a complete automatic transmission state and 100% representing a complete manual transmission state; and a gear-shift processing unit for performing gear-shift control processing for an automatic transmission (2) in accordance with the shift hold level calculated by the shift-hold-level-calculation unit.

No. of Pages: 47 No. of Claims: 8

(21) Application No.8938/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MAGNETIC HOOK WITH ENGAGEMENT MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A44B 17/00 :2010-072493 :26/03/2010 :Japan :PCT/JP2011/055703 :10/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)TOKYO ANGEL CORPORATION HEAD OFFICE Address of Applicant: 4-9 Ooyada 5-chome Adachi-ku Tokyo 1200001 Japan 2)NIHON ANGEL CORPORATION 3)TOKYO LOCK CO. LTD. (72)Name of Inventor: 1)SAITO Shunichi 2)AKAMATSU Kunio
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(57) Abstract:

To provide a fastener provided with an engagement mechanism, which is small and lightweight and which is difficult to be easily unfastened. A magnetic snap fastener provided with an engagement mechanism, comprising a female snap half having a lock portion and a male snap half having a dowel, wherein the lock portion of the female snap half has a hook engageable with the dowel of the male snap half, a guide to hold the hook, a drive member formed from a magnetic material to release the engagement of the hook with the dowel of the male snap half, and a spring to bias the hook to be in a locked state, whereby the female snap half and the male snap half are fastened and locked by engaging the hook with the dowel of the male snap half, and the engagement of the hook is released by moving the drive member by means of the magnetic force of the magnet key to let the female snap half and the male snap half be in an unlocked state to separate the snap halves.

No. of Pages: 21 No. of Claims: 5

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: WEAR-RESISTANT SEPARATING DEVICE FOR REMOVING SAND AND ROCK PARTICLES

(51) International classification	:E21B 43/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ESK Ceramics GmbH & Co. KG
(32) Priority Date	:NA	Address of Applicant :Max-Schaidhauf-Strasse 25 87437
(33) Name of priority country	:NA	Kempten Germany
(86) International Application No	:PCT/EP2010/002080	2)MAERSK OLIE OG GAS AS
Filing Date	:31/03/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)WILDHACK Stefanie
(61) Patent of Addition to Application	:NA	2)KAYSER Armin
Number	:NA	3)JOLY Samuel
Filing Date	.11/1	4)MSSIG Siegfried
(62) Divisional to Application Number	:NA	5)WAHRMANN Klaus
Filing Date	:NA	6)P–HLING Fabian

(57) Abstract:

The subject matter of the invention is a separating device for removing sand and rock particles which is suitable as an integral component part of extraction equipment for the extraction of liquids or gases from deep wells, the separating device comprising at least one ceramic filter module (1), the filter module (1) comprising a) an annular stack (6) of brittle-hard annular discs (7), the upper side (16) of which has at least three elevations (8) uniformly distributed over the circular circumference of the discs, the discs (7) being stacked and braced in such a way that a separating gap (9) for the removal of sand and rock particles is present in each case between the individual discs (7), b) a coupling-on element (10) at the upper end and a coupling-on element (11) at the lower end of the annular stack (6), c) a clamping device (14, 15) for the axial bracing of the annular stack (6), d) an outer cage (5) for the mechanical protection of the filter module (1), e) a coupling element (12) at the upper end and a coupling element (13) at the lower end of the filter module (1) for connecting the filter module (1) to further components of the extraction equipment. The subject matter of the invention likewise covers the use of a separating device according to the invention for removing sand and rock particles in a process for extracting liquids or gases from wells drilled in rock or deep wells.

No. of Pages: 51 No. of Claims: 27

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PREPARATION OF ORGANOHALOSILANES

(51) International classification	:C07F7/12	(71)Name of Applicant :
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(31) Priority Document No	:61/349,245	1)DOW CORNING CORPORATION
(32) Priority Date	:28/05/2010	Address of Applicant :2200 West Salzburg Road Midland MI
(33) Name of priority country	:U.S.A.	48686-0994 United States of America
(86) International Application No	:PCT/US2011/031356	(72)Name of Inventor:
Filing Date	:06/04/2011	1)DASH Aswini K.
(87) International Publication No	: NA	2)HALL Charles Alan
(61) Patent of Addition to Application	:NA	3)KATSOULIS Dimitris
Number	*	4)LARSEN Robert Thomas
Filing Date	:NA	5)MCLAUGHLIN Matthew J.
(62) Divisional to Application Number	:NA	6)WINELAND Jonathan David
. ,		O) WINEDAND JUHAMAH DAVIU
Filing Date	:NA	

(57) Abstract:

A process for preparing organohalosilanes comprising combining hydrogen a halosilane having the formula HaSiX4-a (I) and an organohalide having the formula RX (II) wherein R is C1-C10 alkyl or C4-C10 cycloalkyl each X is independently halo and the subscript a is 0 1 or 2 in the presence of a sufficient amount of a catalyst effective in enabling the replacement of one or more of the halo groups of the halosilane with the R group from the organohalide at a temperature from 200 to 800 °C to form an organohalosilane and a hydrogen halide wherein the volumetric ratio of hydrogen to halosilane is from 1:3 to 1:0.001 and the volumetric ratio of hydrogen to organohalide is from 1:1 to 1:0.001 and wherein the catalyst is optionally treated with the hydrogen or the halosilane prior to the combining.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: DYNAMICALLY RECONFIGURABLE FRAMEWORK FOR A LARGE-SCALE BATTERY SYSTEM

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2010/030525 :09/04/2010 :PCT	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant: Office of Technology Transfer 1600 Huron Parkway 2nd Floor Ann Arbor Michigan 48109-2590 United States of America (72)Name of Inventor: 1)KIM Hahnsang 2)SHIN Kang G.
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(57) Abstract:

A dynamically reconfigurable framework is provided for a large-scale battery system. The framework is comprised of a plurality of battery circuits arranged adjacent to each other to form a battery-cell array that is coupled to an application load. A given battery circuit includes: a battery cell with an input terminal and an output terminal; a first switch connected between the load and an input terminal of the battery cell; a second switch is connected between an input terminal of the battery cell and an output terminal of a battery cell in an immediately adjacent battery circuit; and a third switch connected between the output terminal of the battery cell and the output terminal of the battery cell in the adjacent battery circuit. The battery-cell array also includes a local controller that selectively controls the switches in the plurality of battery circuits.

No. of Pages: 58 No. of Claims: 21

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR NEIGHBOR CELL OPTIMIZATION IN WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W24/02	(71)Name of Applicant :
(31) Priority Document No	:201010145529.4	1)ZTE CORPORATION
(32) Priority Date	:13/04/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan District Shenzhen Guangdong Province
(86) International Application No	:PCT/CN2011/072284	518057 China
Filing Date	:30/03/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)WANBIN QIU
(61) Patent of Addition to Application	:NA	2)LIPING LUO
Number	:NA	3)KAI WANG
Filing Date	.IVA	4)DONGMEI HE
(62) Divisional to Application Number	:NA	5)HAO ZHENG
Filing Date	:NA	

(57) Abstract:

The present invention provides a method and apparatus for neighbor cell optimization in wireless communication network, comprising: statistically calculating a level difference between serving cell frequency point signal and any neighbor cell frequency point signal in a neighbor cell of a serving cell during a period of time, performing grade-based cumulative count to obtain a level difference grade sample number, and obtaining an interference index of the neighbor cell frequency point to the serving cell by processing the level difference grade sample number (S101); performing cell positioning on the neighbor cell frequency point by using a path loss positioning algorithm to find a positioned cell of the neighbor cell frequency point (S 102); and configuring a neighbor cell relation for the serving cell according to the interference index and the positioned cell (S103). By applying the solution, the problem of low working efficiency and low accuracy can be solved.

No. of Pages: 23 No. of Claims: 17

(21) Application No.9008/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR HANDOVER BASED ON RADIO RESOURCE ALLOCATION DATABASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W36/00 :201010186613.0 :25/05/2010 :China :PCT/CN2010/078038 :22/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China. (72)Name of Inventor: 1)Min WEI 2)Nan ZHAO 3)Feng LI 4)Aihua PENG 5)Senbao GUO
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(57) Abstract:

The disclosure discloses a method for handover based on a radio resource allocation database. The method includes that the radio resource allocation database is constructed and dynamically maintained; after receiving a handover request from a User Equipment (UE), a Base Station (BS) determines in the database a Radio Access Technology (RAT) and the corresponding carrier frequency resources suitable for a current communication condition of the UE for the UE according to a handover reason in the handover request, and notifies the UE of information regarding the determined RAT and information regarding the corresponding carrier frequency resource; and the UE performs QoS verification on the RAT and the corresponding carrier frequency resources notified by the BS, and switches to the corresponding carrier frequency with the RAT notified by the BS when the QoS on the RAT and the corresponding carrier frequency resources is superior to that of current communication. Meanwhile, the disclosure further discloses a system for handover based on a radio resource allocation database. The disclosure improves a resource usage rate and the QoS of a current communication system. The disclosure enables the UE to complete the handover quickly, such that user experience is improved.

No. of Pages: 22 No. of Claims: 14

(21) Application No.8980/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR DETECTING AN IDENTIFICATION MARK INVISIBLE TO THE NAKED EYE ON THE SURFACE OF A VALUABLE ARTICLE A METHOD FOR POSITIONING IT OVER THE COURSE OF DETECTION AND A DETECTOR FOR PROCESS IMPLEMENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N 21/956 :2010111640 :29/03/2010 :Russia :PCT/RU2011/000171 :18/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)NIZIENKO Yuri Konstantinovich Address of Applicant: Sirenevy bulvar 5-124 Troitsk Moskovskaya obl. 142190 Russia (72)Name of Inventor: 1)NIZIENKO Yuri Konstantinovich
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(57) Abstract:

This detection method is performed in the following manner. Article 3 is placed and secured on positioning tool (PT) 4 so as to ensure that center 5 of the surface in question (SIQ), 2, lines up with optical axis 6 of the viewing tool. PT 4 is secured in the axial direction relative to optical system (OS) 8. The backlighting of SIQ 2 by light beam 9 from source 10 is arranged. During the last step, the user views and observes mark 1 in the reflected light beams, 11, by means of adjusting the viewing tool (for example, eyepiece 12) of OS 8. A self-centering clamping device with two reciprocally moving jaws, 14 and 15, that have retaining surfaces, 16 and 17, and seating surfaces, 18 and 19, respectively, is used as PT 4. Over the course of positioning, surface 2 of article 3 bearing mark 1 is placed in the plane of seating surfaces 18 and 19 of the clamping deviceTMs jaws 14 and 15. The distance from the center of SIQ 2 of article 3 to focal point F of eyepiece 12 ensures a constant value for a predetermined range of standard sizes of the articles, 3, undergoing detection. To this end, the mutual spatial immobilization of PT 4 and OS 8 in the axial plane is accomplished in the same position for which the one-time adjustment of the eyepiece is also ensured. The following are distinctive features of the positioning method. Before article 3 is placed and secured on PT 4, the article 3 surface bearing mark 1 is lined up with independent reference plane 20. Seating surfaces 18 and 19 of jaws 14 and 15 in the separated position are then brought into contact with plane 20, thereby ensuring the capture of article 3 by retaining surfaces 16 and 17, and it is secured. Thereafter, PT 4 and OS 8 are secured in the predetermined position. This detector is envisioned for the implementation of the methods. 3 independent claims (i.c.), 5 illustration (il.)

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

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR TEMPERING GLASS SHEET AND APPARATUS THEREFOR

(51) Intermedianal alassification	.C02D 27/044	(71)Nome of Applicant.
(51) International classification	:C03B 27/044	(71)Name of Applicant:
(31) Priority Document No	:2010-079664	1)Asahi Glass Company Limited
(32) Priority Date	:30/03/2010	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 100-8405 Japan
(86) International Application No	:PCT/JP2011/058127	(72)Name of Inventor:
Filing Date	:30/03/2011	1)Isao Saito
(87) International Publication No	: NA	2)Junji Hori
(61) Patent of Addition to Application	:NA	3)Kiyota Miyazaki
Number		4)Tomohiro Suwa
Filing Date	:NA	5)Yasumasa Kato
(62) Divisional to Application Number	:NA	6)Satoshi Yoshida
Filing Date	:NA	7)Kazushige Yoda

(57) Abstract:

To provide a method for tempering a glass sheet, which causes a greater temperature difference between the surfaces and the center portion of the glass sheet. The method for tempering a glass sheet of the present invention comprises a heating step of heating the glass sheet to a temperature close to the softening point of the glass sheet, a quenching step of blowing a cooling medium to both surfaces in the thickness direction of the heated glass to cool it, and a pre-quenching step between the heating step and the quenching step and further has an internal heating substep of selectively heating the vicinity of the center portion in the thickness direction of the glass sheet at least in the quenching step, to create such a state that when the temperature at the center portion in the thickness direction of the glass sheet is close to the tempering point, the temperature at the surfaces in the thickness direction of the glass sheet is not higher than the annealing point.

No. of Pages: 38 No. of Claims: 15

(21) Application No.8982/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD TO RENDER SURFACES WATER REPELLENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C08K 3/32 :61/365,975 :20/07/2010 :U.S.A. :PCT/US2011/043017 :06/07/2011 : NA :NA	(71)Name of Applicant: 1)H2O BARRIER TECHNOLOGIES LLC Address of Applicant: 3605 Sandy Plains Road Suite 240-475 Marietta GA 30066-3068 U.S.A. (72)Name of Inventor: 1)RULE Mark 2)HARSHAW Harry
1 (41110-41		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method to render stone ceramic or cementitious structures water repellent is disclosed. The method includes the step of contacting the stone ceramic or cementitious structures with an alkylphosphonic acid. The alkylphosphonic acid can be dispersed in an aqueous medium and can be at least partially neutralized with ammonia an amine or a basic alkali salt.

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

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F15B 11/02 :201010145313.8 :13/04/2010 :China :PCT/CN2011/072627 :11/04/2011 : NA	(71)Name of Applicant: 1)CHANGSHA ZOOMLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY DEVELOPMENT CO. LTD. Address of Applicant: No. 361 Yinpen South Road Yuelu District Changsha Hunan 410013 China. 2)HUNAN ZOOMLION SPECIAL VEHICLE CO. LTD. (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	1)ZHAN Chunxin 2)LIU Quan 3)ZHANG Yuan 4)SONG Chunyang 5)WANG Shaojun 6)YUAN Zhihua

(57) Abstract:

A hydraulic control system and a hydraulic control method are disclosed. The hydraulic control system comprises a first closed pump (P1) and a first engine (M1) connected with each other a second closed pump (P2) and a second engine (M2) connected with each other and a hydraulic motor (P3). The first closed pump (P1) the second closed pump (P2) and the hydraulic motor (P3) are connected in parallel. Compared with the prior art the present hydraulic control system has advantages of wider engine model selection range higher reliability and better micro-motion performance.

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

(21) Application No.9024/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SEED LAYER AND FREE MAGNETIC LAYER FOR PERPENDICULAR ANISOTROPY IN A SPINTORQUE MAGNETIC RANDOM ACCESS MEMORY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G11B 5/33 :12/815,923 :15/06/2010 :U.S.A. :PCT/US2011/036910 :18/05/2011 : NA :NA	 (71)Name of Applicant: 1)International Business Machines Corporation Address of Applicant: New Orchard Road Armonk New York 10504 U.S.A. (72)Name of Inventor: 1)WORLEDGE Daniel C.
\ <i>,</i>		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A magnetic layer that includes a seed layer comprising at least tantalum and a free magnetic layer comprising at least iron. The free magnetic layer is grown on top of the seed layer and the free magnetic layer is perpendicularly magnetized. The magnetic layer may be included in a magnetic tunnel junction (MTJ) stack.

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

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MICROMACHINED PIEZOELECTRIC Z-AXIS GYROSCOPE

(51) International classification	:G01C 19/56	(71)Name of Applicant:
(31) Priority Document No	:61/343,600	1)QUALCOMM MEMS Technologies Inc.
(32) Priority Date	:30/04/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121-1714 U.S.A.
(86) International Application No	:PCT/US2011/032920	(72)Name of Inventor:
Filing Date	:18/04/2011	1)ACAR Cenk
(87) International Publication No	: NA	2)SHENOY Ravindra Vaman
(61) Patent of Addition to Application	:NA	3)BLACK Justin Phelps
Number	:NA	4)PETERSEN Kurt Edward
Filing Date		5)GANAPATHI Srinivasan Kodaganallur
(62) Divisional to Application Number	:NA	6)STEPHANOU Philip Jason
Filing Date	:NA	

(57) Abstract:

This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for making and using gyroscopes. Such gyroscopes may include a central anchor a sense frame disposed around the central anchor a plurality of sense beams configured for connecting the sense frame to the central anchor and a drive frame disposed around and coupled to the sense frame. The gyroscope may include pairs of drive beams disposed on opposing sides of the sense frame. The gyroscope may include a drive frame suspension for substantially restricting a drive motion of the drive frame to that of a substantially linear displacement along the first axis. The sense frame may be substantially decoupled from drive motions of the drive frame. Such devices may be included in a mobile device such as a mobile display device.

No. of Pages: 133 No. of Claims: 21

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : MICROMACHINED PIEZOELECTRIC THREE-AXIS GYROSCOPE AND STACKED LATERAL OVERLAP TRANSDUCER (SLOT) BASED THREE-AXIS ACCELEROMETER

(51) International classification	:G01P 15/125	(71)Name of Applicant:
(31) Priority Document No	:61/343,600	1)QUALCOMM MEMS TECHNOLOGIES INC.
(32) Priority Date	:30/04/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121-1714 U.S.A.
(86) International Application No	:PCT/US2011/032926	(72)Name of Inventor:
Filing Date	:18/04/2011	1)STEPHANOU Philip Jason
(87) International Publication No	: NA	2)ACAR Cenk
(61) Patent of Addition to Application	:NA	3)SHENOY Ravindra Vaman
Number	*	4)BURNS David William
Filing Date	:NA	5)BLACK Justin Phelps
(62) Divisional to Application Number	:NA	6)PETERSEN Kurt Edward
Filing Date	:NA	7)GANAPATHI Srinivasan Kodaganallur

(57) Abstract:

This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for making and using x-axis gyroscopes y-axis gyroscopes z-axis gyroscopes two-axis accelerometers and three-axis accelerometers. Combining fabrication processes for such devices can enable the monolithic integration of six inertial sensing axes on a single substrate such as a single glass substrate. Such devices may be included in a mobile device such as a mobile display device.

No. of Pages: 145 No. of Claims: 50

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : STACKED LATERAL OVERLAP TRANSDUCER (SLOT) BASED THREE-AXIS MEMS ACCELEROMETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01P 15/125 :61/343,599 :30/04/2010 :U.S.A. :PCT/US2011/032869 :18/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM MEMS Technologies Inc. Address of Applicant: 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor: 1)STEPHANOU Philip Jason 2)BURNS David William 3)SHENOY Ravindra Vaman
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(57) Abstract:

This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for making and using accelerometers. Some such accelerometers include a substrate a first plurality of electrodes a second plurality of electrodes a first anchor attached to the substrate a frame and a proof mass. The substrate may extend substantially in a first plane. The proof mass may be attached to the frame may extend substantially in a second plane and may be substantially constrained for motion along first and second axes. The frame may be attached to the first anchor may extend substantially in a second plane and may be substantially constrained for motion along the second axis. A lateral movement of the proof mass in response to an applied lateral acceleration along the first or second axes may result in a change in capacitance at the first or second plurality of electrodes.

No. of Pages: 131 No. of Claims: 28

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: STRUCTURAL SEARCH OF SOURCE CODE

(51) 7	COCE	
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO.44, ELECTRONICS CITY,
(33) Name of priority country	:NA	HOSUR ROAD, BANGALORE 560 100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M. BASAVA RAJU
(87) International Publication No	: NA	2)POOLOTH, KRISHNA KUMAR
(61) Patent of Addition to Application Number	:NA	3)ASADULLAH, ALLAHBAKSH
Filing Date	:NA	4)VINOD, JEENA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques and tools are described for searching source code. For example, source code can be indexed, a code structure query can be received, index records that conform to the code structure query can be identified, and code structure query results that correspond to the identified index records conforming to the code structure query can be sent. Also for example, a code structure query can be sent, a list of code structure query results corresponding to index records that conform to the code structure query can be received, at least one of the code structure query results can be selected, based on the selection, a formatted source-code file and a code hierarchy can be received, a code annotation associated with the formatted source-code file can be sent, and an annotation result corresponding to the formatted source-code file can be received.

No. of Pages: 56 No. of Claims: 23

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: BOOTING AND CONFIGURING A SUBSYSTEM SECURELY FROM NON-LOCAL STORAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/06 :61/325,777 :19/04/2010 :U.S.A. :PCT/US2011/032557 :14/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino California 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MUJTABA Aon 2)ZHANG Haining 3)SIVASITHAMBARESAN Arjuna 4)HO Alex 5)MATHIAS Arun 6)SCHELL Stephen 7)ANDREWS Jonathan 8)GOSNELL Jason 9)DE ATLEY Dallas B. 10)HAUCK Jerry
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(57) Abstract:

According to one aspect a multifunctional computing device having a wireless communications processor (e.g. cellular processor) and an application processor (e.g. general-purpose processor such as a CPU) share a storage device that is associated with or attached to the application processor. An example of such a multifunctional computing device may be a Smartphone device having a cellular phone and handheld computer functionalities. There is no specific storage device directly associated with or attached to the wireless communications processor (hereinafter simply referred to as a wireless processor). Instead the wireless processor communicates with the application processor via a high speed communications link such as a USB link to access code and data stored in the storage device (e.g. flash memory device) associated with the application processor.

No. of Pages: 46 No. of Claims: 24

(22) Date of filing of Application :22/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : SUBSTITUTED FUSED TRICYCLIC COMPOUNDS, COMPOSITIONS AND MEDICINAL APPLICATIONS THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C07D :NA :NA	(71)Name of Applicant: 1)ADVINUS THERAPEUTICS LIMITED 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)BARAWKAR, DINESH
(87) International Publication No	: NA	2)BENDE, TANUSHREE
(61) Patent of Addition to Application Number	:NA	3)ZAHLER, ROBERT
Filing Date	:NA	4)BANDYOPADHYAY, ANISH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to substituted fused tricyclic compounds of formula (I) or (Ia), their tautomers, polymorphs, stereoisomers, prodrugs, solvates, co-crystals, pharmaceutically acceptable salts, pharmaceutical compositions containing them and methods of treating conditions and diseases that are mediated by JAK activity. I la The compounds of the present invention are useful in the treatment, prevention or suppression of diseases and disorders mediated by JAK activity. Such conditions include, but not limited to, arthritis, Alzheimers disease, autoimmune thyroid disorders, cancer, diabetes, leukemia, T-cell prolymphocytic leukemia, lymphoma, myleoproliferation disorders, lupus, multiple myeloma, multiple sclerosis, osteoarthritis, sepsis, psoriatic arthritis, prostate cancer, T-cell autoimmune disease, inflammatory diseases, chronic and acute allograft transplant rejection, bone marrow transplant, stroke, asthma, chronic obstructive pulmonary disease, allergy, bronchitis, viral diseases, or Type I diabetes, complications from diabetes, rheumatoid arthritis, asthma, Crohns disease, dry eye, uveitis, inflammatory bowel disease, organ transplant rejection, psoriasis and ulcerative colitis. The present disclosure also relates to process for the preparation of such compounds, and to pharmaceutical compositions containing them. 265

No. of Pages: 265 No. of Claims: 14

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CORRECTING PAGE CURL IN SCANNED BOOKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06K 9/32 :12/795,809 :08/06/2010 :U.S.A. :PCT/EP2011/059199 :03/06/2011 : NA :NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New York 10504 United States of America (72)Name of Inventor: 1)ASAF TZADOK 2)VLADIMIR KLUZNER 3)EUGENIUSZ WALACH
` '	*	7
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A computer implemented method for correcting distortion in an image of a page includes identifying a set of high quality (HQ) words in undistorted regions of one or more images of pages having content related to the content of the page. At least one distorted word in the image the page is identified such that each distorted word corresponds to a high quality word of the set. A global transformation function is generated for application to the image of the page so as to transform the distorted word into its corresponding high quality word. The global transformation function is applied to pixels of the image of the page.

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

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID CRYSTAL FORMULATIONS AND STRUCTURES FOR SMECTIC A OPTICAL DEVICES

(31) Priority Document No:61/31(32) Priority Date:15/03(33) Name of priority country:U.S.A(86) International Application No:PCT/0	7/US2011/028495 3/2011 (72)Name of Inventor : 1)CLAPP Terry Victor 2)CROSSLAND William Alden
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(57) Abstract:

The present, invention relates to liquid crystal compositions having a smectic A structure for use in an optical device in which the composition is sandwiched between a pair of electrodes (12-15). In essence the composition includes a siloxane oligomer (component (a)) which may be seen to construct a layered SmA system of particular spacing and strength. Within this structure a low molar mass nematic mesogen (component (c)) is provided that may be considered to be that of a plasticiser which moderates the layer strength, while simultaneously providing tuneability to the properties of the composition, e.g. its refractive index or dielectric anisotropy. The addition of a side chain liquid crystal polysiloxane (component (d)) allows such systems to be further moderated since they can be considered as binding together the la>3/4rs, both within a given layer and between layers. An ionic dopant (component (b)) is also included in the composition that migrates through the composition when low frequency electric fields are applied to the composition by the electrodes, thereby disrupting the order to the composition. Order in the composition can be restored by applying a higher frequency field that does not allow the dopant time to migrate significantly. Chromophores may also be included in the formulation.

No. of Pages: 82 No. of Claims: 32

(21) Application No.8710/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: LICENSE ISSUING SYSTEM CLIENT TERMINAL SERVER AND LICENSE ISSUING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F 21/24 :2010-112241 :14/05/2010 :Japan :PCT/JP2011/060885 :11/05/2011 : NA :NA	(71)Name of Applicant: 1)NTT DOCOMO INC. Address of Applicant: 11-1 Nagatacho 2-chome Chiyoda-ku Tokyo 1006150 Japan (72)Name of Inventor: 1)NOBUAKI SASAO 2)KOJI ISHII
11		
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To appropriately perform a process for license issuance to a client terminal, in a license issuing system, when a client terminal fails to obtain a license from a server in spite of transmitting a license issuance request, the client terminal transmits a license issuance request including the same key information as in the initially transmitted license issuance request to the server. The server stores the key information contained in the initial license issuance request in the key information storage unit, confirms that the stored key information is the sale as the key information contained in the second license issuance request, and issues a license again. The client terminal deletes the key information contained in the license issuance request after obtaining the license.

No. of Pages: 61 No. of Claims: 9

(21) Application No.8714/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR EMPLOYING AN INDICATION OF STORED TEMPORARY INFORMATION DURING REDIRECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W 36/00 :61/319,541 :31/03/2010 :U.S.A. :PCT/FI2011/050105 :08/02/2011 : NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Keiichi Kubota
\ / / II		` /
(87) International Publication No	: NA	
Number		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for employing an indication of stored temporary information during redirection may include receiving a temporary stored information indicator from a mobile terminal indicating that the mobile terminal stores a system information container comprising temporary information and determining whether to replace the temporary information with non-temporary information based on reception of the temporary stored information indicator. Alternatively the method may include receiving a system information container for at least one target cell storing the system information container and generating a temporary stored information indicator at a mobile terminal indicating that the mobile terminal stores the system information container comprising temporary information. Corresponding apparatuses and computer program products are also provided.

No. of Pages: 41 No. of Claims: 64

(19) INDIA

(22) Date of filing of Application :23/10/2012

(21) Application No.9086/CHENP/2012 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: TOOL FOR CLINICAL DATA MINING AND ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/01/2010 : NA :NA :NA	(71)Name of Applicant: 1)INDEGENE LIFESYSTEMS PVT. LTD Address of Applicant: 4TH FLOOR PINE VALLEY EGL BUSINESS PARK DOMLUR BANGALORE India (72)Name of Inventor: 1)RAJESH NAIR 2)SANJAY PARIKH
1 (41110-41		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one aspect the invention provides a clinical trial information management tool. The tool comprises an interface with a multiple tagged clinical trial database; a user interface for receiving user inputs a search engine to query the multiple tagged clinical trial database in one or more levels based on user inputs; a display platform to display results from the query in one or more views; an analytics engine to provide at least one of parameter based analysis and graphical analysis; and a personalization platform to store the query and the results. The tool provides the advantage through the rapid facile and user-friendly manner in which clinical trial information from a wide variety of sources may be searched analyzed and reported by a user which allows for easy strategizing regarding clinical trial related matters among other unique advantages.

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

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PROCESS FOR PREPARING UNSYMMETRICAL SECONDARY TERT-BUTYLAMINES IN THE LIQUID PHASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 209/26 :10159254.1 :07/04/2010 :EPO :PCT/EP2011/055372 :06/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant: 67056 Ludwigshafen Germany (72)Name of Inventor: 1)WIGBERS Christof Wilhelm 2)MLLER Christoph 3)STEIN Bernd 4)MEISSNER Harald 5)HADERLEIN Gerd 6)GUTFRUCHT Norbert
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(57) Abstract:

The present invention relates to a process for preparing unsymmetrical secondary tert-butylamines which in addition to the tert-butylamine and laso contain an alkyl cycloalkyl or benzyl radical. They are prepared by reacting corresponding aldehydes with tert-butylamine and hydrogen in the presence of hydrogenation catalysts (reductive amination) in the liquid phase.

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

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INSTALLATION STRUCTURE FOR CHARGING EQUIPMENT IN REAR VEHICLE BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:11/04/2011 : NA :NA :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)Nobuhiko HARA 2)Masahiro ASOU
- 10		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided the installation structure for charging equipment in a rear vehicle body capable of enhancing rigidity of the rear vehicle body, performing roundabout installation of the outlet cable without applying large load to the cable, preventing deterioration of the charging equipment due to external factors, and readily installing the charging equipment. In the installation structure for charging equipment in a rear vehicle body, the charger 10 for charging a battery is disposed in the spare tire housing 3, the charging connector 11 connected to the charger 10 through the outlet cable 12 is disposed rearward of the vehicle in the spare tire housing 3 so as to supply power to the charger 10, the insertion hole 3b is formed in the peripheral wall 3a of the spare tire housing 3, the cover member 4 is joined to the rear floor panel 2 so as to form a closed cross section, the cover member 4 is disposed to extend from the peripheral wall 3a of the spare tire housing 3 toward the charging connector 11 so as to communicate the space defined by the closed cross section with the insertion hole 3b, and the outlet cable 12 is disposed so as to be inserted through the insertion hole 3b and the space defined by the closed cross section.

No. of Pages: 23 No. of Claims: 3

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CARBURIZED STEEL MEMBER AND METHOD FOR PRODUCING SAME

		(71)Name of Applicant:
(51) International classification	:C22C 38/00	1)AISIN AW CO. LTD.
(31) Priority Document No	:2010-079437	Address of Applicant :10 Takane Fujii-cho Anjo-shi Aichi-
(32) Priority Date	:30/03/2010	ken 444-1192 Japan
(33) Name of priority country	:Japan	2)NIPPON STEEL CORPORATION
(86) International Application No	:PCT/JP2011/057935	3)AICHI STEEL CORPORATION
Filing Date	:30/03/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)OHBAYASHI Koji
(61) Patent of Addition to Application	:NA	2)TAGUCHI Keita
Number	:NA	3)KATO Susumu
Filing Date	.1 N /A	4)KOZAWA Shuji
(62) Divisional to Application Number	:NA	5)KUBOTA Manabu
Filing Date	:NA	6)ADACHI Yuji
		7)SATO Hirokazu

(57) Abstract:

A carburized steel member is manufactured by specific carburizing cooling and quenching steps. The steel member contains: C: 0.1% to 0.4% Si: 0.35% to 3.0% Mn: 0.1% to 3.0% P: 0.03% or less S: 0.15% or less Al: 0.05% or less and N: 0.03% or less and a content of Cr is less than 0.2% a content of Mo is 0.1% or less and remainder is constituted of Fe and unavoidable impurities. A surface layer thereof includes: a first layer having a carbon concentration of 0.60 mass% to 0.85 mass% and including a martensitic structure in which no grain boundary oxide layer caused by Si exists; a second layer having a carbon concentration of 0.1 mass% to 0.4 mass% and including a martensitic structure; and a third layer having a carbon concentration of 0.1 mass% to 0.4 mass% and including no martensitic structure.

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

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GEAR AND METHOD FOR PRODUCING SAME

		(71)Name of Applicant :
(51) International classification	:C22C 38/00	1)AISIN AW CO. LTD.
(31) Priority Document No	:2010-079437	Address of Applicant :10 Takane Fujii-cho Anjo-shi Aichi-
(32) Priority Date	:30/03/2010	ken 444-1192 Japan
(33) Name of priority country	:Japan	2)NIPPON STEEL CORPORATION
(86) International Application No	:PCT/JP2011/057934	3)AICHI STEEL CORPORATION
Filing Date	:30/03/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)OHBAYASHI Koji
(61) Patent of Addition to Application	:NA	2)TAGUCHI Keita
Number	:NA	3)KATO Susumu
Filing Date	.INA	4)KOZAWA Shuji
(62) Divisional to Application Number	:NA	5)KUBOTA Manabu
Filing Date	:NA	6)ADACHI Yuji
		7)SATO Hirokazu

(57) Abstract:

A gear is manufactured using raw material steel having the following chemical composition: C: 0.1% to 0.40% (% by mass), Si: 0.35% to 3.0%, Mn: 0.1% to 3.0%, Cr: less than 0.2%, Mo: 0.1% or less, P: 0.03% or less, S: 0.15% or less, Al: 0.05% or less, N: 0.03% or less, and Fe and unavoidable impurities: remainder, and by performing: a carburizing process of forming a carburized layer on a surface of the gear at a low oxygen concentration, a cooling process of cooling the gear after the carburizing process at a low cooling rate at which no martensite transformation takes place, to or below a temperature at which structural transformation is completed, and a quenching process of heating the gear by high-density energy heating after the cooling process so as to austenitize a region lying shallower than a core portion and tooth portions without austenitizing the core portion, and rapidly cooling the gear from that state. Consequently, surface layer portions of the tooth portions and a tooth root portion are made to be a carburized layer, the remaining portion of the tooth portions and a portion of a disk portion lying below the carburized layer be a quench-hardened layer, and a region of the disk portion lying deeper than the quench-hardened layer be an unquenched layer.

No. of Pages: 55 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)GERSHON MACHINE LTD. Address of Applicant: 34 Hahofer Street P.O.B. 1978 58117 Holon Israel. (72)Name of Inventor: 1)HARIF Gershon
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.8928/CHENP/2012 A

(57) Abstract:

A generator comprising a heat differential module with a first reservoir containing a high temperature work medium a second reservoir containing a low temperature work medium and a heat mechanism in fluid communication with the reservoirs configured for maintaining a temperature difference therebetween; a pressure module comprising a pressure medium in selective fluid communication with the reservoirs for alternately performing a heat exchange process with the work medium thereof configured to fluctuate between a minimal operative temperature and a maximal operative temperature corresponding to the high and low temperature of the work medium; a conversion module in mechanical communication with the pressure medium for utilizing temperature changes thereof and producing output energy; and a heat recovery arrangement in thermal communication with the heat differential module for absorbing heat from the pressure medium and providing heat to the heat differential module or to the pressure module.

No. of Pages: 283 No. of Claims: 62

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : CATHODE STRUCTURE ALUMINUM ELECTROLYTIC CELL AND PROCESS FOR REDUCING HORIZONTAL ELECTRIC CURRENT IN LIQUID ALUMINUM

(51) International classification :C25C 3/08 (31) Priority Document No :201010511052.7 (32) Priority Date :19/10/2010 (33) Name of priority country :China (86) International Application No :PCT/CN2011/001572 Filing Date :16/09/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:
1)CHINA ALUMINUM INTERNATIONAL
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Address of Applicant :Building C No. 99 Xingshikou Road

Haidian District Beijing 100093 P. R. China

(72)Name of Inventor:
1)YANG Xiaodong
2)ZHOU Dongfang
3)LIU Yafeng
4)LIU Wei
5)ZOU Zhiyong
6)LIU Ming
7)HU Hongwu
8)ZHANG Qinsong
9)BAI Bin

(57) Abstract:

A cathode structure of an aluminum electrolytic cell, wherein the section of the cathode steel bar adjacent to the end portion of the cathode carbon block in its lengthwise direction is divided from top to bottom by partition gap(s) into at least two portions including an upper portion in a height direction of the cathode steel bar, the section of the cathode steel bar which is in a middle portion of the cathode carbon block and not divided is connected to the cathode carbon block by totally using a conductor, the upper portion of the cathode steel bar adjacent to the end portion of the cathode carbon block is connected to the cathode carbon block by using the conductor, the other portions below the upper portion are insulated from the cathode carbon block by using an insulator, and the partition gap is filled with a partition gap insulating material. An aluminum electrolytic cell including the abovementioned cathode structure and a process for reducing horizontal electric current in the liquid aluminum in the aluminum electrolytic cell are also disclosed. The present invention substantially reduces the horizontal electric current in the liquid aluminum, makes the cathode electric current more uniformly distributed, improves the stability of the electrolytic cell, prolongs the service lifetime of the electrolytic cell, effectively reduces energy consumption of producing aluminum per ton and exhibits a remarkable energy-saving effect.

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

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR DISPLAYING TEXT INFORMATION IN MOBILE TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F 3/14 :10-2010-0037510 :22/04/2010 :Republic of Korea :PCT/KR2011/002709 :15/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea. (72)Name of Inventor: 1)Sun Young PARK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for displaying text information in the form of a list is provided. A method for displaying text information according to the present invention includes displaying a list of at least one item representing text information and a partial content of the text information; and modifying in response to a predetermined key input the list to show whole content of the text information corresponding to the selected one item.

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

(21) Application No.932/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: BEARING HOLDING STRUCTURE

(51) International classification :F160 (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	Address of Applicant :JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)KANDRECULA SRINIVASA RAO
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(57) Abstract:

An internal combustion engine comprising a crankcase, a crankshaft rotatably supported on the crankcase through a plurality of ball bearings, and a backlash-absorbing mechanism provided between an outer race of one of said ball bearing and said crankcase; the improvement comprising a stabilized bearing structure for supporting said crankshaft, such that the stabilized bearing structure comprises a groove on the bearing boss of the said bearing along with two O rings on its either sides

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

(21) Application No.8941/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A METHOD FOR PREPARING A DIORGANODIHALOSILANE

(71) I	COZE 7/10	(71)NI CA II A
(51) International classification	:C07F 7/12	(71)Name of Applicant:
(31) Priority Document No	:61/349,242	1)DOW CORNING CORPORATION
(32) Priority Date	:28/05/2010	Address of Applicant :2200 West Salzburg Road Midland MI
(33) Name of priority country	:U.S.A.	48686-0994 United States of America
(86) International Application No	:PCT/US2011/030683	(72)Name of Inventor:
Filing Date	:31/03/2011	1)KATSOULIS Dimitris
(87) International Publication No	: NA	2)LARSEN Robert Thomas
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==) A1		

(57) Abstract:

A method of preparing a diorganodihalosilane comprising the separate and consecutive steps of (i) contacting a copper catalyst with a mixture comprising hydrogen gas and a silicon tetrahalide at a temperature of from 500 to 1400 °C to form a silicon-containing copper catalyst comprising at least 0.1% (w/w) of silicon wherein the copper catalyst is selected from copper and a mixture comprising copper and at least one element selected from gold magnesium calcium cesium tin and sulfur; and (ii) contacting the silicon-containing copper catalyst with an organohalide at a temperature of from 100 to 600 °C to form at least one diorganodihalosilane.

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

(21) Application No.8942/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: VEHICLE DOOR LOCK DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05B65/20 :2010-098734 :22/04/2010 :Japan :PCT/JP2011/055632 :10/03/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant: 1 Asahi-machi 2-chome Kariya-shi Aichi 448-8650 Japan (72)Name of Inventor: 1)Ryujiro AKIZUKI 2)Takashi NISHIO 3)Nobuko WATANABE 4)Yasuhiko SONO 5)Kazunori KOJIMA
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(57) Abstract:

A vehicle door lock device includes a latch mechanism, a lever mechanism, a link mechanism, and an electric actuator, which are assembled to a housing. The hOlJsing includes a hOlJsing body and a housing cover joined to each other, and is arranged so that a joining surface between the housing body and the housing cover extends along an up-and-down direction. A sealing portion is formed along a joining portion between the housing body and the housing cover so as to surround an upper part of an inner space of the housing accommodating the link mechanism and the electric actuator. The sealing portion includes a communication path including one open end, and an inner welded portion and an outer welded portion formed continuously along the communication path on an inner side of the housing and an outer side of the housing with respect to the communication path, respectively. Accordingly, it is possible to achieve waterproofing measures (sealing portion) for the electric actuator (electrical part) simply at low cost, and to easily determine whether or not the sealing portion maintains satisfactory sealing properties (airtightness and fluid-tightness).

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

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : PITCH DRIVE DEVICE CAPABLE OF EMERGENCY OPERATION FOR A WIND OR WATER POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F03D7/04 :10 2010 016 105.5 :23/03/2010 :Germany :PCT/EP2011/054438 :23/03/2011 : NA :NA	(71)Name of Applicant: 1)MOOG UNNA GMBH Address of Applicant: Max-Born-Strasse 1 59423 Unna Germany. (72)Name of Inventor: 1)Tobias R-SMANN 2)Lars KAUKE
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a pitch drive device (10) capable of emergency operation for adjusting a rotor blade pitch of a wind or water power plant. The pitch drive device (10) comprises an inverter device (14) and a three-phase current drive motor. The drive motor is implemented as a three-phase IPM synchronous motor (12) (Interior Permanent Magnet). A direct current power storage device (20) can advantageously be substantially directly connected to an intermediate direct current circuit (18), at least for emergency operation, between a rectifier device (16) and the inverter device (14) for at least briefly supplying power to the synchronous motor (12), so that the IPM synchronous motor (12) can be operated at least briefly under speed control when the intermediate circuit voltage UZK is falling. The invention enables speed-controlled emergency operation of the pitch drive device at high torque when an intermediate circuit voltage UZK is falling in emergency operation, wherein the direct current energy storage device can, for example, improve the efficiency as an energy buffer, and reduce current transfer via the rotor slip ring.

No. of Pages: 44 No. of Claims: 12

(22) Date of filing of Application :05/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SECONDARY REFLECTOR FOR LINEAR FRESNEL REFLECTOR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:08/03/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)AREVA SOLAR INC. Address of Applicant: 303 Ravendale Drive Mountain View California 94043 United States of America (72)Name of Inventor: 1)MILLS David R. 2)LAWRENCE Matthew J.
Filing Date	:NA	

(57) Abstract:

A solar collection system having a secondary reflector is provided. The secondary reflector may be located above a field of primary reflectors and below a solar receiver. The secondary reflector may form a portion of an ellipse or macrofocal ellipse and be operable to reflect at least a portion of the solar radiation reflected by the primary reflectors onto the solar receiver. The secondary reflector may be disposed away from the solar receiver and associated tertiary reflectors such that it does not intercept reflected solar radiation from the outer primary reflectors that would otherwise have struck the solar receiver and tertiary reflectors had the secondary reflector not been present.

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

(22) Date of filing of Application :29/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: SEQUENCES, TRANSGENIC PRODUCTS AND PROCESSES THEREOF

(51) International classification	·C120	(71)Name of Applicant:
	-	` '
(31) Priority Document No	:NA	1)SCMS Institute of Bioscience and Biotechnology Research
(32) Priority Date	:NA	and Development
(33) Name of priority country	:NA	Address of Applicant :SIBBR & D Management House
(86) International Application No	:NA	South Kalamassery Cochin 682033 Sikkim India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHINNAMMA MOHANKUMAR
(61) Patent of Addition to Application Number	:NA	2)ANISHA SHASHIDHARAN
Filing Date	:NA	3)SALINI BHASKER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure belongs to the field of molecular biology. The present disclosure relates to the nucleotide and amino acid sequences coding for Lactoferrin gene of Vechur breed of Bos indicus comprising 9 Single Nucleotide Polymorphisms (SNPs) and 7 amino acid variations corresponding to the 9 SNPs respectively. The present disclosure further relates to vector and host cell comprising said sequences and obtaining recombinant peptide thereof. The present disclosure also relates to transgenic products comprising the nucleotide sequence and process for obtaining the transgenic product.

No. of Pages: 46 No. of Claims: 12

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SIGNALING OF PRECODING GRANULARITY FOR LTE AND LTE-A

(54) 5		
(51) International classification	:H04W 72/12	(71)Name of Applicant:
(31) Priority Document No	:61/325,178	1)Research In Motion Limited
(32) Priority Date	:16/04/2010	Address of Applicant :295 Phillip Street Waterloo Ontario
(33) Name of priority country	:U.S.A.	N2L 3W8 Canada
(86) International Application No	:PCT/US2011/031743	(72)Name of Inventor:
Filing Date	:08/04/2011	1)CAI Zhijun
(87) International Publication No	: NA	2)EARNSHAW Andrew Mark
(61) Patent of Addition to Application	:NA	3)FONG Mo-Han
Number	*	4)HEO Youn Hyoung
Filing Date	:NA	5)YU Dongsheng
(62) Divisional to Application Number	:NA	6)XU Hua
Filing Date	:NA	

(57) Abstract:

A method for indicating a precoding granularity value. The method includes an access node performing at least one of dynamically signaling the precoding granularity value in downlink control information semi-statically signaling the precoding granularity value through high-layer signaling and implicitly signaling the precoding granularity value through a link with at least one parameter that the access node transmits for another purpose.

No. of Pages: 45 No. of Claims: 25

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A CHARGE BLOCKING LAYER ON AN INFRARED UP-CONVERSION DEVICE

(51) International classification	:H01L 31/09	(71)Name of Applicant :
(31) Priority Document No	:61/347,696	1)UNIVERSITY OF FLORIDA RESEARCH
(32) Priority Date	:24/05/2010	FOUNDATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :223 Grinter Hall Gainesville FL 32611
(86) International Application No	:PCT/US2011/037772	United States of America
Filing Date	:24/05/2011	2)NANOHOLDINGS LLC
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SO Franky
Number	:NA	2)KIM DO Young
Filing Date	.11/1	3)SONG Dong Woo
(62) Divisional to Application Number	:NA	4)SARASQUETA Galileo
Filing Date	:NA	5)PRADHAN Bhabendrak K.

(57) Abstract:

Embodiments of the invention are directed to an improved device for sensing infrared (IR) radiation with up-conversion to provide an output of electromagnetic radiation having a shorter wavelength than the incident IR radiation such as visible light. The device comprises an anode a hole blocking layer to separate an IR sensing layer from the anode an organic light emitting layer that is separated from the anode by the IR sensing layer and a cathode. The hole blocking layer assures that when a potential is applied between the anode and the cathode the organic light emitting layer generates electromagnetic radiation only when the IR sensing layer is irradiated with IR radiation.

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

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR DELIVERING ONLINE CONTENT TO A TARGET GROUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06Q 10/00 :304/CHE/2010 :06/02/2010 :India :PCT/IB2011/050496 :06/02/2010 : NA :NA	(71)Name of Applicant: 1)INDEGENE LIFESYSTEMS PVT. LTD. Address of Applicant: 4th Floor Pine Valley EGL Business Park Domlur Bangalore India (72)Name of Inventor: 1)Gaurav Kapoor 2)Tarun Mathur
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for delivering online content to a target group is disclosed. The target group in the exemplary embodiment comprises health care professionals. The method comprises providing two or more learning groups where each learning group is associated with corresponding learning objectives for the target group. The method further includes profiling the health care professionals based on different attributes to provide a professional profile for each health care professional. Further a mapping is done for the health care professionals with the two or more learning groups based on the professional profile. Adaptive content is then selected from a library based on the professional profile and the adaptive content that is personalized based on professional profile is delivered to the health care professionals.

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

(21) Application No.9089/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: A LEARNING TOOL FOR A TARGET GROUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:06/02/2010 : NA :NA :NA	(71)Name of Applicant: 1)INDEGENE LIFESYSTEMS PVT. LTD. Address of Applicant: 4th Floor Pine Valley EGL Business Park Domlur Bangalore - 560071 Karnataka India (72)Name of Inventor: 1)Gaurav Kapoor 2)Tarun Mathur
1 (41110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A learning tool for a target group is disclosed. In the exemplary embodiment the target group includes health care professionals. The tool includes a digital library relevant to the target group. The tool further includes a profiler to generate a professional profile for each health care professional. A clustering module is provided in the tool to assign each health care professional to a learning group based on the professional profile. Further the tool includes a content module to provide an adaptive content from the digital library based on the professional profile and the learning group. The tool also includes a user interface to deliver the adaptive content to each health care professional.

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

(19) INDIA

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FLUID EJECTION DEVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No :NA INA INA PCT/US2010/032892	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant: 11445 Compaq Center Drive West Houston TX 77070 United States of America (72)Name of Inventor: 1)HAGGAI KARLINSKI
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(21) Application No.9068/CHENP/2012 A

(57) Abstract:

A fluid ejection device includes a chamber at least one fluid supply channel and more than two fluid inlets disposed between the fluid channel and the chamber. An inkjet printing system includes a fluid ejection device having a chamber disposed along fluid supply channels within the fluid ejection device where a first channel is disposed along a first side of the chamber and a second channel is disposed along a second side of the chamber. The chamber includes multiple fluid inlets where a first plurality of fluid inlets is disposed between the chamber and the first channel and a second plurality of fluid inlets is disposed between the chamber and the second channel.

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

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: VARIABLE LENGTH CODES FOR CODING OF VIDEO DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Inventor: 1)KARCZEWICZ Marta 2)WANG Xianglin
Filing Date	:NA :NA	

(57) Abstract:

A method and system for entropy coding can comprise in response to detecting a first symbol combination comprising first run information indicating a first number of contiguous zero coefficients is greater than a cut-off-run value assigning a first codeword to a first symbol combination wherein the first codeword comprises an escape code from a first-level VLC table; and in response to a second symbol combination comprising second run information indicating a second number of contiguous zero coefficients is less than or equal to the cut-off-run value assigning a second codeword to the second symbol combination wherein the second codeword is from the first-level VLC table. The system and method can further comprise collecting coding statistics for a set of candidate symbol combinations and adjusting a mapping between codewords of the first-level VLC table and a subset of the set of candidate symbol combinations based on the coding statistics.

No. of Pages: 56 No. of Claims: 60

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F 3/041 :61/386,219 :24/09/2010 :U.S.A. :PCT/CA2011/001070 :23/09/2011 : NA :NA :NA	(71)Name of Applicant: 1)RESEARCH IN MOTION LIMITED Address of Applicant: 295 Phillip Street Waterloo ON Ontario N2L 3W8 Canada 2)QNX SOFTWARE SYSTEMS LIMITED (72)Name of Inventor: 1)LAZARIDIS Mihal 2)DODGE Daniel Thomas 3)LINDSAY Donald James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method includes displaying information associated with a first application on a touch-sensitive display detecting a touch on a touch-sensitive display and determining touch attributes determining when the touch is a first gesture type based on the touch attributes and when the touch is determined to be the first gesture type forwarding information related to the touch to a second application otherwise forwarding the information related to the touch to the first application.

No. of Pages: 28 No. of Claims: 29

(21) Application No.8853/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR USING CHANNEL STATE INFORMATION REFERENCE SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L 5/00 :61/331,346 :04/05/2010 :U.S.A. :PCT/US2011/035248 :04/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Inventor: 1)GAAL Peter 2)MONTOJO Juan 3)BHATTAD Kapil
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(57) Abstract:

In a wireless communication system a wireless device is identified as being a relay device. A channel state information reference signal (CSI-RS) configuration is selected such that at least one CSI-RS can be transmitted to the wireless device in a subset of subframes assigned to relay backhaul transmissions.

No. of Pages: 84 No. of Claims: 67

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR COMMUNICATION WITH HIGH INTERFERENCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:03/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Inventor: 1)GAAL Peter 2)MONTOJO Juan 3)CHEN Wanshi 4)DAMNJANOVIC Aleksandar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	· · · · · · · · · · · · · · · · · · ·

(57) Abstract:

Techniques for addressing high interference observed by a receiver in a wireless communication system are disclosed. The receiver may observe different interference power levels across a transmission symbol. In an aspect the receiver applies different weights to different portions of the transmission symbol to account for fluctuation of interference power across the transmission symbol. In another aspect a transmitter may send a transmission symbol such that a receiver can ignore a portion of a symbol period with high interference. In one design the transmitter generates a transmission symbol including at least two copies of a signal component. The transmitter transmits at least one copy of the signal component in a portion of the symbol period in which the receiver does not observe high interference. The receiver processes the at least one copy of the signal component to recover data sent in the transmission symbol.

No. of Pages: 49 No. of Claims: 52

(22) Date of filing of Application :24/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: A NOVEL METHOD OF MANUFACTURING WHEEL DISC

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B60B :NA :NA :NA :NA	(71)Name of Applicant: 1)Wheels India Limited Address of Applicant: Padi Chennai - 600 050 Tamilnadu India (72)Name of Inventor:
Filing Date	:NA	(72)Name of Inventor: 1)Mr. Ramachandra Rao Badrinarayanan
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)Dr. Thiyagarajan Sundararajan 3)Mr.Baleseshan Rajaram
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

In view of the foregoing, an embodiment herein provides a method of manufacturing wheel disc, wherein said method comprising of steps providing a rectangular strip made of metallic materials, circling the strip to form a band, welding the band to form a hoop by welding process, forming one side of the hoop to make the centre portion of the disc, spinning another side of the hoop to form flange of the disc, and achieving varying thickness across the disc to make variable thickness wherever needed, thereby reducing the usage of raw material and reducing wastage and making light weight wheel disc.

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

(21) Application No.985/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: CHAIN COVER GUARD FOR A TWO WHEELED VEHICLE

(51) International classification	:B65G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :TVS MOTOR COMPANY LIMITED,
(33) Name of priority country	:NA	M/S. TVS MOTOR COMPANY LIMITED, JAYALAKSHMI
(86) International Application No	:NA	ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI -
Filing Date	:NA	600 006 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KRISHNASWAMY SRIRAM
Filing Date	:NA	2)BALU RAJESH KANNA
(62) Divisional to Application Number	:NA	3)BALAGURU SRIDHAR
Filing Date	:NA	

(57) Abstract:

Present inventions describes a two wheeled vehicle with a power transmission assembly transmitting power to rear wheel through a connecting chain where a chain cover is surrounding upper part of exposed connecting chain and a chain cover guard covering the upper part of the chain cover.

No. of Pages: 7 No. of Claims: 4

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: INTERFERENCE CANCELLING BLOCK MODULATION

(51) International classification	:H04B 1/00	(71)Name of Applicant:
(31) Priority Document No	:995/CHE/2010	1)Centre of Excellence in Wireless Technology
(32) Priority Date	:09/04/2010	Address of Applicant :#152 CSD Building ESB IIT Madras
(33) Name of priority country	:India	Campus Chennai 600036 Tamil Nadu India
(86) International Application No	:PCT/IN2011/000250	(72)Name of Inventor:
Filing Date	:11/04/2011	1)Ayyar Arun Balavenkatasubramanian
(87) International Publication No	: NA	2)Vinoth Nagarajan
(61) Patent of Addition to Application	:NA	3)Krishnamurthy Giridhar
Number	:NA	4)Bhaskar Ramamurthi
Filing Date	.IVA	5)Devar Sendilramkumar S
(62) Divisional to Application Number	:NA	6)Ganesh V.
Filing Date	:NA	7)Kuchi Kiran Kumar

(57) Abstract:

Embodiments herein disclose an Interference Cancelling Block Modulation (ICBM) a new open-loop precoding scheme where each transmitter is assigned with a predetermined precoder which facilitates interference cancellation at the receivers. Only a finite set of precoders will be used and they will be assigned to each transmitter in a pre-determined manner. Usually interfering transmitters located adjacent to each other will have different precoders and the same precoder can be reused by non-adjacent transmitters. The precoders are represented by N x K matrices and they expand the symbols in time and/or frequency by a factor of N/K while providing precoded sequences with low cross-correlation properties.

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

(21) Application No.8666/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : FRAGRANT FORMULATIONS METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)SEGETIS INC. Address of Applicant: 680 Mendelssohn Avenue N. Golden Valley Minnesota 55427 United States of America (72)Name of Inventor: 1)YONTZ Dorie J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Disclosed herein is a fragrant formulation comprising a fragrant composition and an alkyl ketal ester. Disclosed herein too are methods for manufacturing the fragrant formulation.

No. of Pages: 45 No. of Claims: 30

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR DOPPLER-ASSISTED MIMO RADAR MICROWAVE IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B 3/16 :61/318,029 :26/03/2010 :U.S.A. :PCT/IB2011/000658 :28/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)VAYYAR IMAGING LTD. Address of Applicant: HaThia 10 Nes Ziona Israel. (72)Name of Inventor: 1)MELAMED Raviv 2)CHAYAT Naftali
Filing Date	:NA	

(57) Abstract:

A method and apparatus for enhanced microwave imaging of an object collects (200) microwave responses for multiple combinations of transmit antennas receive antennas and object movement states. The responses are grouped (204) into sets of responses corresponding to at least two object movement states. An image is reconstructed (206) from the set of responses for each movement state and a differential image representative of object movement is generated (208) from the reconstructed image for each of said at least two object movement states. The differential image is overlaid (210) on a reconstructed image to obtain an enhanced composite image of the object.

No. of Pages: 26 No. of Claims: 23

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: THERMOSTABLE PHYTASE VARIANTS

(51) International classification (31) Priority Document No	:A23K1/165 :10158026.4	(71)Name of Applicant : 1)NOVOZYMES A/S
(32) Priority Date	:26/03/2010	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd
(33) Name of priority country	:EUROPEAN UNION	Denmark (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2011/054640 :25/03/2011	1)DE MARIA Leonardo 2)SKOV Lars Kobberoee
(87) International Publication No	: NA	3)SKJOET Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for producing phytase variants has at least 70% identity to a phytase derived from Buttiauxella and comprises at least one additional disulfide bond as compared to this phytase. These phytase variants have modified preferably improved properties such as thermostability temperature profile pH profile specific activity performance in animal feed reduced protease sensitiliby and/or an modified glycosylation pattern. The invention also relates to the variants produced DNA encoding these phytases methods of their production as well as the use thereof e.g. in animal feed and animal feed additives.

No. of Pages: 68 No. of Claims: 34

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CELLOBIOHYDROLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N9/42 :61/319,672 :31/03/2010 :U.S.A. :PCT/US2011/030352 :29/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)NOVOZYMES INC. Address of Applicant:1445 Drew Avenue Davis CA 95618 United States of America (72)Name of Inventor: 1)WOGULIS Mark
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to variants of a parent cellobiohydrolase. The present invention also relates to polynucleotides encoding the cellobiohydrolase variants; nucleic acid constructs vectors and host cells comprising the polynucleotides; and methods of using the cellobiohydrolase variants.

No. of Pages: 102 No. of Claims: 28

(21) Application No.8747/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : SYSTEM FOR PURIFYING CERTAIN CELL POPULATIONS IN BLOOD OR BONE MARROW BY DEPLETING OTHERS

(31) Priority Document No :61/315,109 Ad (32) Priority Date :18/03/2010 Sacram (33) Name of priority country :U.S.A. (72)Na	Address of Applicant: 1919 21st Street Suite 203 cramento CA 95816 United States of America Name of Inventor: COELHO Philip H.
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(57) Abstract:

An apparatus and method for purifying and harvesting certain cell populations in blood or bone marrow by depleting at least one of red blood cells granulocytes or platelets from a sample comprising blood bone marrow or stromal vascular fraction cells separated from adipose tissue is disclosed. The apparatus comprises a sterile single use rigid self- supporting cartridge within which the automated depletion purification and harvesting of target cell populations occurs and all components may be distributed.

No. of Pages: 79 No. of Claims: 91

(21) Application No.8792/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: FILM SYSTEM FOR LED APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:11/03/2011 : NA :NA	(71)Name of Applicant: 1)EppsteinFOILS GmbH & Co. KG Address of Applicant: Burgstr. 81-83 65817 Eppstein Germany (72)Name of Inventor: 1)WAEGLI Peter 2)REES Markus
(87) International Publication No(61) Patent of Addition to ApplicationNumber	: NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a composite assembly of plastic (1 3) and metal films (2.1 2.2) which can be used for the interconnection and connection of light-emitting diodes (LEDs) (5). For this purpose a flexible printed circuit board is provided to which at least one radiation source is applied and which consists of a film system. The flexible printed circuit board has a thermal connection (6) to a heat sink (4) and the film system is composed at least of an insulating carrier layer and a metal film. The insulating carrier layer is opened at the locations at which the thermal connection to the heat sink is produced and the metal film is subdivided into different sections.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :25/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: BEARING STABILISING SYSTEM FOR A CRANKSHAFT

(51) International classification :F160 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)KANDREGULA SRINIVASA RAO 2)KAREDLA BAPANNA DORA 3)MANJUNATH BHAT 4)KRISHNABHATTA NAGARAJA 5)SOUMYA PRAKASH PATRA 6)GAUTAM PARASHAR
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(57) Abstract:

An internal combustion engine comprising a crankcase with right and left side crankcase halves, a crankshaft rotatably supported on the crankcase through a plurality of ball bearings, and a backlash-absorbing mechanism provided between an outer race of one of said ball bearing and said crankcase; the improvement comprising a stabilized bearing structure for supporting said crankshaft, wherein said stabilized bearing structure comprises a groove on the bearing boss of the said bearing along with a ball that is pressed by a spring controlled by an adjusting screw.

No. of Pages: 12 No. of Claims: 4

(21) Application No.8977/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention: IMPROVED LANDING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B64C 25/56 :204654 :22/03/2010 :Israel :PCT/IL2011/000261 :17/03/2011	(71)Name of Applicant: 1)ISRAEL AEROSPACE INDUSTRIES LTD. Address of Applicant: Ben Gurion International Airport 70100 Lod Israel. (72)Name of Inventor: 1)ZIVAN Lior 2)WOLFF Amit
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)DEKEL Guy

(57) Abstract:

A portable aircraft landing system comprises an inflatable mat provided with gas outlets in cooperation with inflation apparatus.

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

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR REALIZING OUTBOUND CALL FOR SERVICE PROVIDER

(51) International classification	:H04W12/06	(71)Name of Applicant :
(31) Priority Document No	:201010175288.8	1)ZTE CORPORATION
(32) Priority Date	:14/05/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(86) International Application No	:PCT/CN2010/076271	(72)Name of Inventor:
Filing Date	:23/08/2010	1)Shunmao FU
(87) International Publication No	: NA	2)Renhua WANG
(61) Patent of Addition to Application	:NA	3)Peng YANG
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for realizing an outbound call of a Service Provider (SP) is disclosed. An outbound call authentication interface unit in the system is configured to generate an authentication code and to send the generated authentication code to the SP; an integrated voice management platform is configured to parse an outbound call message and to obtain the authentication code so as to realize the outbound call of the SP after verifying the authentication code. A method for realizing an outbound call of an SP is also disclosed. The method includes: an outbound call authentication interface unit generates an authentication code and sends the generated authentication code to the SP; the SP encapsulates the authentication code into an outbound call message and sends the outbound call message to an integrated voice management platform; the integrated voice management platform parses the outbound call message and obtains the authentication code, and verifies the authentication code so as to realize the outbound call of the SP. The system and method solve the problem of complicated verification rules of an outbound call.

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

(21) Application No.9010/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/10/2012

(43) Publication Date: 14/02/2014

(54) Title of the invention: ANTITHEFT METHOD OF BASE STATION EQUIPMENT AND SYSTEM THEREOF

(57) Abstract:

The disclosure provides an antitheft method and system for base station equipment. The method includes: monitored equipment (10) is connected with a switching value conversion unit (20) which converts an input state signal of the monitored equipment (10) into a switching signal; the switching signal is transmitted to a dry contact in the dry contact access module (311) of a BBU and the switching signal is used as a dry contact state signal of the dry contact; the dry contact state signal is collected and alarm information is generated when the dry contact state signal is abnormal.

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

(21) Application No.8819/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: CHASSIS BASE EXTENSION AND CURVED TRACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 1/16 :NA :NA :NA :NA :PCT/US2010/032626 :27/04/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant: 11445 Compaq Center Drive West Houston TX 77070 United States of America (72)Name of Inventor: 1)JEAN ATALLAH 2)JOHN BRIDEN 3)JOHN PENNINGTON
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(57) Abstract:

A curved track can be attached to a chassis. An extension can be attached to a base. The chassis can be attached to the base. The extension can be in contact with the curved track.

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

(21) Application No.882/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRACK WIDTH ADJUSTABLE DEAD AXLE FOR VEHICLES

(51) Intermetional algorification	.D62D	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :MAHINDRA RESEARCH VALLEY,
(33) Name of priority country	:NA	MAHINDRA WORLD CITY, PLOT NO.41/1, ANJUR P.O.,
(86) International Application No	:NA	CHENGALPATTU - 603 204, KANCHEEPURAM DIST Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. REDKAR RUPESH KASHINATH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a dead axle assembly(10) of automotive vehicle incorporated with an extendable axle beam structure(20) to adjust length of the axle as per the requirement of track width needed at dead axle for the diverse field application. The dead axle assembly(10) comprises an elongated beam(21), at least two extension pieces(22) and at least one track width adjusting means(23).

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

(21) Application No.8986/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: STABILIZED STATIN FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N 43/04 :12/762,025 :16/04/2010 :U.S.A. :PCT/US2011/031388 :06/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)CUMBERLAND PHARMACEUTICALS INC. Address of Applicant: 2525 West End Avenue Suite 950 Nashville TN 37203 U.S.A. (72)Name of Inventor: 1)PAVLIV Leo 2)VILA Andrew
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(57) Abstract:

The present invention is directed to statin formulations having improved solubility and/or stability and methods for the same.

No. of Pages: 32 No. of Claims: 27

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SESSION PARAMETERS IN THE PERIODIC ASSISTANCE DATA DELIVERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G01S 19/05 :61/323,289 :12/04/2010 :U.S.A. :PCT/FI2011/050307 :11/04/2011 : NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland (72)Name of Inventor: 1)Lauri Wirola 2)Ismo Halivaara
(61) Patent of Addition to Application		
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Session parameters and/or information regarding session parameters are provided to a target device from a location server in a periodic assistance session. For example the location server starts an unsolicited periodic assistance session and transmits information indicating the unsolicited assistance session is periodic as well as any relevant session parameters to the target device. The location server may change session parameters on the fly and inform the target device of the modified session parameters. The target device may initiate a session and requests certain parameters to which the location server responds with an indication as to what parameters the target device will actually receive. Additionally the target device may modify the session parameters and the location server can respond to the target indicating whether or not the modification was accepted or if the modification was accepted in a modified form.

No. of Pages: 34 No. of Claims: 39

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM METHOD AND SERVER FOR INPUT VERIFICATION

(51) International classification	:H04L 9/32	(71)Name of Applicant:
(31) Priority Document No	:201010142480.7	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:30/03/2010	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2011/070924	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:11/02/2011	China
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)CHEN Yuning
Number	*	2)LI Ming
Filing Date	:NA	3)HUANG Hui
(62) Divisional to Application Number	:NA	4)PENG Lihang
Filing Date	:NA	

(57) Abstract:

A system method and server for verifying inputs are provided. The system comprises: a server receiving a verification session sent from a client randomly selecting a preset verification mode and the corresponding resources according to the selected verification mode to generate a verification information sending the verification information to the client and acquiring a userTMs input and determining whether the input matches the verification information; if so the verification is passed; otherwise the verification is failed; and a client sending the verification session to the server receiving the verification information sent from the server and sending the userTMs input to the server.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application: 17/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR AUTHENTICATING COMMUNICATION DEVICE

(51) International classification	:H04W12/06	(71)Name of Applicant:
(31) Priority Document No	:201010149674.X	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:12/04/2010	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2011/072651	China
Filing Date	:12/04/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)ZHANG Lijia
(61) Patent of Addition to Application	:NA	2)XU Yixian
Number		3)HUANG Yingxin
Filing Date	:NA	4)LIU Xiaohan
(62) Divisional to Application Number	:NA	5)LAURENCE Meriau
Filing Date	:NA	

(57) Abstract:

Embodiments of the present invention disclose a method and an apparatus for authenticating a communication device, where the method includes: receiving an attach request including a group identifier and sent by an MTC device to be authenticated, where the group identifier is a group identifier of an MTC group where the MTC device to be authenticated is located; determining whether a first group authentication vector bound to the group identifier exists locally, where the first group authentication vector is an authentication vector used for authenticating MTC devices in the MTC group; and if existing, according to the first group authentication vector, authenticating the MTC device to be authenticated, and generating a system key of the MTC device to be authenticated. The technical solutions provided in the present invention can be applied to the technical field of authenticating the MTC device.

No. of Pages: 58 No. of Claims: 23

(22) Date of filing of Application :28/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention: ADAPTIVE SPEED CONTROL OF A COMPRESSOR MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)CYBERMOTION TECHNOLOGIES PVT. LTD. Address of Applicant: PLOT # 235, ROAD # 14, BANJARA HILLS, HYDERABAD 500 034 Andhra Pradesh India (72)Name of Inventor: 1)JAMBHOLKAR PRAVEEN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A method and system for adaptive speed control of a compressor motor is disclosed. The method including steps of, measuring predetermined electrical parameters of input power supply to the compressor motor, measuring pressure and temperature at the compressor output, comparing the measured electrical parameters with standard voltage versus frequency characteristics, tracking variations in the measured electrical parameters, calculating rate of change of speed of the compressor motor, calculating efficiency of the compressor, and controlling the electrical parameters of the input power supply based on the calculated efficiency and rate of change of speed to vary the speed of the compressor motor. The system including, first measuring means to measure predetermined electrical parameters of input power supply to the compressor motor, second measuring means to measure pressure and temperature at the compressor output and processing means to control speed of the compressor motor.

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

(22) Date of filing of Application :09/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: REFLECTIVE AND TRANSFLECTIVE OPERATION MODES FOR A DISPLAY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G09G3/34 :61/339,946 :11/03/2010 :U.S.A. :PCT/US2011/028143 :11/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)PIXTRONIX INC. Address of Applicant:5775 Morehouse Drive San Diego California 92121-1714 United States of America (72)Name of Inventor: 1)GANDHI Jignesh 2)HAGOOD Nesbitt W. IV. 3)HALFMAN Mark Douglas 4)KIM Je Hong
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(57) Abstract:

A direct-view display apparatus includes a transparent substrate an internal light source a plurality of light modulators coupled to the transparent substrate and a controller for controlling the states of the plurality of light modulators and the internal light source. The controller is configured to cause the display to transition from one of a transmissive reflective and transflective mode to a second of said modes.

No. of Pages: 93 No. of Claims: 91

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF PRODUCTION OF NUT FOR BALL SCREW USE AND BALL SCREW

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/08/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)NSK LTD. Address of Applicant: 6-3 Ohsaki 1-chome Shinagawa-ku Tokyo 141-8560 Japan (72)Name of Inventor: 1)YOKOYAMA Shouji 2)SAITOU Shingo 3)WATANABE Atsushi 4)HASHIMOTO Koji
Filing Date	:NA	

(57) Abstract:

There is provided a method enabling the formation of a ball recirculation groove and a ball rolling groove at the inner circumferential surface of a nut for ball screw use in a state free of deviation in an axial direction, circumferential direction, and radial direction of the nut. An end face (111a) of a flange (111) is formed with a concave part (102), then a blank (101) is attached to a chuck (130) and an inner circumferential surface (101a) of the same and an end face (111a) and outer circumferential surface (111b) of the flange (111) are continuously ground. Due to this, the coaxiality of the inner circumferential surface (101a) of the blank (101) and the outer circumferential surface (111b) of the flange (111) and the perpendicularity of the end face (111a) of the flange (111) to the inner circumferential surface (101a) of the blank (101) are made smaller. This blank (101) is plastically worked at its inner circumferential surface (101a) to form the ball recirculation groove and is cut to form the ball rolling groove while using the concave part (102) as a phase reference, the end face (111a) as an axial direction reference, and the outer circumferential surface (111b) as a radial direction reference.

No. of Pages: 147 No. of Claims: 31

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: MICROMACHINED PIEZOELECTRIC X-AXIS GYROSCOPE

(71) I	C01C 10/56	(71)NI CA II A
(51) International classification	:G01C 19/56	(71)Name of Applicant :
(31) Priority Document No	:61/343,600	1)QUALCOMM MEMS TECHNOLOGIES INC.
(32) Priority Date	:30/04/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121-1714 U.S.A.
(86) International Application No	:PCT/US2011/032930	(72)Name of Inventor:
Filing Date	:18/04/2011	1)ACAR Cenk
(87) International Publication No	: NA	2)SHENOY Ravindra Vaman
(61) Patent of Addition to Application	:NA	3)BLACK Justin Phelps
Number		4)PETERSEN Kurt Edward
Filing Date	:NA	5)GANAPATHI Srinivasan Kodaganallur
(62) Divisional to Application Number	:NA	6)STEPHANOU Philip Jason
Filing Date	:NA	_

(57) Abstract:

This disclosure provides systems methods and apparatus including computer programs encoded on computer storage media for making and using gyroscopes. Some gyroscopes include a drive frame a central anchor and a plurality of drive beams disposed on opposing sides of the central anchor. The drive beams may connect the drive frame to the central anchor. The drive beams may include a piezoelectric layer and may be configured to cause the drive frame to oscillate torsionally in a plane of the drive beams. The gyroscope may also include a proof mass and a plurality of piezoelectric sense beams. At least some components may be formed from plated metal. The drive frame may be disposed within the proof mass. The drive beams may constrain the drive frame to rotate substantially in the plane of the drive beams. Such devices may be included in a mobile device such as a mobile display device.

No. of Pages: 134 No. of Claims: 26

(21) Application No.8984/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLVING CHARACTER DISPLAY AMBIGUITIES

(31) Priority Document No :10290179.0 1 (32) Priority Date :02/04/2010 (33) Name of priority country :EPO N2 (86) International Application No :PCT/EP2011/055193 (72	71)Name of Applicant: 1)Research In Motion Limited Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada 72)Name of Inventor: 1)ARZELIER Claude Jean-Frederic
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(57) Abstract:

A method for decoding an ambiguous character code. The method includes a user equipment (UE) receiving a character code that refers to a first character in a first language and to a second character in a second language. The method further includes the UE using language discrimination information available to the UE for other purposes to determine whether to display the first character or the second character.

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

(22) Date of filing of Application :19/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: PEPTIDE DERIVATIVES PREPARATION THEREOF AND USES THEREOF AS VECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 7/06 :1053036 :21/04/2010 :France :PCT/FR2011/050883 :18/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)VECT-HORUS Address of Applicant: Facult de Mdecine Secteur Nord 51 Boulevard Pierre Dramard CS 80011 F-13344 Marseille Cedex 15 France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3)UNIVERSITE DE LA MEDITERRANEE (72)Name of Inventor: 1)VLIEGHE Patrick 2)DAVID Marion 3)MOLINO Yves 4)KHRESTCHATISKY Michel
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(57) Abstract:

The invention relates to peptide derivatives (peptides and pseudo-peptides) and to the use thereof as vectors for molecules of interest. The invention also relates to conjugates containing a peptide derivative of the invention bonded to a molecule of interest. The peptides of the invention can be used for delivering in the form of conjugates generally prodrugs molecules of pharmaceutical or diagnostic interest for instance therapeutic molecules imaging or diagnostic agents or molecular probes across cell membranes and in particular for promoting transport thereof across the blood-brain barrier (BBB).

No. of Pages: 58 No. of Claims: 20

(22) Date of filing of Application :25/03/2011 (43) Publication Date : 14/02/2014

(54) Title of the invention : GASTRORETENTIVE DOSAGE FORMS OF GABAPENTIN AND PROCESS FOR PREPARATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MATRIX LABORATORIES LIMITED Address of Applicant: PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh India (72)Name of Inventor: 1)PAKALAPATI, V. J. RAMANI 2)AMMINABAVI, NAGARAJ 3)GORE, SUBHASH 4)PANANCHUKUNNATH, MANOJ KUMAR 5)GUPTA, RAJESH 6)BHUSHAN, INDU
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(57) Abstract:

The invention relates to process for preparing round shape gastroretentive tablet comprising a therapeutically effective amount of gabapentin suitable for once daily dosing. More particularly, the invention relates to process of preparing round shape tablets which is capable of enhancing gastric retention time and provides sustained release of gabapentin over a prolonged period of time in stomach.

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

(21) Application No.936/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: NOVEL FORMS OF APIXABAN

(51) International classification (31) Priority Document No	:C07D :NA	(71)Name of Applicant : 1)Dr. Reddys Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :Dr. Reddys Laboratories Limited 8-2-
(33) Name of priority country	:NA	337 Road No. 3 Banjara hills Hyderabad 500 034. Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Peddi Reddy Subba Reddy
(61) Patent of Addition to Application Number	:NA	2)Md Arshad Alam
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application relate to amorphous form of Apixaban useful in making pharmaceutically acceptable dosage forms, and to processes for their preparation.

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

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR A PERIODIC FEEDBACK UNDER CARRIER AGGREGATION SCENE

(51) International classification	:H04W 72/12	(71)Name of Applicant :
· /		
(31) Priority Document No	:201010146854.2	1)ZTE CORPORATION
(32) Priority Date	:01/04/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan District Shenzhen Guangdong Province
(86) International Application No	:PCT/CN2010/076155	518057 China
Filing Date	:19/08/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)BO DAI
(61) Patent of Addition to Application	:NA	2)XIN WU
Number	*	3)PING ZENG
- 102220 02	:NA	, ·
Filing Date		4)GUANGHUI YU
(62) Divisional to Application Number	:NA	5)ZHISONG ZUO
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method and a system for non-periodic feedback in a carrier aggregation scenario. The method comprises: a base station sending a non periodic trigger signaling to a piece of User Equipment (UE); the UE receiving the non-periodic trigger signaling, and determining a Downlink Component Carrier (DL CC) requiring feedback according to the non-periodic trigger signaling; the UE triggering a non-periodic feedback of the determined DL CC. With the present invention, the problem that it is impossible to determine which downlink component carrier is to be fed back according to the non-periodic trigger signaling in the carrier aggregation scenario is solved, uplink feedback of the DL CC that is unnecessary to be fed back is effectively reduced, the base station can adjust resource allocation according to information fed back by the UE, and the performance of downlink data transmission is ensured.

No. of Pages: 25 No. of Claims: 16

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR ESTIMATING THE INITIAL TEMPERATURE OF A MECHANICAL MEMBER OF A VEHICLE AT THE START-UP OF THE VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:07/04/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant:13-15 quai Le Gallo F-92100 Boulogne-Billancourt France (72)Name of Inventor: 1)FRANCOIS FOUSSARD 2)STEPHANE GUEGAN 3)NICOLAS ROMANI 4)PHILIPPE SAINT LOUP
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for estimating the temperature of a mechanical member (4) of a vehicle (1) once the vehicle has been stopped, which includes: a temperature sensor (11) of a first element (10) of the vehicle (1), which can, in particular, be a fluid tank of the vehicle; means (19) for estimating the air temperature outside the vehicle; and a first module (23) for estimating the temperature of the member (4) when the vehicle is in motion. The system also includes: means (22) for storing, while the vehicle (1) is stopped, an outside air temperature value, a temperature value of the first element (10) and a temperature value of the member (4); a second module (20) suitable for calculating how long the vehicle has been stopped (1) according to an outside air temperature value, a stored temperature of the first element (10) and a measured temperature of the first element (10); and a third module (21) suitable for calculating a thermal history of temperature variation of the member (4) while the vehicle is stopped (1), according to an outside air temperature value, a stored temperature of the member (4) and a stoppage time of the vehicle calculated by the second module (20).

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

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR PRODUCING UNSYMMETRICAL SECONDARY TERT-BUTYL AMINES IN THE GAS PHASE

(57) Abstract:

The present application relates to a method for producing unsymmetrical secondary tert-butyl amines by continuous amination in the gas phase wherein tert-butyl amine is reacted in the presence of an alcohol or aldehyde and hydrogen on hydrogenation catalysts.

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

(22) Date of filing of Application :08/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN A MIMO **SYSTEM**

(51) International classification :H04B7/04 (71)Name of Applicant: (31) Priority Document No :10-2010-0022122 (32) Priority Date RESEARCH INSTITUTE :12/03/2010 (33) Name of priority country :Republic of Korea :PCT/KR2011/001742 Daejeon 305-350 Republic of Korea (86) International Application No Filing Date :11/03/2011 (72)Name of Inventor: (87) International Publication No : NA 1)OH Jong-Ee (61) Patent of Addition to Application 2)CHEONG Minho :NA Number 3)LEE Sok-Kyu :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ELECTRONICS AND TELECOMMUNICATIONS

Address of Applicant:161 Gajeong-dong Yuseong-gu

(57) Abstract:

The present invention relates to a method and apparatus for transmitting and receiving data. A data transmission method from a sender terminal to a receiver terminal in a MIMO system using a variable frequency band according to one embodiment of the present invention comprises: repeatedly generating a signal field depending on a frequency band that is applied to the transmission of a data frame; generating a data field including the data; generating a data frame including the signal field and the data field; and transmitting the data frame to the receiver terminal. The present invention is advantageous in that a signal field which is transmitted together with the data being transmitted from the sender terminal to the receiver terminal in the MIMO system can be sent more efficiently.

No. of Pages: 89 No. of Claims: 15

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR TRANSCEIVING DATA IN A MIMO SYSTEM

		(71)Name of Applicant :
(51) International classification	:H04B7/04	1)ELECTRONICS AND TELECOMMUNICATIONS
(31) Priority Document No	:10-2010-0021576	RESEARCH INSTITUTE
(32) Priority Date	:11/03/2010	Address of Applicant:161 Gajeong-dong Yuseong-gu
(33) Name of priority country	:Republic of Korea	Daejeon 305-350 Republic of Korea
(86) International Application No	:PCT/KR2011/001740	(72)Name of Inventor:
Filing Date	:11/03/2011	1)PARK Jaewoo
(87) International Publication No	: NA	2)OH Jong-Ee
(61) Patent of Addition to Application	:NA	3)LEE II-Gu
Number	:NA	4)LEE Sok-Kyu
Filing Date	.NA	5)CHEONG Minho
(62) Divisional to Application Number	:NA	6)CHOI Jeeyon
Filing Date	:NA	7)LEE Jae-Seung
-		8)KIM Yun-Joo

(57) Abstract:

The present invention relates to a method and apparatus for transceiving data. A method in which a transmitting terminal transmits data to a receiving terminal in a MIMO system according to one embodiment of the present invention comprises the following steps: generating a data field containing the data; generating a signal field containing information on the data field; generating a data frame containing the data field and the signal field; and transmitting the data frame to the receiving terminal. According to the present invention an end of the frame being transmitted is accurately notified to the receiving terminal in a communication system in which the frame is transmitted using MIMO thereby decoding the frame in a more efficient manner at the receiving terminal.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :16/10/2012 (43) Publication Date: 14/02/2014

(54) Title of the invention: 22-DITHIAZOL NON-NUCLEOSIDE COMPOUNDS PREPARATION METHODS PHARMACEUTICAL COMPOSITIONS AND USES AS HEPATITIS VIRUS INHIBITORS THEREOF

(51) International classification :C07D 277/56 (31) Priority Document No :201010131636.1 (32) Priority Date :24/03/2010 (33) Name of priority country :China (86) International Application No Filing Date :16/03/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant: 1)SHANGHAI INSTITUTE OF MATERIA MEDICA CHINESE ACADEMY OF SCIENCES

Address of Applicant: 555 Zu Chong Zhi Road Zhang Jiang

:PCT/CN2011/071851 Pudong Shanghai 201203 China (72)Name of Inventor:

(21) Application No.8867/CHENP/2012 A

1)NAN Fajun 2)ZUO Jianping 3)ZHANG Yangming

4)TANG Wei

(57) Abstract:

(19) INDIA

Disclosed are 2 2-dithiazol non-nucleoside compounds shown as the following general formula (I) preparation methods thereof and pharmaceutical compositions comprising said compounds. The invention belongs to the field of pharmaceutical chemistry. The compounds possess activities against both hepatitis B virus and hepatitis C virus and can be used for treating hepatitis B infection and hepatitis C infection. Pharmacokinetics test shows that the compounds have good bioavailability. I

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

(22) Date of filing of Application :22/10/2012 (43) Publication Date : 14/02/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 36/14 :201010216472.2 :28/06/2010 :China :PCT/CN2011/075168 :02/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P. R. China (72)Name of Inventor: 1)LIU Jing 2)CHANG Ningjuan 3)WANG Ke 4)PENG Yan
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(57) Abstract:

The present invention provides a handover method which includes: obtaining by an obtaining node mobility management entity pool MME pool information which is sent by a donor station of the access node and is used for identifying a mobility management entity MME to which a user equipment UE is attached; and initiating by the access node handover for the UE according to the MME pool information used for identifying the MME to which the UE is attached. The present invention further provides a communication device and a communication system. According to the technical solutions provided by the embodiments of the present invention the handover may be successfully performed through MME pool information that is sent by the donor station of the access node and is of the MME to which the UE is attached.

No. of Pages: 32 No. of Claims: 22

(21) Application No.9047/CHENP/2012 A

(19) INDIA

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

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHODS AND APPARATUS FOR PROVIDING CONTEXT INFORMATION IN A WIRELESS COMMUNICATIONS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W 16/14 :12/766,806 :23/04/2010 :U.S.A. :PCT/US2011/032170 :12/04/2011 : NA	(71)Name of Applicant: 1)Apple Inc. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 UNITED STATES OF AMERICA. (72)Name of Inventor: 1)MUECK Markus 2)SCHMIDT Andreas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus for transmission of selected segments of information (such as system context information). In one embodiment a cognitive pilot channel base station (CPC-BS) is disclosed that enables the distribution of context information to various user equipment and mobile devices in an efficient manner. The exemplary CPC-BS is also optionally capable of distributing sensing tasks to external entities and compiling the data results from these distributed tasks for use in performing future CPC transmissions based e.g. on the operational mode of the system. On-demand provisioning of context information over both broadcast and peer-to-peer communications with served users is also disclosed. In addition to the distribution of context information via the use of a single CPC-BS master- slave relationships between multiple CPC-BSs are also described which permit for a distributed architecture in providing context information to served users.

No. of Pages: 57 No. of Claims: 26

(21) Application No.3103/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : MODULAR STRUCTURE FOR GYM OR SIMILAR AND EXERCISE APPARATUS INCLUDING THIS STRUCTURE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:A63B1/00,A63B9/00,A63B17/04 :MI2011U000126 :13/04/2011 :Italy :PCT/IB2012/051845 :13/04/2012 :WO 2012/140622 :NA :NA	(71)Name of Applicant: 1)QUEENAX S.R.L. Address of Applicant: Strada Provenciale Bonifica de Tronto Km13.250 I-64010 Ancarano (TE) ITALY (72)Name of Inventor: 1)SCARAMUCCI, Silvia
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present innovation concerns a modular structure for gymnasiums or similar, comprising at least one pair of supports (2) for positioning near facing walls of a room, a beam (4, 30, 60) connected at its ends (4a) to said supports, said supports being provided with connection means (6) configured to be shifted from a tightened position in which they make said beam (4, 30, 60) integral with the supports (2), to a released position in which they allow said beam (4, 30, 60) to translate with respect to said supports (2), connection means (10) for exercise equipment being provided on said beam (4, 30, 60), said means being configured to translate along said beam (4, 30, 60).

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

(22) Date of filing of Application :23/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : A DEVICE FOR THE CONNECTION OF GYMNASTIC EQUIPMENT TO THE FLOORING OF A GYMNASIUM OR THE LIKE

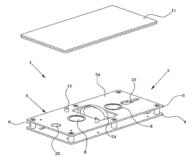
(51) International classification :A63B71/02,A63B21/16 (71)Name of Applicant : (31) Priority Document No 1)OUEENAX S.r.l. :MI2011A000625 (32) Priority Date :13/04/2011 Address of Applicant :Strada Provinciale Bonifica del Tronto Km. 13.250 I-64010 Ancarano (TE) ITALY (33) Name of priority country :Italy (86) International Application No :PCT/IB2012/051822 (72)Name of Inventor: Filing Date :13/04/2012 1)SCARAMUCCI, Silvia (87) International Publication No :WO 2012/140605 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to a device (1) for the connection of gymnastic equipment to the flooring (30) of a gymnasium or the like, comprising a support (2) which can be placed in a housing (50) produced in a flooring (30) and accessible from an opening (A), at least one electromagnet (8) mounted on said support (2) which can be connected to a control device (100), at least one slab (11, 12) adapted to be placed in the opening (A) resting on said support (2), said slab (11, 12) comprising at least one portion (11a, 12a) made of ferromagnetic material, the upper surface (14) of said slab being substantially flat or being provided with means (13) for the connection of gymnastic equipment.

:NA



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

(21) Application No.3105/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

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

(51) International classification	:A01N65/00,A01N43/90,A01N47/28	1)DOBSON, Stepnen
(31) Priority Document No	:61/477,781	Address of Applicant :341 Glendover Road, Lexington, KY
(32) Priority Date	:21/04/2011	40503 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)DOBSON, Stephen
(86) International Application No Filing Date	:PCT/US2012/031437 :30/03/2012	
(87) International Publication No	:WO 2012/145145	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A formulation and method for insect control is provided in the form of insecticide carrying insects which can be introduced in a population to thereby control the insect population. The formulation may include artificially generated adult insect carriers of a larvicide in which the larvicide has minimal impact on the adult insect and which larvicide affects juvenile survival or interferes with metamorphosis of juvenile insects to adulthood. The insects may be either male or female and may include mosquitoes.

No. of Pages: 27 No. of Claims: 24

(21) Application No.3106/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SYSTEM FOR DETERMINATION OF A CONTAINER'S POSITION IN A VEHICLE AND/OR IN ITS TRAILER TO BE LOADED WITH CONTAINERS

(51) International classification :G01S17/42,B66C13/46 (71)Name of Applicant : (31) Priority Document No :20110159 (32) Priority Date :10/05/2011 (33) Name of priority country :Finland

(86) International Application No :PCT/FI2012/050331 Filing Date :02/04/2012

(87) International Publication No :WO 2012/152984

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

1)CARGOTEC FINLAND OY

Address of Applicant: Ruskontie 55, 33710 Tampere,

FINLAND

(72)Name of Inventor: 1)Jvrki KOUHIA

(57) Abstract:

The invention concerns a system for determination of a container's position in a vehicle and/or in its trailer to be loaded with containers (13) in a loading area for containers (13), such as a container freight terminal, where the container or containers (13) are loaded into a vehicle (16) and/or into its trailer and, correspondingly, they are unloaded from this/these by a crane (10b) for handling containers which travels in the loading area above the traffic lane or traffic lanes (26b). The crane is equipped with a container spreader (23b) gripping the containers (13) from above and with a positioning system for the crane (10b) and for the container spreader (23b). The vehicle (16) and, correspondingly, its trailer have locking pins locking into pin holes in the corners of the container (13), whereby the system has laser scanners for determination of the position of the locking pins in the vehicle (16) and/or in its trailer and for determination of the container's position depending on these. The laser scanner/laser scanners are arranged to determine the positions in relation to the ground of the locking pins in the vehicle (16) and/or its trailer parked in the loading area, and the system is arranged to relay the position information determined by the laser scanner to the crane (10b), whereby based on the position information of the crane (10b) and the container spreader (23b) the crane s positioning system is adapted to calculate the position of the locking pins in relation to the crane (10b).

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

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : ALUMINUM OXYCARBIDE COMPOSITION, PRODUCTION METHOD THEREFOR, AND REFRACTORY MATERIAL

(51) International :C04B35/00,C04B35/657,C04B35/103

classification .C04B33/00,C04B33/037,C04B33/

(31) Priority Document No :2011-191830 (32) Priority Date :02/09/2011

(33) Name of priority country :Japan

(86) International :PCT/JP2012/068777

Application No
Filing Date

1. C 1/31 2012
:25/07/2012

(87) International :WO 2013/031435

Publication No :WO 2013/031

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

(71)Name of Applicant:

1)KROSAKIHARIMA CORPORATION

Address of Applicant :1-1, Higashihama-machi, Yahatanishi-

ku, Kitakyushu-shi, Fukuoka, 806-8586 JAPAN

(72)Name of Inventor:

1)AKAMINE,KEIICHIRO

2)YOSHITOMI, Joki

(57) Abstract:

The present invention provides an aluminum oxycarbide composition in which the Al4O4C can be inhibited from oxidizing during use and the effect of the Al4O4C can be maintained for a long period. This aluminum oxycarbide composition has crystals of Al4O4C. When any cross-section of the aluminum oxycarbide composition is examined, the crystals of AlOC have an average diameter, calculated through conversion of the cross-sectional area of each Al4O4C crystal to a circle, of 20 μ m or larger. This aluminum oxycarbide composition can be produced by melting a carbonaceous raw material and an alumina based raw material in an arc furnace and thereafter cooling the melt in the arc furnace.



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

(22) Date of filing of Application :23/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : ASSEMBLY WITH VAPOR VENT VALVE AND LIQUID TRAP FOR STATIC LEAK PREVENTION IN VAPOR CONTROL SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (31) Patent of Addition No (31) Priority Date (31) Priority Document No (32) Priority Document No (33) Name of priority country (34) Priority Document No (35) Priority Document No (37) Priority Document No (37) Priority Document No (37) Priority Document No (37) Priority Document No (38) Priority Document No (37) Priority Document No (37) Priority Document No (37) Priority Document No (38) Priority Document No (39) Priority Document No (30) Priority Document No (31) Priority Document No (32) Priority Document No (33) Name of priority Country (34) Priority Document No (35) Priority Document No (36) Priority Document No (37) Priority Document No (37) Priority Document No (38) Priority Document No (39) Priority Document No (39) Priority Document No (30) Priority Document No (31) Priority Document No (31) Priority Document No (32) Priority Document No (33) Priority Document No (34) Priority Document No	1)EATON CORPORATION Address of Applicant :1000 EATON BOULEVARD, CLEVELAND, OHIO 44122, U.S.A. (72)Name of Inventor: 1)WALTER, Stefan
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(57) Abstract:

An assembly (16, 216) mountable to a fuel tank (11, 210) and connectable to a carbon canister (17) includes a housing (18, 118, 218) defining an internal cavity (32, 132, 232). A vapor vent valve (36) is configured to permit fluid communication from the fuel tank through the vapor vent valve from an inlet (38) to an outlet (40), and in all cases is isolated from the internal cavity so that fluid flows through the vapor vent valve from the inlet to the outlet without fluid communication with the internal cavity. A first vent line (64) connects the outlet of the vapor vent valve with a first port (60) of the housing. A second vent line (72) connects a second port (62) of the housing with the carbon canister. At least a portion (74, 78) of the first vent line is above a predetermined liquid fuel level (75) within the tank when the assembly is mounted to the fuel tank and tilted at up to a predetermined angle (76).

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

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: FUEL INLET VALVE WITH INTEGRAL LINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60K15/04 :13/114,140 :24/05/2011 :U.S.A. :PCT/US2012/039398 :24/05/2012 :WO 2012/162532 :NA :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)PAUL D. WALKOWSKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3113/KOLNP/2013 A

(57) Abstract:

A fuel inlet valve (10) for a fuel tank includes a flange (16) that is attachable to the fuel tank and a first aperture and a second aperture formed in the flange. The fuel inlet valve (10) also includes a fuel valve (20b) associated with the first aperture and a fill pipe nipple (20c) associated with the first aperture. The fuel valve (10) and the fill pipe nipple (20c) form a fuel path through the first aperture. The fuel inlet valve (10) also has at least one nipple (20a) associated with the second aperture and connectable to said at least one nipple (20a) is connectable to a purge line, a fuel pump, or a fuel line.

No. of Pages: 11 No. of Claims: 14

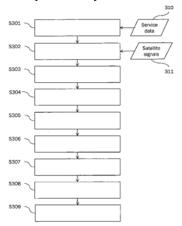
(22) Date of filing of Application :23/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD, APPARATUS AND SYSTEM FOR DETERMINING A POSITION OF AN OBJECT HAVING A GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER BY PROCESSING UNDIFFERENCED DATA LIKE CARRIER PHASE MEASUREMENTS AND EXTERNAL PRODUCTS LIKE IONOSPHERE DATA

(57) Abstract:

The present invention relates to a method for determining a position of an object having a Global Navigation Satellite System (GNSS) receiver. According to the invention, the method comprises the steps of: receiving signals by the GNSS receiver which are transmitted by GNSS transmitters positioned on board of satellites which are positioned in a view of the object; updating service data in the object, the service data including satellite clock data indicating internal clocks of the satellites, satellite orbit data indicating positions of the satellites, satellite delay code bias data relating to delay code biases of the GNSS transmitters and ionospheric model data indicating a state of an ionosphere; determining, based on the ionospheric model data, ionospheric delay data indicating corrections relating to delays of the signals, the delays of the signals resulting from a passage of the signals through the ionosphere between transmission of the signals from the GNSS transmitters and reception of the signals by the GNSS receiver; and determining a position of the object based on the signals, the satellite clock data, the satellite orbit data, the satellite delay code bias data and the determined ionospheric delay data.



No. of Pages: 56 No. of Claims: 15

(21) Application No.3118/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: TIRE AIR PRESSURE TRANSMISSION DEVICE AND TIRE AIR PRESSURE MONITORING **SYSTEM**

(51) International :B60C23/04,B60C23/02,G01L17/00

classification

(31) Priority Document No :2011-096949 (32) Priority Date :25/04/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/053973

No :20/02/2012

Filing Date

(87) International Publication :WO 2012/147396

(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)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor: 1)Takashi SHIMA

2) Kazuo SAKAGUCHI

3)Syoji TERADA

(57) Abstract:

A tire air pressure transmission device configured so as to set a sampling cycle on the basis of the acceleration of a wheel in the centrifugal direction, and to detect the value of the gravity acceleration component of the acceleration in the centrifugal direction for each set sampling cycle.

No. of Pages: 64 No. of Claims: 18

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: TIRE AIR PRESSURE MONITORING DEVICE

(51) International

:B60C23/02,B60C23/04,G01L17/00

classification

(19) INDIA

(31) Priority Document No :2011-096674

(32) Priority Date

:25/04/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/053972

:20/02/2012

wheel cylinder pressure of the wheels has been implemented.

(87) International Publication: WO 2012/147395

No

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

Filing Date

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)NISSAN MOTOR CO., LTD.

Address of Applicant: 2. Takara-cho Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023 JAPAN

(21) Application No.3119/KOLNP/2013 A

(72)Name of Inventor:

1)Takashi SHIMA

2)Syoji TERADA

3)Kazuo SAKAGUCHI

A TPMSCU (4) comprises: a rotation position calculation unit (4a) that detects the rotation position for each wheel when a wireless signal including a certain sensor ID has been sent; a wheel position determination unit (4c) that obtains the rotation position of each wheel (1) a plurality of times and accumulates same as rotation position data for each wheel (1), and determines that a wheel position, corresponding to the rotation position data having the smallest degree of dispersion among all the rotation position data, is the wheel position of a transmitter (2d) corresponding to the sensor ID; and a rotation position detection prohibiting unit (4e) that prohibits detection of the rotation position of each wheel (1) by the rotation position calculation unit (4a) when braking control that controls the

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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: IGNITION TIMING CONTROL APPARATUS FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2011-096732 :25/04/2011 :Japan :PCT/JP2012/053287 :13/02/2012 :WO 2012/147388 :NA :NA	(71)Name of Applicant: 1)NISSAN MOTOR CO., LTD. Address of Applicant: 2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor: 1)Yuji SASAKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is provided with: a fuel injection-timing-detecting means (11); an engine-speed-detecting means (131); an engine-load-detecting means; and a storing means (11) for storing control data on the variation in optimal ignition timing with respect to engine speed and engine load, and correction coefficient control data pertaining to optimal ignition timing with respect to the engine load at a specific fuel injection timing. With reference to the control data, the variation in the optimal ignition timing is determined from the detected fuel injection timing and the detected engine speed; and, with reference to the control data, the variation in the optimal ignition timing is determined from the specific fuel injection timing and the detected engine speed, and the deviation between the respective variation in the optimal injection timing is determined. With reference to the correction coefficient control data, the correction coefficient with respect to the detected engine load at the specific fuel injection timing is determined; and the variation in the corrected optimal ignition timing is determined from the correction coefficient and the deviation in the optimal ignition timing.

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

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ION EXCHANGING APPARATUS

(51) International classification :C02F1/42,B01J47/02,B01J49/00 (71)Name of Applicant:

(31) Priority Document No :2011-110443 (32) Priority Date :17/05/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/061542

:01/05/2012 Filing Date

(87) International Publication No:WO 2012/157448

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ORGANO CORPORATION

Address of Applicant :2-8, Shinsuna 1-chome, Koto-ku, Tokyo

136-8631. JAPAN

(72)Name of Inventor:

1)Mitsuru YODEN

2)Mikio SUGANO

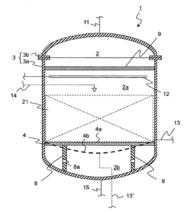
3)Kazuhiko SAIKI

4)Reo MATSUTANI

5)Kazuhiro NISHIKAWA

(57) Abstract:

The present invention addresses the problem of suppressing pressure loss and smoothly discharging the water treated by an ion exchanger outside an ion exchanger equipment. An ion exchanger equipment (1) has an outside container (3) which has an interior space (2), and an ion exchanger holding unit (4), which divides at least one part of the interior space (2) into an upper space (2a) and a lower space (2b) and which can hold the ion exchanger with which the upper part space (2a) can be filled up. At least one part of the upper surface of the ion exchanger holding unit (4) includes at least one screen comprising a channel that circulates the water treated by the ion exchanger into the lower space (2b) while holding the ion exchanger.



No. of Pages: 52 No. of Claims: 19

)N

(21) Application No.3123/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : APPARATUS FOR FILLING A CONTAINER WITH A LIQUID WHICH IS INTENDED, IN PARTICULAR, FOR CONSUMPTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2011 103 876.4 :10/06/2011 :Germany	(71)Name of Applicant: 1)LEIBINGER GMBH Address of Applicant: Brühlstrasse 10, 79331 Teningen, GERMANY (72)Name of Inventor: 1)LEIBINGER, Benedikt
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(57) Abstract:

An apparatus for filling a container (1) with a liquid which is intended, in particular, for consumption has a tube (2) for feeding the liquid. This tube has a flexible separating plate (3) at the lower end. The tube (2) with its separating plate (3), prior to the filling operation, is lowered onto the base of the container (1) and then is moved upwards, with the liquid being fed at the same time.

No. of Pages: 36 No. of Claims: 13

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: INFORMATION ACQUIRING METHOD AND BASE STATION

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT Filing Date :19/0	Address of Applicant :1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, JAPAN (72)Name of Inventor: 1)Na GUAN 2)Lin TIAN 3)Yi HUANG 4)Weiwei WANG 5)Hua ZHOU	
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(57) Abstract:

A method and Base Station (BS) for information acquisition are provided. The method includes that when a user equipment (UE) switches between cells, a target BS receives a reception state information, which is reported by a source BS, about Multimedia Broadcast Multicast Service (MBMS) of the UE; wherein the reception state information includes the information indicating that the UE is receiving MBMS, or includes the information indicating that the UE has finished receiving MBMS. With the embodiments of the present invention, when UE switches between cells, the source serving BS of UE informs the target BS of the reception state information about MBMS of the UE, thereby the continuity about MBMS of the UE being guaranteed.

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

(22) Date of filing of Application :24/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR EDITING SCREEN OF MOBILE DEVICE HAVING TOUCH **SCREEN**

(51) International :G06F3/048,G06F3/041,H04W88/02 classification

:10-2011-0048301 (31) Priority Document No

(32) Priority Date :23/05/2011

(33) Name of priority :Republic of Korea

country (86) International

:PCT/KR2012/003603

Application No :09/05/2012 Filing Date

(87) International Publication: WO 2012/161434

No

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

Filing Date

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

(71)Name of Applicant:

1)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)Kvu Sung KIM

2)Jee Yeun WANG 3)Yu Sic KIM

4)Hui Chul YANG

5)Joong Hun KWON

(57) Abstract:

A method and an apparatus for editing a screen of a mobile device having a touch screen. In an idle mode, the mobile device displays an item display region containing at least one item on an idle screen. In an edit mode, the mobile device displays an edit command region containing at least one predetermined edit command on an edit screen. When a first item contained in the item display region is moved to the edit command region, the mobile device executes the predetermined edit command assigned to a moved position of the edit command region.



No. of Pages: 28 No. of Claims: 15

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR DETERMINING THE METABOLIC CAPACITY OF AT LEAST ONE ENZYME

(51) International classification :A61B5/097,A61B5/083 (71)Name of Applicant : (31) Priority Document No :10 2011 007 310.8 1)HUMEDICS GMBH (32) Priority Date Address of Applicant: Marie-Elisabeth-Lüders-Strasse 1. :13/04/2011 (33) Name of priority country 10625 Berlin, GERMANY :Germany (86) International Application No (72)Name of Inventor: :PCT/EP2012/056808 1) HEYNE, Karsten Filing Date :13/04/2012 (87) International Publication No :WO 2012/140213 2)STOCKMANN, Martin (61) Patent of Addition to Application 3) RUBIN, Tom :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for determining the metabolic capacity of at least one enzyme. It comprises the steps of the time-resolved determination of the concentration of a product in the air exhaled by an individual, wherein the product has been created by a metabolism of a substrate, previously administered to the individual, by at least one enzyme of the individual and wherein the product concentration is determined at the least until the maximum product concentration in the air exhaled by the individual is reached, the fitting of a model function to measured values of the product concentration, which were obtained by the time-resolved determination of the product concentration between a start time and an end time, and the determination of the metabolic capacity of the enzyme on the basis of parameters of the model function, which specify the model function. The method is characterized in that determining the metabolic capacity of the enzyme takes place on the basis of at least two parameters of the model function, with the proviso that the maximum value of the model function and the time constant of the model function are not selected as parameters at the same time, insofar as the model function is a mono-exponential function, and with the further proviso that the start time and/or the end time are not selected as parameters.

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

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PANE WITH AN ELECTRICAL CONNECTION ELEMENT

(51) International classification	:H05B3/84,H01R4/62	(71)Name of Applicant:
(31) Priority Document No	:11165506.4	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:10/05/2011	Address of Applicant :18, avenue d'Alsace, 92400 Courbevoie.
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2012/056963	(72)Name of Inventor:
Filing Date	:17/04/2012	1)DEGEN Christoph
(87) International Publication No	:WO 2012/152542	2)REUL Bernhard
(61) Patent of Addition to Application	:NA	3)RATEICZAK Mitja
Number	:NA	4)SCHLARB Andreas
Filing Date	.11/1	5)LESMEISTER Lothar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pane having at least one electrical connection element, comprising a substrate (1), an electrically conductive structure (2) on a region of the substrate (1), a layer of a solder material (4) on a region of the electrically conductive structure (2) and at least two solder points (15, 15) of the connection element (3) on the solder material (4), the solder points (15, 15) defining at least one contact surface (8) between the connection element (3) and the electrically conductive structure (2) and the shape of the contact surface (8) having at least one segment of an oval, an ellipse or a circle with an angle at center α of at least 90°.

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

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: APPARATUS FOR THE TREATMENT AND/OR PREVENTION OF CORNEAL DISEASES

(51) International classification: A61F9/007, A61N5/06, A61F9/009 (71) Name of Applicant: (31) Priority Document No :61/480,443 1)Hôpitaux Universitaires de Genève (32) Priority Date :29/04/2011 Address of Applicant : Rue Gabrielle Perret Gentil 4 CH-1211 (33) Name of priority country: U.S.A. Genève 14 Switzerland (86) International Application 2)UNIVERSITÉ DE GENÈVE :PCT/CH2012/000090 (72)Name of Inventor: :23/04/2012 Filing Date 1)HAFEZI, Farhad (87) International Publication 2) RICHOZ, Olivier :WO 2012/145853 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

In accordance with an aspect of the invention, an apparatus for the treatment and/or prevention of corneal diseases is provided, the apparatus comprising - an applicator head, the applicator head comprising a radiation source capable of exciting a non-toxic chromophore; and - a control operable to activate the radiation source to radiate; wherein at least one of the following two conditions is met: - the applicator head comprises a sensor capable of measuring a signal dependent on a position of the applicator head relative to the cornea; - the applicator head is configured to be in physical contact with the cornea; and wherein the control is operable to activate the radiation source to radiate depending on a signal measured by the sensor or to activate the radiation source when the applicator head touches the cornea, respectively.

No. of Pages: 34 No. of Claims: 23

(22) Date of filing of Application :25/10/2013

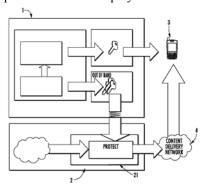
(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR PLAYING DIGITAL CONTENTS PROTECTED WITH A DRM (DIGITAL RIGHT MANAGEMENT) SCHEME AND CORRESPONDING SYSTEM

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:13/099,112	1)INSIDE SECURE
(32) Priority Date	:02/05/2011	Address of Applicant :RUE DE LA CARRIÉRE DE
(33) Name of priority country	:U.S.A.	BACHASSON, CS70025, ARTEPARC BACHASSON, B,T.A,
(86) International Application No	:PCT/US2012/034649	13590 MEYREUIL France
Filing Date	:23/04/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/151068	1)HIERRO, Oscar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DOMENICI, Guido
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The method and system are for playing digital contents protected by a DRM scheme, wherein the digital contents are stored in a server and downloaded or streamed to a user device. The approach includes executing a DRM application inside the user device implementing a proxy between the server and a native player of the user device, and connecting the DRM proxy application to the server, selecting a digital content to be downloaded and retrieving a corresponding remote playlist. Also, the approach includes transforming the remote playlist into a local playlist having a format readable from the native player and executing a plurality of local packets of the local playlist inside the native player.



No. of Pages: 55 No. of Claims: 6

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : AUSTENITIC STAINLESS STEEL TUBE, BOILER, AND METHOD FOR PROCESSING INNER SURFACE OF TUBE

(51) International classification :C21D7/06,B24C1/10,F22B37/04 (71)Name of Applicant: (31) Priority Document No 1)Babcock- Hitachi Kabushiki Kaisha :2011-070602 (32) Priority Date :28/03/2011 Address of Applicant: 14-1, Sotokanda 4-chome, Chiyoda-ku, (33) Name of priority country Tokyo 1010021 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/056725 1)SHIMIZU Masaru :15/03/2012 Filing Date 2)SATAKEDA Tsuyoshi (87) International Publication :WO 2012/132938 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

With the present invention the inner surface (5) of an austenitic stainless steel pipe (1) is subjected to shot processing by means of shot particles (3), and the quality of the water vapor oxidation resistance of the pipe inner surface (5) is determined on the basis of the degree of hardness at a predetermined depth from the post-processing outermost surface of the steel pipe (1) which has been subjected to shot processing. In the aforementioned determination, when the roughness of the pipe inner surface (5) after the pipe inner surface (5) has been subjected to shot processing has an arithmetic mean roughness (Ra) of 2 μ m or less, or when the hardness at the predetermined depth is 300 Hv or greater, it is determined that the pipe inner surface has excellent water vapor oxidation resistance. Thus, an austenitic stainless steel pipe for which the arithmetic mean roughness (Ra) of the pipe inner surface (5) is 2 μ m or less or for which the hardness at the predetermined depth is 300 Hv or greater can be used as a heat transfer pipe for a boiler.

No. of Pages: 41 No. of Claims: 8

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: FUSED IMIDAZOLE DERIVATIVES USEFUL AS IDO INHIBITORS

(51) International :C07D487/04,A61K31/4188,A61P37/02 classification

(31) Priority Document

:61/475,788

(32) Priority Date :15/04/2011 (33) Name of priority

country

:U.S.A.

(86) International

:PCT/US2012/033245

Application No Filing Date

:12/04/2012

(87) International

:WO 2012/142237

Publication No

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

:NA

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

:NA :NA (71)Name of Applicant:

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Address of Applicant :2901 S. Loop Drive, Suite 3900, Ames,

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(72)Name of Inventor:

1)MAUTINO, Mario

2)KUMAR, Sanjeev

3)WALDO, Jesse

4) JAIPURI, Firoz

5)KESHARWANI, Tanay

6)ZHANG, Xiaoxia

(57) Abstract:

Presently provided are IDO inhibitors and pharmaceutical compositions thereof useful for modulating an activity of indoleamine 2.3 dioxygenase; treating indoleamine 2 3 dioxygenase (IDO) mediated inimunosuppression; treating a medical conditions that benefit from the inhibition of enzymatic activity of indoleamine 2 3 dioxygenase; enhancing the effectiveness of an anti cancer treatment comprising administering an anti cancer agent; treating tumor specific immunosuppression associated with cancer; and treating immunosupression associated with an infectious disease.

No. of Pages: 225 No. of Claims: 38

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SEED METERING DEVICE DRIVE SYSTEM

(51) International classification	:F16D11/00	(71)Name of Applicant :
(31) Priority Document No	:61/475,509	1)ACTUANT CORPORATION
(32) Priority Date	:14/04/2011	Address of Applicant :N86 W12500 Westbrook Crossing,
(33) Name of priority country	:U.S.A.	Menomonee Falls, WI 53051 U.S.A.
(86) International Application No	:PCT/US2012/032484	(72)Name of Inventor:
Filing Date	:06/04/2012	1)HAUSE, Kevin, M.
(87) International Publication No	:WO 2013/106026	
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for transmitting power from a drive shaft to a seed meter shaft of a seeder is disclosed. The system comprises a first transmission that connects to one of the drive shaft and the seed meter shaft. The first transmission also connects to a clutch assembly. The clutch assembly connects to a flexible drive shaft assembly, and the flexible drive shaft assembly connects to a second transmission. The second transmission connects to the other of the drive shaft and the seed meter shaft. The clutch assembly is detachable from the first transmission and the flexible drive shaft assembly and the flexible drive shaft assembly is directly connectable to the first transmission.

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

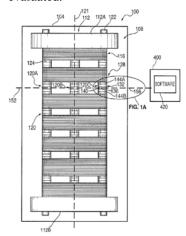
(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CLAMPING FORCE SENSOR ASSEMBLY FOR MONITORING TRANSFORMER DEGRADATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/04/2011 :WO 2012/138317 :NA :NA :NA	(71)Name of Applicant: 1)WEIDMANN ELECTRICAL TECHNOLOGY, INC. Address of Applicant: One Gordon Mills Way, St. Johnsbury, VT 05819 U.S.A. (72)Name of Inventor: 1)WOODCOCK, David, J.
Filing Date	:NA :NA	

(57) Abstract:

A clamping force sensor assembly for a transformer includes at least one sensor disposed within a casing. The design and configuration of the sensor assembly is such that it accurately measures clamping force values placed on the windings, without adversely impacting the operation of the transformer and with the ability to continue operating under electrical and thermal changes within the transformer. The sensor assembly can include loading members that distribute the pressure evenly over the casing that contains the sensor. The output of the sensor can indicate to an operator the extent of pressure changes experienced by the transformer windings. The output can be coupled with a process by which the damage to or the possibility of failure of the transformer is readily evaluated.



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

(22) Date of filing of Application :24/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING VIDEO STRUCTURE OF VIDEO CONFERENCE SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:30/03/2012 :WO 2012/144751 :NA :NA	(71)Name of Applicant: 1)KWON, Ki Hoon Address of Applicant: 748, Hyundong 1ri, Jaesan-myeon Bonghwa-gun, Gyeongsangbuk-do 755-874 Republic of Korea (72)Name of Inventor: 1)KWON, Ki Hoon
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and system for allowing a server system to control a video structure of a client system through a video of an optimized size and to transmit the controlled video structure in a system in which video conference is remotely available, wherein the method comprises the steps of: (a) allowing a control unit of any one client system to request a main control unit of a server system to change the video structure which includes coordinates and video size; (b) allowing the main control unit to make a change so as to coincide with the request of the control unit of the client system, which has requested the change of the video structure being currently outputted to a video conference monitor, and to transmit the change to a control unit of each client system; (c) allowing the control unit to change the video size of a resizing unit, and to initialize an encoding unit; (d) allowing the control unit to transmit a video signal, which is changed in the encoding unit, to the server system via a transmission and reception unit; (e) allowing the main control unit of the server system to initialize a decoding module and to decode a received video signal; and (f) allowing the main control unit to control a video to be outputted on the video conference monitor through a rendering module on the basis of the changed video structure.

No. of Pages: 21 No. of Claims: 5

Address of Applicant : GEWERBESTRASSE 14, CH-4123

(19) INDIA

(22) Date of filing of Application: 17/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: TEMPLATE-FIXED BETA -HAIRPIN PEPTIDOMIMETICS WITH CXCR4 ANTAGONIZING ACTIVITY.

(51) International classification :A61K 38/00
(31) Priority Document No :PCT/EP2003/04640
(32) Priority Date :02/05/2003
(33) Name of priority country :IB
(86) International Application No :PCT/EP2004/04535

Filing Date :29/04/2004
(87) International Publication No :WO/2004/096840

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

(62) Divisional to Application Number Filed on

(72)Name of Inventor:
1)ZUMBRUNN, JÜRG
2)DEMARCO, STEVEN,J.
3)LOCIURO,SERGIO
4)VRIJBLOED, JAN WIM
5)GOMBERT,FRANK
6)MUKHERJEE, RESHMI

(71)Name of Applicant: 1)POLYPHOR AG

ALLSCHWIL. Switzerland

2)UNIVERSITÄT ZÜRICH

6)MUKHERJEE, RESHMI 7)MOEHLE, KERSTIN 8)OBRECHT, DANIEL

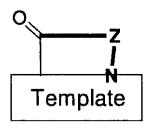
9)ROBINSON,JOHN ANTHONY 10)HENZE, HEIKO 11)ROMAGNOLI,BARBARA 12)LUDIN,CHRISTIAN

(57) Abstract:

The present invention discloses template -fixed β -hairpin peptidomimetics of the general formula (I) wherein Z is a template-fixed chain of 18 α -amino acid residues which, depending on their positions in the chain (counted starting from the N-terminal amino acid), are Gly, NmeGly, Pro or Pip, or of certain types which, as the remaining symbols in the above formula, are defined in the description and the claims, and salts thereof, have CXCR4 antagonizing properties and can be used for preventing HTV infections in healthy individuals or for slowing and halting viral progression in infected patients; or where cancer is mediated or resulting from CXCR4 receptor activity or where immunological diseases are mediated or resulting from CXCR4 receptor activity; or for treating immuno suppression; or during apheresis collections of peripheral blood stem cells . These β -hairpin peptidomimetics can be manufactured by a process which is based on a mixed solid and solution phase synthetic strategy.

:2101/KOLNP/2005

:24/10/2005



No. of Pages: 172 No. of Claims: 31

(22) Date of filing of Application: 17/10/2013 (43) Publication Date: 14/02/2014

:NA

:NA

:2101/KOLNP/2005

:24/10/2005

(54) Title of the invention: TEMPLATE-FIXED BETA-HAIRPIN PEPTIDOMIMETICS WITH CXCR4 ANTAGONIZING ACTIVITY.

(51) International classification :A61K 38/00 (31) Priority Document No :PCT/EP2003/04640 (32) Priority Date :02/05/2003

(33) Name of priority country :IB

(86) International Application No :PCT/EP2004/04535 Filing Date :29/04/2004 :WO/2004/096840

(87) International Publication No

(61) Patent of Addition to Application Number

Filing Date (62) Divisional to Application Number

Filed on

(71)Name of Applicant: 1)POLYPHOR AG

Address of Applicant : GEWERBESTRASSE 14, CH-4123

ALLSCHWIL Switzerland 2)UNIVERSITÄT ZÜRICH (72)Name of Inventor: 1)ZUMBRUNN, JÜRG

2)DEMARCO, STEVEN.J. 3)LOCIURO, SERGIO 4)VRIJBLOED, JAN WIM 5)GOMBERT,FRANK

6)MUKHERJEE, RESHMI 7)MOEHLE, KERSTIN

8)OBRECHT, DANIEL

9)ROBINSON, JOHN ANTHONY

10)HENZE, HEIKO

11)ROMAGNOLI,BARBARA

12)LUDIN,CHRISTIAN

(57) Abstract:

The present invention discloses template -fixed β-hairpin peptidomimetics of the general formula (I) wherein Z is a template-fixed chain of 12α -amino acid residues which, depending on their positions in the chain (counted starting from the N-terminal amino acid), are Gly, NmeGly, Pro or Pip, or of certain types which, as the remaining symbols in the above formula, are defined in the description and the claims, and salts thereof, have CXCR4 antagonizing properties and can be used for preventing HIV infections in healthy individuals or for slowing and halting viral progression in infected patients; or where cancer is mediated or resulting from CXCR4 receptor activity or where immunological diseases are mediated or resulting from CXCR4 receptor activity; or for treating immuno suppression; or during apheresis collections of peripheral blood stem cells. These β-hairpin peptidomimetics can be manufactured by a process which is based on a mixed solid and solution phase synthetic strategy.

No. of Pages: 172 No. of Claims: 31

(19) INDIA

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELEVATOR ARRANGEMENT

(51) International classification	:B66B7/06,B66B11/00	(71)Name of Applicant :
(31) Priority Document No	:20115479	1)KONE CORPORATION
(32) Priority Date	:18/05/2011	Address of Applicant :Kartanontie 1, FI-00330 Helsinki
(33) Name of priority country	:Finland	Finland
(86) International Application No	:PCT/FI2012/050450	(72)Name of Inventor:
Filing Date	:09/05/2012	1)RÄSÄNEN, Matti
(87) International Publication No	:WO 2012/156583	2)ALASENTIE, Pentti
(61) Patent of Addition to Application	:NA	3)HAAPANIEMI, Markku
Number	:NA	4)BJ-RNI, Osmo
Filing Date	.IVA	5)HÄIVÄLÄ, Markku
(62) Divisional to Application Number	:NA	6)METSÄNEN, Aki
Filing Date	:NA	

(21) Application No.3161/KOLNP/2013 A

(57) Abstract:

The object of the invention is an elevator arrangement, which comprises at least an elevator car (1) configured to move up and down in an elevator hoistway and at least one or more compensating weights (2, 2a, 2b), which are for their part connected to support the elevator car (1) by the aid of their own support means (3), such as by the aid of ropes or belts and also e.g. diverting pulleys (4-4c), and a hoisting machine (6) provided with at least one traction sheave (5) or corresponding, and at least one traction means (7, 7a, 7b) such as a rope or belt, which is configured to transmit the rotational movement of the traction sheave (5) into movement of the elevator car (1) and of the compensating weights (2, 2a, 2b). Each compensating weight (2, 2a, 2b) is connected by the aid of a traction means (7, 7a, 7b) to the same hoisting machine (6).

No. of Pages: 46 No. of Claims: 15

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING AND REPRESENTING POSSIBLE TARGET PARAMETERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10 2011 018 305.1 :20/04/2011 :Germany	(71)Name of Applicant: 1)ATLAS ELEKTRONIK GMBH Address of Applicant : Sebaldsbrücker Heerstrasse 235, 28309 Bremen, GERMANY (72)Name of Inventor: 1)STEIMEL, Ulrich
Filing Date (62) Divisional to Application Number Filing Date	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for determining and representing possible target parameters, in particular of a target distance R, a target course C and/or a target speed V of a target. For this purpose, a plurality of different target tracks Z(i,j) having associated quality information are determined from the possible solutions during each processing cycle of an optimization method that is applied. Future target positions (25), which together with the quality information form a future expectation area (42), are determined for said target tracks Z(i,j). In addition, a distance solution space (34) and a vector indicating the best solution Zbest is determined from the possible solutions. The future expectation area (42), the distance solution space (34) and/or the best solution Zbest can then be represented in a single solution space in the form of a position representation on a display device (27).

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :25/10/2013

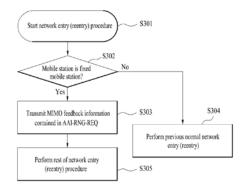
(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD OF TRANSMITTING AND RECEIVING MIMO FEEDBACK INFORMATION IN WIRELESS COMMUNICATION SYSTEM, MOBILE STATION AND BASE STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/04 :61/477,595 :20/04/2011 :U.S.A. :PCT/KR2012/001973 :20/03/2012 :WO 2012/144736 :NA :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)KIM, Jeongki 2)LEE, Wookbong 3)RYU, Kiseon 4)YUK, Youngsoo
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(57) Abstract:

A method of transmitting an MIMO (multiple input multiple output) feedback information, which is transmitted by a mobile station in a wireless communication system, is disclosed. The present invention includes sending a ranging request message to a base station and receiving a ranging response message from the base station in response to the ranging request message, wherein the mobile station comprises a fixed M2M (machine to machine) device and wherein the ranging request message contains the MIMO feedback information.



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

(19) INDIA

(22) Date of filing of Application :25/10/2013

(21) Application No.3157/KOLNP/2013 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: SEAT TRACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2011-0037030 :21/04/2011 :Republic of Korea	(71)Name of Applicant: 1)AUSTEM CO.,LTD. Address of Applicant: 462-1, Jangsan-ri Susin-myeon, Cheonan-si Chungcheongnam-do 330-882 Republic of Korea (72)Name of Inventor: 1)OH, Bum Suk 2)PARK, Young Jin 3)KIM, Hoon
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(57) Abstract:

The present invention relates to a seat track for a vehicle, wherein the seat track comprises: a fixing rail which has a channel structure, and has vertically formed left and right inner sides on which groove portions are formed; a transfer rail which has left and right vertical surfaces that slide along said fixing rail while facing the left and right inner sides of said fixing rail, wherein a plurality of through holes are formed on said left and right vertical surfaces; and a locking member which includes a support body accommodated and provided between the left and right vertical surfaces of said transfer rail and faces said plurality of through holes, a plurality of rotating pins supported on said support body and rotate between a locking position inserted into the groove portions of said fixing rail and an unlocking position separated from said groove portions through said plurality of through holes, a guide spring supported on said support body and presses said plurality of rotating pins rotate to said unlocking position, and an unlocking body slid along said support body when pressed by an external force and presses said plurality of rotating pins such that the plurality of rotating pins rotate to said locking position from said unlocking position. Thus, the present invention can be miniaturized and performance can be improved when compared with the prior art.

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING SOUND SIGNALS IMPLEMENTING A SPECTRAL MOTION TRANSFORM

(51) International classification	:G10L11/00	(71)Name of Applicant :
(31) Priority Document No	:61/467,493	1)THE INTELLISIS CORPORATION
(32) Priority Date	:25/03/2011	Address of Applicant :10350 Science Center Drive, Suite 140,
(33) Name of priority country	:U.S.A.	San Diego, CA 92121 U.S.A.
(86) International Application No	:PCT/US2012/030277	(72)Name of Inventor:
Filing Date	:23/03/2012	1)BRADLEY, David, C.
(87) International Publication No	:WO 2012/134993	2)GOLDIN, Daniel, S.
(61) Patent of Addition to Application	:NA	3)HILTON, Robert, N.
Number	:NA	4)FISHER, Nicholas, K.
Filing Date	.INA	5)GATEAU, Rodney
(62) Divisional to Application Number	:NA	6)ROOS, Derrick, R.
Filing Date	:NA	7)WIEWIORA, Eric

(57) Abstract:

A system and method are provided for processing sound signals. The processing may include identifying individual harmonic sounds represented in sound signals, determining sound parameters of harmonic sounds, classifying harmonic sounds according to source, and/or other processing. The processing may include transforming the sound signals (or portions thereof) into a space which expresses a transform coefficient as a function of frequency and chirp rate. This may facilitate leveraging of the fact that the individual harmonics of a single harmonic sound may have a common pitch velocity (which is related to the chirp rate) across all of its harmonics in order to distinguish an the harmonic sound from other sounds (harmonic and/or non-harmonic) and/or noise.

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

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ORGANIC FERTILIZER PRODUCTION SYSTEM

(51) International classification :C05F3/00,A01K1/01,B09B3/00 (71)Name of Applicant : (31) Priority Document No :2011-100358 1)E's Inc Address of Applicant: Dai 6 Toyo-kajii Bldg., 6F 7-2. (32) Priority Date :28/04/2011 (33) Name of priority country Shinbashi 4- chome, Minato-ku, Tokyo 1050004 Japan :Japan (72)Name of Inventor: (86) International Application No: PCT/JP2012/059312 1)KITAZUMI Kazushige Filing Date :05/04/2012 (87) International Publication No: WO 2012/147483 2)NAKANO Yasuharu (61) Patent of Addition to 3)POLUTOVA Yaroslava :NA **Application Number** 4)NAGAE Koji :NA Filing Date 5)SEKIYA Ryoichi (62) Divisional to Application 6)YAMAWAKI Hisaki :NA Number :NA

(57) Abstract:

Filing Date

[Problem] To provide an efficient system for manufacturing an organic fertilizer base material that reduces the manual labor involved in treating livestock manure using Musca domestica larvae. [Solution] Provided is an organic fertilizer production system for producing organic fertilizer from the excreta of livestock by using the larvae of Musca domestica. The organic fertilizer production system is configured as follows: provided is a first cultivation processing housing unit for cultivating larvae hatched from eggs; disposed is a second cultivation processing housing unit; provided is a drop part that allows the larvae to fall by utilizing the fact that the larvae crawl; an organic fertilizer base is manufactured by letting the larvae fall from the drop part into the next stage of the second cultivation processing housing unit and repeating this process several times, and in each of the cultivation processing housing units, the excreta is enzymatically hydrolyzed within the larvae during the process of rearing the larvae and is subsequently excreted by the larvae; provided are an organic fertilizer base gathering unit that gathers the produced organic fertilizer base material and discharges the same, and a larvae gathering unit that gathers the larvae group that crawled and fell from the final section of the cultivation processing housing unit; and the organic fertilizer base and the larvae group are discharged.

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

(22) Date of filing of Application :25/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR PACKING STRIP-TYPE OBJECTS, ESPECIALLY STRIPS OF **CHEWING GUM**

(51) International :B65B11/46,B65B35/24,B65B35/26

classification (31) Priority Document No :10 2011 075 439.3

(32) Priority Date :06/05/2011 (33) Name of priority country: Germany

(86) International Application :PCT/EP2012/057145

No :19/04/2012 Filing Date

(87) International Publication :WO 2012/152557

(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)LOESCH VERPACKUNGSTECHNIK GMBH

Address of Applicant : Industriestr. 1, 96146 Altendorf

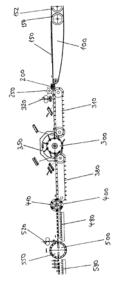
Germany

(72)Name of Inventor:

1) HAMMACHER, Heinz-Peter 2)DRESSLER, Bernhard

(57) Abstract:

The invention relates to a method and a device for producing and packing individual strip-type objects, especially strips of chewing gum, comprising the following method steps and features: provision of rectangular sheets from which the strips are to be formed, the length of the shorter sides of the sheets corresponding to the length of a strip to be formed; formation of individual strips from the sheets provided; packing of the formed individual strips using a first packaging material; formation of a group of the individual packed strips; and packing of the formed group of strips using a second packaging material. The step of providing the sheets comprises the following additional method steps and features: creation of grooves in the sheets, said grooves extending parallel to the shorter sides of the sheets; and controlled supply of the individual sheets successively in the longitudinal direction thereof to the following step of forming the individual strips, in such a way that each sheet adjoins the respective previous sheet in a precise position, without gaps and without back pressure. The step of forming the individual strips comprises the following additional method steps and features: respective separation of an individual strip from the sheet on the front end thereof in the direction of transport by tearing along the respectively frontmost produced groove such that the supplied sheet and the separated strip are in the same plane; and acceleration of the separated strip in the direction of transport in order to create a gap between the individual successive strips.



No. of Pages: 56 No. of Claims: 23

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROTARY TRANSMITTER FOR MACHINE TOOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/06/2012 :WO 2013/023823 :NA :NA :NA	(71)Name of Applicant: 1)KOMET GROUP GMBH Address of Applicant: Zeppelinstrasse 3, 74354 Besigheim Germany (72)Name of Inventor: 1)GRAF, Heiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rotary transmitter (2) for machine tools, having an inductive energy transmission section (31), which is arranged between a stator part (4) fixed to the machine and a rotor part (6) fixed to the tool, and a contactless bidirectional data transmission section (35). A special feature of the invention consists in that, in order to make maximum use of the capacity of the energy transmission section (31), precautions are taken with which the optimal operating frequency (fopt) of the energy transmission operating according to the transformer principle is determined at every system start in a test run with a connected test resistor (51) and a variable frequency (fp). Furthermore, for the purpose of interference-free data transmission, buffer storage of the data to be transmitted via the data transmission section (35) is proposed, which data are synchronised in predefined time windows with interference-free periods of the energy transmission.

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

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: GENERATING CHANNEL LETTERS USING PROFILES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B21D28/00 :61/479,773 :27/04/2011 :U.S.A. :PCT/US2012/035605 :27/04/2012 :WO 2012/149432 :NA :NA	(71)Name of Applicant: 1)SEOUL LASER DIEBOARD CO., LTD. Address of Applicant: 10035 Carroll Canyon Boulevard Suite E San Diego, California 92131 U.S.A. 2)SEOUL LASER DIEBOARD CO. LTD. (72)Name of Inventor: 1)LIM, Kyong-Chan 2)ADAMS, Mike
Number	*	2)ADAMS, Mike
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Forming a channel letter box using a profile, including: determining an incision position on one surface of the profile where at least one surface incision is to be made; surface incising at the determined position; folding the profile at the incision position to form the channel letter box, wherein the profile comprises at least one protruding rib on one surface of the profile; and cutting and attaching a top plate to the channel letter box, wherein a thickness of the top plate is substantially close to a distance from the top of the profile to the top of a top rib of the at least one rib.

No. of Pages: 61 No. of Claims: 15

(22) Date of filing of Application :24/10/2013

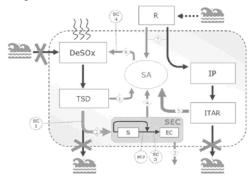
(43) Publication Date: 14/02/2014

(54) Title of the invention : A METHOD FOR MONITORING AND CONTROLLING THE CHEMISTRY OF A ZLD PROCESS IN POWER PLANTS

(51) International classification: C02F1/00,C02F5/00,C02F103/18 (71) Name of Applicant: (31) Priority Document No 1)ENEL PRODUZIONE S.P.A. :FI2011A000063 (32) Priority Date :08/04/2011 Address of Applicant: Viale Regina Margherita, 125, I-00198 (33) Name of priority country Roma ITALY :Italy (86) International Application (72)Name of Inventor: :PCT/IB2012/051724 1) CENCI, Vincenzo :06/04/2012 2)MOSTI, Claudio Filing Date (87) International Publication :WO 2012/137183 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method for monitoring and controlling the chemistry of a Zero Liquid Discharge (ZLD) process in power plants, wherein the principal phenomena of precipitation of calcium sulphate and calcium carbonate which can occur in such system and the principal critical sections affected by such precipitation phenomena are identified. The interventions aimed at keeping or restoring the sustainable chemical conditions with respect to the precipitation of calcium sulphate and calcium carbonate in all the critical sections of said ZLD system are then indicated, ensuring saturation ratios of calcium sulphate and calcium carbonate lower than or equal to 1 through time.



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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR ENHANCING CUSTOMER SERVICE EXPERIENCE

(32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date 127/04/2011 SUS.A. 125/04/2012 SUS.A. 125/	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:U.S.A. :PCT/US2012/035045 :25/04/2012 :WO 2012/149052 :NA :NA	Campbell, CA 95008 U.S.A. (72)Name of Inventor: 1)KUMAR, Gangadharan
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(57) Abstract:

A technique is taught that improves how an organization engages with customers. In an embodiment, keywords are discovered to optimize for, and to integrate with, advertising systems to advertise a company website. A set of advertisements is created that improve the click through rate from users. A optimized landing page experience is created to provide a best user experience to drive issue resolution and sales.

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

6)DE BEER, Antonius Lambertus Johannes

7) ISELE, Olaf Erik Alexander

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: NONWOVEN WEBS WITH ENHANCED LOFT AND PROCESS FOR FORMING SUCH WEBS

(51) International classification: D04H1/56,D04H3/14,D04H3/147 (71) Name of Applicant: (31) Priority Document No :PV2011-163 1)PEGAS NONWOVENS S.R.O. Address of Applicant : Primeticka 86, 66904 Znojmo CZECH (32) Priority Date :25/03/2011 (33) Name of priority country :Czech Republic REPUBLIC (86) International Application (72)Name of Inventor: :PCT/EP2012/001274 1)KLASKA, Frantisek :23/03/2012 Filing Date 2)KUMMER, Jiri (87) International Publication 3)MECL, Zdenek :WO 2012/130414 4)KASPARKOVA, Pavlina 5)XU, Han

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

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

(57) Abstract:

The present invention relates to a process of forming a soft bulky nonwoven web from a batt using thermobonding and to a soft bulky nonwoven web with a bond impression pattern and shape. The process comprises several steps including feeding a batt to a nip between first and second surface of first and second roller, where at least the first of the surfaces comprises spaced apart bonding protrusions surrounded by recessed areas. The bonding protrusions and the bond impression shape in the web exhibit a ratio of the greatest measurable width to the greatest measurable length of at least 1:2.5 and the perimeters thereof comprise a convex portion. The bonding protrusions are symmetric and/or have a certain angle to the machine direction.

No. of Pages: 69 No. of Claims: 43

(21) Application No.3133/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CUTTING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B26D5/02 :13/066,790 :25/04/2011 :U.S.A. :PCT/US2012/027080 :29/02/2012 :WO 2012/148567	(71)Name of Applicant: 1)KEY TECHNOLOGY, INC. Address of Applicant: 150 Avery St., Walla Walla, WA 99362 U.S.A. (72)Name of Inventor: 1)JONES, Robert, E. 2)THOMPSON, Robert, B.
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(87) International Publication No	:WO 2012/148567	2)THOMPSON, Robert, B.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cutting apparatus is disclosed and which includes a cutter knife which is reciprocally moveable along a path of travel, a track member mounted adjacent to the cutter knife, and which mechanically cooperates with the cutter knife so as to define, at least in part, a first non- cutting position, and the second, cutting position for the cutter knife, and a magnet mounted on the track member and which releasably magnetically restrains the cutter knife when the cutter knife is in either of the first non- cutting position, or the second, cutting position.

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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : THREAD DEVICE, THREAD JOINT AND DRILL STRING COMPONENT FOR PERCUSSIVE ROCK DRILLING

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
(E21B17/042,F16B33.
(1100398-5
(20/05/2011
(Sweden)
(PCT/SE2012/050523

Filing Date :15/05/2012 (87) International Publication No :WO 2012/161641

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

Filing Date

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

:E21B17/042,F16B33/02 (71)Name of Applicant :

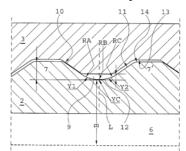
1)ATLAS COPCO SECOROC AB

Address of Applicant :S-737 25 Fagersta SWEDEN

(72)Name of Inventor : 1)BERONIUS, Alexander 2)NORDFELDT, Leif

(57) Abstract:

A device in an drill string component for percussive rock drilling including a thread for threading together with another drill string component being provided with a complementary thread, wherein the thread includes a thread groove (9) formed by two thread flanks (10, 11) whereof one in operation forms a pressure flank, and an intermediate thread bottom (12), and wherein the thread groove (9) has an essentially equally shaped sectional form along its axial extension. The thread bottom (12) exhibits at least three surface portions (Y1, Y2, YC) with part-circular shape, as seen in an axial section, and said surface portions (Y1, Y2, Y3) with part-circular shape have increasing radiuses, as seen from each thread flank to an intermediate surface portion of the thread bottom. The invention also relates to a thread joint and a drill string component.



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

(21) Application No.3170/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: OUTDOOR UNIT OF REFRIGERATING APPARATUS

(71)Name of Applicant: (51) International classification :F24F1/24,F24F1/50 1)DAIKIN INDUSTRIES, LTD (31) Priority Document No :2011-114215 Address of Applicant: Umeda Center Building, 4-12. (32) Priority Date :20/05/2011 Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, (33) Name of priority country :Japan **JAPAN** (86) International Application No :PCT/JP2012/003241 (72)Name of Inventor: Filing Date :17/05/2012 1)Tadashi SAO (87) International Publication No :WO 2012/160788 2)Mikio KAGAWA (61) Patent of Addition to Application :NA 3)Shigeki KAMITANI Number :NA 4)Fumiaki KOIKE Filing Date 5)Yusuke NAKAGAWA (62) Divisional to Application Number :NA 6)Tomohisa TAKEUCHI Filing Date :NA 7)Katsutoshi SAKURAI

(57) Abstract:

In an outdoor unit (10), an electric component unit (60) is provided with: an inflow port (61) that is in communication with the blowing side of an outdoor fan (40) and allows air from the blowing side to flow into the electric component unit (60); and an outflow port (62) that is in communication with the suction side of the outdoor fan (40) and allows air to flow out of the electric component unit (60).

No. of Pages: 57 No. of Claims: 9

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: OUTDOOR UNIT OF REFRIGERATING APPARATUS

(71)Name of Applicant: :F24F1/22,F24F1/24,F24F1/50 (51) International classification 1) DAIKIN INDUSTRIES, LTD, (31) Priority Document No :2011-114216 Address of Applicant: Umeda Center Building, 4-12. (32) Priority Date :20/05/2011 Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, (33) Name of priority country :Japan **JAPAN** (86) International Application No :PCT/JP2012/003242 (72)Name of Inventor: Filing Date :17/05/2012 1)Tadashi SAO (87) International Publication No :WO 2012/160789 2)Mikio KAGAWA (61) Patent of Addition to 3)Shigeki KAMITANI **Application Number** :NA 4)Fumiaki KOIKE Filing Date 5)Yusuke NAKAGAWA (62) Divisional to Application 6)Katsutoshi SAKURAI :NA Number 7)Tomohisa TAKEUCHI :NA Filing Date 8)Kazuto YAMAGATA

(57) Abstract:

An outdoor unit (10) is provided with a casing (20) that has an inlet (25) on a side surface thereof, an outdoor fan (40) that is disposed higher than the inlet (25) inside the casing (20) and blows air upward, and an outdoor heat exchanger (30) that is disposed facing the inlet (25). The outdoor fan (40) is provided with a fan (41), and a bellmouth (43) provided so as to surround the outer periphery of the fan (41). An electric component unit (60) positioned on the periphery of the bellmouth (43) is disposed inside the casing (20).

No. of Pages: 57 No. of Claims: 9

(21) Application No.3172/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : REMOVABLE MEDICAL DEVICE IMPLANTABLE IN BLOOD VESSELS, PARTICULARLY IN THE THORACIC AORTA WITH ANEURYSM

(51) International classification	:A61F2/06	(71)Name of Applicant:
(31) Priority Document No	:MI2011A000796	1)Paolo ZANATTA
(32) Priority Date	:10/05/2011	Address of Applicant :Via degli Alpini, 16/D-I-31021
(33) Name of priority country	:Italy	Mogliano Veneto, ITALY
(86) International Application No	:PCT/IB2012/052302	,
Filing Date	:09/05/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/153275	1)Paolo ZANATTA
(61) Patent of Addition to Application Number	:NA	2)Fabrizio FARNETI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A removable implantable medical device (1) for the endovascular treatment of aneurysm, particularly of aneurysm of the thoracic aorta, comprising a supporting structure (2) tubular in shape and covered externally by a covering (3). The supporting structure (2) and the covering (3) define a duct (4) for blood circulation. The device is provided with extraction means (5) for extracting the duct (4) from the body of the subject in whom it is inserted. The extraction means (5) are associated with the duct (4) and communicate with the outside of the body.

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

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: THIXOTROPIC AGENT AND METHOD FOR PRODUCING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C09K3/00,A61K8/25 :2012-051021 :07/03/2012 :Japan :PCT/JP2013/054977 :26/02/2013 :WO 2013/133091 :NA :NA	(71)Name of Applicant: 1)YAMAGUCHI MICA CO., LTD. Address of Applicant: 10-2, Misono 2-chome, Toyokawa-shi, Aichi 441-0106, JAPAN (72)Name of Inventor: 1)YOSHIMITSU Eiji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a thixotropic agent having excellent thixotropic properties. [Solution] A thixotropic agent contains a clay mineral compound formed from a phyllosilicate mineral having between layers at least one of an alkali metal ion and alkaline earth metal ion as the interlayer metal ion. A metal complex compound obtaining by bonding an aminopolycarboxylate or a derivative of the aminopolycarboxylate to the interlayer metal ion is as the active species introduced between the layers of the phyllosilicate mineral to produce the clay mineral compound.

No. of Pages: 45 No. of Claims: 11

(22) Date of filing of Application :28/10/2013

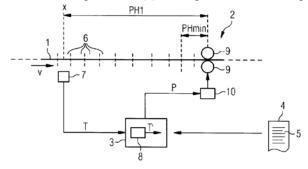
(43) Publication Date: 14/02/2014

(54) Title of the invention: CONTROL METHOD FOR A ROLLING TRAIN

(51) International classification	:B21B37/58	(71)Name of Applicant:
(31) Priority Document No	:11167286.1	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:24/05/2011	Address of Applicant: Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:EPO	GERMANY
(86) International Application No	:PCT/EP2012/058197	(72)Name of Inventor:
Filing Date	:04/05/2012	1)DAGNER, Johannes
(87) International Publication No	:WO 2012/159866	2)GRÜSS, Ansgar
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A temperature (T) is respectively determined upstream of a roll stand (2) of the rolling train for sections (6) of a strip (1), and a forecast is made using a forecast horizon (PH1) for the time of the rolling. The forecast horizon (PH1) corresponds to a plurality of strip sections (6). Operating-side and drive- side material modules (M) can be forecast by means of the forecast temperatures (T). A regulating device (10) is used to influence a roll gap of the roll stand (2) on the operating side and on the drive side. The regulating device (10) is controlled during the rolling of the respective strip section (6), taking into account the material modules (M). The material modules (M) are used by the control device (10) at the time of the rolling of the respective strip section (6) in the roll stand (2), for the parameterisation of a roll gap control system (20) on the operating side and on the drive side. For the forecast horizon (PH1), a regulating variable course (S (t)) is calculated for the regulating device (10), that influences a profile of a roll gap formed by working rolls (9) of the roll stand (2). Using the forecast temperatures (T) and the calculated regulating variable course (S (t)), a roll gap profile (W) is forecast for the forecast horizon (PH1), said profile forming the working rolls (9) of the roll stand (2) at the time of the rolling of the strip sections (6). The calculated regulating variable course (S (t)) is optimised on the basis of the forecast roll gap profile (W) and a respective nominal profile (W (t)). The current value of the optimised regulating variable course (S (t)) corresponds to the control parameter (P) and is prescribed to the regulating device (10) as a regulating variable (S).



No. of Pages: 49 No. of Claims: 13

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TOBACCO-DERIVED COMPONENTS AND MATERIALS

(51) International classification :A24B15/24,A24B15/30,A24B13/00

(31) Priority Document No :13/095,277 (32) Priority Date :27/04/2011

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

(86) International PCT/US2012/034961
Application No

Filing Date :25/04/2012

(87) International Publication :WO 2012/148996

(61) Patent of Addition to :NA

Application Number
Filing Date

(2) Print Park 1

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)R. J. REYNOLDS TOBACCO COMPANY

Address of Applicant :401 North Main Street, Winston-Salem,

North Carolina 27101-3804, U.S.A.

(72)Name of Inventor:

1)BYRD, Crystal Dawn Hege 2)GERARDI, Anthony Richard 3)DUBE, Michael Francis

(57) Abstract:

The invention provides a method of extracting and isolating certain compounds from tobacco. The resulting isolate can include more than 90% by weight of a given compound and can be used as a flavor component for tobacco material used in smoking articles and smokeless tobacco compositions. Exemplary compounds that may be present in the isolate according to the invention include, but are not limited to, solanone, neophytadiene, megastigmatrienone, β -damascenone, norsolanadione, cis-abienol, α -cembratrienediol, β -cembratrienediol, sucrose esters, lutein, degradation products thereof, and mixtures thereof.

No. of Pages: 33 No. of Claims: 29

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

:NA

:NA

(54) Title of the invention: MODULAR CARPET SYSTEMS

(51) International classification :D06N7/00,A47G27/04 (71)Name of Applicant : (31) Priority Document No 1)TANDUS FLOORING, INC. :61/482,336 (32) Priority Date Address of Applicant: 311 Smith Industrial Boulevard, P.O. :04/05/2011 (33) Name of priority country Box 1447, Dalton, GA 30722-1447, U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/036326 1)MOORE, Gabe Filing Date :03/05/2012 (87) International Publication No :WO 2012/151404 2) EVANS, Paul, D. (61) Patent of Addition to Application :NA :NA Filing Date

(21) Application No.3165/KOLNP/2013 A

(57) Abstract:

Filing Date

A modular carpet system includes a carpet tile and an adhesive. The carpet tile is operative for resisting deformation, even under adverse conditions. In some embodiments, the adhesive may comprise a silicone-based adhesive or a urethane-based adhesive.

No. of Pages: 35 No. of Claims: 30

(62) Divisional to Application Number

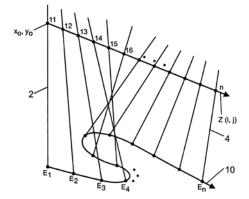
(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND DEVICE FOR DETERMINING TARGET PARAMETERS

(51) International classification :G01S3/808,G01S11/14 (71)Name of Applicant : (31) Priority Document No :10 2011 018 278.0 1)ATLAS ELEKTRONIK GMBH (32) Priority Date Address of Applicant : Sebaldsbrücker Heerstrasse 235, 28309 :20/04/2011 (33) Name of priority country Bremen, GERMANY :Germany (86) International Application No :PCT/EP2012/056992 (72)Name of Inventor: 1)STEIMEL, Ulrich Filing Date :17/04/2012 (87) International Publication No :WO 2012/143349 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for determining target parameters by the direction-selective reception of sound waves which are emitted or transmitted by a target, with an array of waterborne-sound sensors (20) of a sonar receiving system. Bearing angle differences are determined from estimated bearing angles Best, which are determined from estimated positions of an assumed target track Z(i, j) of the target, and from bearing angles B measured by the array (20). At least one support value is determined from a set of possible support values, said support value being used to determine a respective evaluation quantity Q(i, j) for one or more target tracks Z(i, j), wherein the evaluation quantity Q(i, j) is determined from the bearing angle differences associated with the respective target track and at least one support value. A best target track Zbest having associated target parameters is determined on the basis of said evaluation quantities Q(i, j), wherein said associated target parameters are output as the target parameters to be determined. The invention further relates to a device for carrying out the method according to the invention.



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

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PANE WITH AN AN ELECTRICAL CONNECTION ELEMENT

(51) International classification	:H05B3/84,H01R4/62	(71)Name of Applicant:
(31) Priority Document No	:11165504.9	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:10/05/2011	Address of Applicant :18 avenue d'Alsace, F-92400
(33) Name of priority country	:EPO	Courbevoie, FRANCE
(86) International Application No	:PCT/EP2012/056965	(72)Name of Inventor:
Filing Date	:17/04/2012	1)Christoph DEGEN
(87) International Publication No	:WO 2012/152544	2)Bernhard REUL
(61) Patent of Addition to Application	:NA	3)Mitja RATEICZAK
Number	:NA	4)Andreas SCHLARB
Filing Date		5)Lothar LESMEISTER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pane provided with at least one electrical connection element, comprising: a substrate (1); an electroconductive structure (2) on a region of the substrate; a layer of a soldering material (4) on a region of the electroconductive structure (2); and a connection element (3) on the soldering mass (4). According to the invention, the connection element (3) contains a first and a second base region (7, 7), a first and a second transition region (9, 11), and a bridge region (10) between the first and second transition regions (9, 11); a first and a second contact surface (8, 8) are arranged on the lower side of the first and second base region (7, 7); the first and second contact surfaces (8, 8) and the surfaces (9, 11) of the first and second transition regions (9, 11), facing the substrate (1), are connected to the electroconductive structure (2) by means of the soldering mass (4); and the angle between the surface of the substrate (1) and each of the tangential planes (12) of the surfaces (9, 11) of the transition regions, facing the substrate (1), amounts to $< 90^{\circ}$.

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

(21) Application No.3182/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ADAPTIVE TORQUE PLATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:29/03/2012 :WO 2012/135496	(71)Name of Applicant: 1)BENDIX SPICER FOUNDATION BRAKE LLC Address of Applicant: 901 Cleveland Street, Elyria, OH 44035 U.S.A. (72)Name of Inventor: 1)LANTZ, Richard, L. 2)PLANTAN, Ronald, S. 3)SCHECKELHOFF, Kenneth, E.
(87) International Publication No		2)PLANTAN, Ronald, S.

(57) Abstract:

An arrangement for securing a carrier for a brake to an axle housing of a vehicle includes a torque plate having an attachment portion securable to the carrier and an annual mounting section securable to a backing plate on the axle housing. The annular mounting section is provided with pluralities of alignment holes and mounting slots, permitting adjustment of a torque plate clocking angle. By way of a torque plate configured in accordance with this invention, clocking angle adjustments can be made in increments of under three degrees.

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

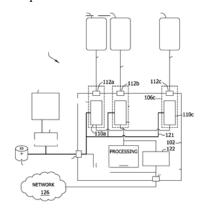
(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SOLAR POWER SYSTEMS INCLUDING CONTROL HUBS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G05F1/67 :61/483,596 :06/05/2011 :U.S.A. :PCT/US2012/036547 :04/05/2012	(71)Name of Applicant: 1)SUNEDISON LLC Address of Applicant:12500 Baltimore Avenue, Beltsville, Maryland 20705 U.S.A. (72)Name of Inventor: 1)GARG, Gopal K.
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2012/154569 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Control hubs and solar power systems are disclosed. One example photovoltaic (PV) system includes a plurality of PV modules and a control hub coupled to the plurality of PV modules. The control hub includes a plurality of interface modules and a processing device coupled to the interface modules. Each of the interface modules includes a power converter coupled to a different one of the plurality of PV modules. The processing device is configured to control each of the power converters to control the PV module associated with the power converter.



No. of Pages: 16 No. of Claims: 31

(21) Application No.3184/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: ANTIBODIES AGAINST KIDNEY ASSOCIATED ANTIGEN 1 AND ANTIGEN BINDING FRAGMENTS THEREOF

(51) International :C07K16/30,A61K39/395,A61K49/00 classification

(31) Priority Document No :61/470,063

(32) Priority Date :31/03/2011

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

country

(86) International :PCT/CA2012/000296 Application No

:28/03/2012 Filing Date

(87) International :WO 2012/129668 Publication No

(61) Patent of Addition to

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

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

(71)Name of Applicant:

1)ALETHIA BIOTHERAPEUTICS INC.

Address of Applicant: 141 Avenue Président-Kennedy, Suite

SB-5100, Montréal, Québec H2X 1Y4 CANADA

2)NATIONAL RESEARCH COUNCIL OF CANADA

(72)Name of Inventor:

1)TREMBLAY, Gilles, Bernard

2)MORAITIS, Anna, N.

3)SULEA, Traian 4)FILION, Mario

(57) Abstract:

Novel antibodies and antigen binding fragments that specifically bind to KAAG1 and which may be used in the treatment, detection and diagnosis of cancer comprising KAAG1 -expressing cells are disclosed herein. Cells expressing the antibodies and antigen binding fragments as well as methods of detecting and treating cancer using the antibodies and fragments are also disclosed. Cancer indications which may benefit from such treatment or detection include ovarian cancer, renal cancer, lung cancer, colorectal cancer, breast cancer, brain cancer, and prostate cancer, as well as melanomas.

No. of Pages: 126 No. of Claims: 57

(21) Application No.3185/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PISTON RING HAVING A COMPOSITE COATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16J9/26 :10 2011 076 453.4 :25/05/2011 :Germany :PCT/EP2012/059708 :24/05/2012 :WO 2012/160138 :NA :NA :NA	(71)Name of Applicant: 1)FEDERAL-MOGUL BURSCHEID GMBH Address of Applicant: Bürgermeister-Schmidt-Straβe 17, 51399 Burscheid, GERMANY (72)Name of Inventor: 1)BÄRENREUTER, Dirk 2)BRADL Christoph
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(57) Abstract:

The invention relates to a piston ring comprising a piston ring base element (4) made of a material with a first thermal expansion coefficient and comprising a wear protection layer (8) which is arranged on a radially outer surface of the piston ring (2) and which consists of a material with a second thermal expansion coefficient that is lower than the first thermal expansion coefficient. The piston ring further comprises an intermediate layer (6) that is arranged between the piston ring base element (4) and the wear protection layer (8), said intermediate layer consisting of a material with a third thermal expansion coefficient that is higher than the first thermal expansion coefficient.

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

(19) INDIA

(22) Date of filing of Application :29/10/2013

(21) Application No.3187/KOLNP/2013 A

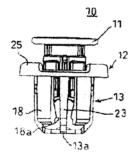
(43) Publication Date: 14/02/2014

(54) Title of the invention: CLIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16B19/10 :2011-085215 :07/04/2011 :Japan :PCT/JP2012/059241 :04/04/2012 :WO 2012/137839 :NA :NA :NA	(71)Name of Applicant: 1)NIFCO INC., Address of Applicant: 184-1, Maioka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8522, JAPAN (72)Name of Inventor: 1)Kuniyasu FUKAZAWA
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(57) Abstract:

A clip comprises a pin and a grommet which includes a leg portion configured to expand outward and engage with an attached member upon insertion of the pin into the grommet. The pin includes a flange portion and a pin main body extending from a lower surface of the flange portion. The pin main body includes an engaging protrusion formed near the bottom end of the pin main body. The grommet includes a brim portion and a leg portion extending from a lower surface of the brim portion. The leg portion is provided with an opening leg piece and a rib with a nail portion near the brim portion. The engaging protrusion formed on the pin side and the nail portion formed on the grommet side are provisionally engaged with each other when the pin is inserted into the grommet so that the pin can be prevented from entering the grommet and being locked therein at the time of packaging.



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

(21) Application No.3176/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: RAIL WHEEL AND METHOD FOR PRODUCING A RAIL WHEEL

(51) International :B60B17/00,C25D11/36,F16D65/12

classification .B00B1//00,C23D11/30,F10D03/12

(31) Priority Document No :10 2011 100 974.8 (32) Priority Date :09/05/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/058324

No :07/05/2012

Filing Date .07/03/2012

(87) International Publication :WO 2012/152732

(61) Patent of Addition to

Application Number :NA

Application Number
Filing Date

(2) Printing Date

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)KNORR-BREMSE SYSTEME FÜR SCHIENEN-

FAHRZEUGE GMBH.

Address of Applicant: Moosacher Str. 80, 80809 München,

GERMANY

(72)Name of Inventor:

1)NIESSNER, Matthias

2)SIEGL, Christoph

(57) Abstract:

A rail wheel with a wheel body (1) and friction discs (2) connected thereto on both sides by fastening elements, wherein a multi-layer coating (7) is arranged at least between the respective contact surfaces (B) of the friction discs (2) and the contact surfaces (A) of the wheel body (1), with a coating (7) which can be subjected to mechanically and thermally high loading, and a method for producing a rail wheel.

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

(21) Application No.3177/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TEMPERATURE TOLERANT CHOCOLATE

(51) International classification	:A23G1/00.A23G1/32	(71)Name of Applicant :
(31) Priority Document No	:1106989.5	1)CADBURY UK LIMITED
(32) Priority Date	:27/04/2011	Address of Applicant :PO Box 12, Bournville Lane,
(33) Name of priority country	:U.K.	Bournville, Birmingham, B30 2LU U.K.
(86) International Application No	:PCT/GB2012/050908	(72)Name of Inventor:
Filing Date	:25/04/2012	1)DE LA HARPE, Shane Michael
(87) International Publication No	:WO 2012/146921	2)DICKERSON, Stuart Thomas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to temperature tolerant chocolate, particularly temperature tolerant chocolate comprising a re-refined conched chocolate. The invention further relates to processes for the manufacture of said temperature tolerant chocolate.

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

(21) Application No.3178/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TEMPERATURE TOLERANT CHOCOLATE

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:1106991.1	1)CADBURY UK LIMITED
(32) Priority Date	:27/04/2011	Address of Applicant :PO Box 12, Bournville Lane,
(33) Name of priority country	:U.K.	Bournville, Birmingham, B30 2LU U.K.
(86) International Application No	:PCT/GB2012/050907	(72)Name of Inventor:
Filing Date	:25/04/2012	1)SILVANO, Daniela
(87) International Publication No	:WO 2012/146920	2)DHAMI, Rajesh
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to temperature tolerant chocolate, particularly temperature tolerant chocolate comprising non-conched chocolate ingredients and conched chocolate wherein the conched chocolate is present at <50% (w/w) of the unconched chocolate ingredients and conched chocolate mixture. The invention further relates to processes for the manufacture of said temperature tolerant chocolate.

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

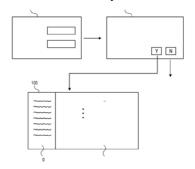
(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SPECIAL REGIONAL ONLINE VIDEO GAME FORUM BASED ON LOCATION

(51) International classification(31) Priority Document No(32) Priority Date	:G06Q50/10,G06Q50/30 :13/100,180 :03/05/2011	(71)Name of Applicant: 1)SONY COMPUTER ENTERTAINMENT AMERICA LLC
(33) Name of priority country	:U.S.A.	Address of Applicant :2207 Bridgepointe Pkwy. San Mateo,
(86) International Application No	:PCT/US2012/030879	Ca 94404 U.S.A.
Filing Date	:28/03/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/151012	1)SANDERS, Paul M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods, systems, and devices are presented for automatically creating a special chat or common video game environment forum and inviting online video game players to the forum based on their common demographics. The determination of common demographics can be generated through clustering algorithms. Players in the same city, players with the same playing techniques, and/or players sharing other common attributes can play as teams or against each other. As players drop out of the forum, the criteria for invitations to the forum are expanded to include other online players.



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

(21) Application No.3180/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: VEHICLE SEAT

(51) International classification :B60N2/48,A47C7/38,B60N2/30 (71)Name of Applicant :

(31) Priority Document No :2011-081068 (32) Priority Date :31/03/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/058417

Filing Date :29/03/2012 (87) International Publication No: WO 2012/133676

(61) Patent of Addition to $\cdot NA$ **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TS TECH CO., LTD.

Address of Applicant: 7-27, Sakaecho 3-chome, Asaka-shi,

Saitama 3510012 JAPAN

2)HONDA MOTOR CO., LTD.

(72)Name of Inventor: 1)TACHIKAWA, Yoichi 2)OGATA, Yusuke 3)SATO, Koki

4)YOKOCHI, Nobuo

(57) Abstract:

Provided is a vehicle seat having favorable assemblability and capable of linking a downward tilt operation of a headrest to movement of a seat cushion and a seatback to the storage position thereof, and executing the downward tilt operation independently. This vehicle seat has: a downward tilt mechanism that performs a downward tilt operation for tilting a headrest forward; a first receiving unit that receives a first operation executed when a passenger tilts a headrest forward independently; a second receiving unit that receives a second operation executed when a passenger stores the vehicle seat; a first drive unit for driving only the downward tilt mechanism via the first operation, and performing the downward tilt operation; and a second drive unit for, upon receipt of the second operation by the second receiving unit, driving the downward tilt mechanism and performing the downward tilt operation by linking to the movement of the seat cushion and/or the seatback to the storage position thereof. Therein, the downward tilt mechanism, the first drive unit and the second drive unit are attached to a seatback frame provided inside the seat back.

No. of Pages: 114 No. of Claims: 6

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR REDUCING GIVEAWAY MATERIAL ON MINT PRODUCTS

(51) International classification :A44C21/00,A44C27/00 (71)Name of Applicant : (31) Priority Document No 1)MONNAIE ROYALE CANADIENNE / ROYAL :61/468,385 (32) Priority Date :28/03/2011 CANADIAN MINT (33) Name of priority country Address of Applicant :320, Prom. Sussex Drive, Ottawa, :U.S.A. (86) International Application No Ontario K1A 0G8 CANADA :PCT/CA2012/050192 Filing Date :28/03/2012 (72)Name of Inventor: (87) International Publication No :WO 2012/129691 1)MATHIEU, Yanick (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A machine and method for reducing giveaway material on mint products. The machine may include a conveying assembly for conveying a plurality of mints products to be processed. The machine may also include a processing assembly for processing at least one given mint product at a time, so as to remove an amount of giveaway material from each one of the mint products. The machine may also include a recuperating assembly for recuperating mint products having being processed. The method may include the steps of a) evaluating at least one physical parameter of a given mint product to be processed; b) comparing said at least one physical parameter of the mint product to be processed with a minimum threshold physical parameter in order to determine an attainable range of giveaway material to be removed; c) projecting a targeted amount of giveaway material to be removed from the mint product to be processed depending on the attainable range of giveaway material; and d) removing the targeted amount of giveaway material via at least one surface of the mint product.

No. of Pages: 132 No. of Claims: 99

(21) Application No.3100/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: STORAGE FACILITY FOR WASTE-DERIVED SOLID FUEL AND STORAGE METHOD **THEREFOR**

(51) International classification :F23G5/02,B65G3/04,C10L3/06 (71)Name of Applicant :

(31) Priority Document No :2011-076129 (32) Priority Date :30/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/001968

Filing Date :22/03/2012 (87) International Publication No :WO 2012/132338

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

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

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1-1, Higashikawasaki-cho 3-chome,

Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72)Name of Inventor: 1)SAKO, Masaaki 2)OTA, Hideaki

(57) Abstract:

Proposed are a storage facility and a storage method. According to the storage facility and storage method, a waste-derived solid fuel (for example, an RDF or a biomass waste-derived solid fuel), said solid fuel being under physical conditions easily causing the fermentation thereof, can be stored even in a hot-humid environment wherein fermentation would be further accelerated. A waste derived solid fuel is an aerobically fermented in a fermentation tank (52). A biogas that is evolved by the fermentation is flown into a primary storage tank (53) (a biogas storage tank), then compressed and cooled, and stored in a secondary storage tank (54) (a biogas storage tank). The biogas stored in the secondary storage tank (54) is sent to a boiler (61) in a power generation part (6) and utilized as a fuel or an auxiliary fuel. The fermentation residue of the fuel is dehydrated and reused as a starting material of the fuel.

No. of Pages: 66 No. of Claims: 29

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMPLANTABLE DEVICE FOR ACQUISITION AND MONITORING OF BRAIN BIOELECTRIC SIGNALS AND FOR INTRACRANIAL STIMULATION

(51) International classification :A61B5/00,A61B5/0476 (71)Name of Applicant : (31) Priority Document No :RM2011A000206 1)AB MEDICA S.P.A. (32) Priority Date Address of Applicant : Piazza Sant'Agostino 24, I-20123 :21/04/2011 (33) Name of priority country Milano MI ITALY :Italy (86) International Application No :PCT/IB2012/051909 (72)Name of Inventor: Filing Date :17/04/2012 1)ROMANELLI, Pantaleo (87) International Publication No :WO 2012/143850

(61) Patent of Addition to Application
Number
:NA

Filing Date

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

2)SEBASTIANO, Fabio 3)PARIS, Antonino 4)MARCHETTI, Stefano 5)CRISTIANI, Paolo

(57) Abstract:

The invention relates to an implantable device (150) for the acquisition and monitoring of brain bioelectric signals comprising a plurality of active electrodes (1100) suitable to detect brain bioelectric signals, said active electrodes (1100) being arranged on a grid (1000) connected to an electronic module (200) of the implantable device (150) according to a predefined pattern. The active electrodes (1100) are connected to a microprocessor (213) of said electronic module (200) through respective paths (115) formed on said grid (1000) and connected to at least one analog input unit (201, 202, 203, 204, 205, 206, 207, 208) arranged in the electronic module (200), said at least one analog input unit being in turn connected to at least one passive electrode (REF1, REF2, REF3, REF4, REF5, REF6, REF7, REF8) and to said microprocessor (213) through a data bus (214). The at least one analog input unit (201, 202, 203, 204, 205, 206, 207, 208) comprises an analog-to-digital converter for each active electrode (1100) connected thereto. Thanks to these features, it is possible to acquire in parallel and simultaneously the bioelectric signals detected by each active electrode, which results in an improvement in the accuracy of localization and mapping of a brain disease focus. The invention also relates to a data acquisition and processing system, which comprises the implantable device (150).

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

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: COMPOSITIONS FOR THE TREATMENT OF NEUROLOGIC DISORDERS

(51) International classification :A61K31/015,A61K31/201,A61K31/202

(31) Priority Document :61/469,081

No (32) Priority Date :29/03/2011

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

(86) International :PCT/IB2012/000824

Application No Filing Date :28/03/2012

(87) International Publication No :WO 2012/131493

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

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

(71)Name of Applicant:

1)PALUPA MEDICAL LTD.

Address of Applicant :66 Metochiou Avenue, 2407 Engomi,

Nicosia CYPRUS

(72)Name of Inventor:

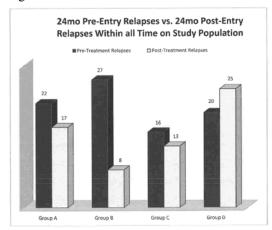
1)MARIOS, Pantzaris

2)IOANNIS, Patrikios

3) GEORGIOS, Loukaidis

(57) Abstract:

The present invention relates to compositions comprising DHA, EPA. LA and GLA, The compositions may further comprise other omega-3 PUFAs, MUFAs, SFAs, gamma tocopherol. Vitamin A and Vitamin E, The compositions are useful for treating neurologic disorders. The compositions are administered chronically for the prevention and/or treatment of multiple sclerosis (MS) and other degenerative diseases.



No. of Pages: 119 No. of Claims: 30

(21) Application No.3367/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : APPARATUS AND METHODS FOR PRIORITY BASED TASK SCHEDULING IN HYBRID NETWORK OPERATION

(51) International classification (31) Priority Document No	:H04W72/12 :61/488,620	(71)Name of Applicant : 1)APPLE INC.
(32) Priority Date	:20/05/2011	Address of Applicant :1 Infinite Loop, Cupertino, CA 95014
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/038717	(72)Name of Inventor:
Filing Date	:18/05/2012	1)SU, Li
(87) International Publication No	:WO 2012/162191	2)CHAUDHARY, Madhusudan
(61) Patent of Addition to Application	:NA	3)SHI, Jianxiong
Number	:NA	4)XING, Longda
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and apparatus for minimizing scheduling collisions between networks, in one embodiment, the networks are substantially unsynchronized, and during hybrid network operation (e.g., LTE and CDMA IX operation), a mobile device can place CDMA IX voice calls while registered with the LTE network. However, since the LTE and CDMA1X networks are not coordinated, the mobile device will experience scheduling collisions. In one variant, the LTE network accounts for predictable behaviors (such as CDMA 1X paging), and schedules low priority tasks during likely time interval conflicts. Consequently, even though the mobile device must tune away from the LTE network to check CDMA 1X pages, overall LTE network performance is minimally affected.

No. of Pages: 28 No. of Claims: 20

(21) Application No.3115/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: HIGH-YIELD PROCESS FOR THE SYNTHESIS OF UREA

(51) International classification	:C07C273/04,B01J19/00	(71)Name of Applicant:
(31) Priority Document No	:MI2011A 000804	1)SAIPEM S.P.A.
(32) Priority Date	:10/05/2011	Address of Applicant :Via Martiri di Cefalonia, 67, I-20097
(33) Name of priority country	:Italy	San Donato Milanese (MI), ITALY
(86) International Application No	:PCT/EP2012/058106	(72)Name of Inventor:
Filing Date	:03/05/2012	1)CARLESSI, Lino
(87) International Publication No	:WO 2012/152645	2)GIANAZZA, Alessandro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for the direct synthesis of urea from ammonia and carbon dioxide at high pressures and temperatures, with the formation of ammonium carbamate as intermediate, comprising a decomposition step of the ammonium carbamate and stripping of the gases formed, operating substantially at the same pressure as the synthesis step, wherein the recycled liquid streams are fed, at least partially, to the same decomposition and stripping step after being preheated by heat exchange with a stream included in the high-pressure synthesis cycle.

No. of Pages: 40 No. of Claims: 13

(21) Application No.3116/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: DEVICE FOR PRODUCING BAGGED ELECTRODE AND METHOD FOR PRODUCING BAGGED **ELECTRODE**

(51) International :H01M10/04,H01M2/18,H01M4/02

classification

(31) Priority Document No :2011-085751 (32) Priority Date :07/04/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/059556

No :06/04/2012

Filing Date (87) International Publication :WO 2012/137935

(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)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor:

1)Hiroshi YUHARA 2)Takahiro YANAGI

3)Taewon KIM

4)Manabu YAMASHITA

(57) Abstract:

This device (100) for producing a bagged electrode (20) has: a conveyance unit (200) that sequentially causes the overlapping while conveying of an electrode (40) and a pair of separators (30) from the front edge (51) side in the direction of conveyance; a first joining chip (302) that joins the lateral edges (31) of the pair of separators to each other; and at least one second joining chip (303) that joins the lateral edges of the pair of separators to each other and that is positioned downstream in the direction of conveyance from the first joining chip. Also, the front edge of the lateral edges of the pair of separators sequentially overlapped while being conveyed by the conveyance unit are joined by the first joining chip on the upstream side before conveying to the second joining chip on the downstream side.

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

(21) Application No.3117/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: STACKING APPARATUS AND STACKING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01M10/04,H01M6/02 :2011-085733 :07/04/2011 :Japan :PCT/JP2012/059487 :06/04/2012 :WO 2012/137912 :NA :NA	(71)Name of Applicant: 1)NISSAN MOTOR CO., LTD. Address of Applicant: 2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor: 1)Hiroshi YUHARA 2)Takahiro YANAGI 3)Manabu YAMASHITA
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The objective of the present invention is to provide a lamination device and lamination method that are able to reduce the production time of a battery by means of high-speed lamination of a separator and an electrode. The lamination device has: a separator conveyance unit that conveys a separator having a predetermined shape in a held state; an electrode conveyance unit that conveys a positive electrode having a predetermined shape; and a control device that synchronizes the conveyance speed and conveyance position of the electrode conveyance unit and the separator conveyance unit in a manner so that the separator and the positive electrode overlap at a predetermined position. The separator is successively separated from the separator conveyance unit and laminated to the positive electrode while delivering the separator to the positive electrode from the downstream side in the direction of conveyance while moving both the positive electrode and the separator.

No. of Pages: 52 No. of Claims: 8

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: TIRE PRESSURE MONITORING DEVICE

(51) International :B60C23/02,B60C23/04,G01L17/00 classification

(31) Priority Document No :2011-110001 (32) Priority Date :17/05/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/053976

:20/02/2012 Filing Date

(87) International Publication: WO 2012/157308

No

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

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

Filing Date (57) Abstract:

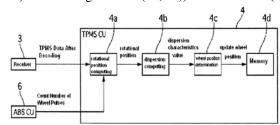
(71)Name of Applicant:

1)NISSAN MOTOR CO.,LTD.

Address of Applicant: 2. Takara-cho, Kanagawaku, Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor: 1)SHIMA Takashi 2)SAKAGUCHI Kazuo 3)TERADA Syoji

The purpose of the present invention is to provide a tire air pressure monitor device capable of accurately determining the wheel position of a transmitter. In order to achieve same, the tire air pressure monitor device comprises: transmitters (2d) disposed in each wheel (1), and which transmit detected air pressure information using wireless signals; rotation position detection means (wheel speed sensor (8), ABSCU (6)) disposed on the frame side corresponding to each wheel (1), and which detect the rotation position (wheel speed pulse) of each wheel (1) and also output rotation position information (wheel speed pulse count values) to a communications line (CAN communications line (7)) at prescribed time intervals ($\Delta T0$) (cycle 20 msec); and a frame side rotation position estimation means (rotation position calculation unit (4a)) that estimates the rotation position (number of gear teeth (z12)) at the time of transmission (transmission command time (t2)) by the transmitters (2d), on the basis of the reception information (reception completion time (t4)) for the wireless signal from the transmitters (2d) and the rotation position information (input times (t1, t5) number of gear teeth (ztl.zt5)) for the wheels (1) input via the communications line (CAN communications line (7)).



No. of Pages: 52 No. of Claims: 12

(22) Date of filing of Application :23/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ANTIBODIES TO 25-HYDROXYVITAMIN D2 AND D3 AND USES THEREOF

(51) International :C07K16/26,C07H21/00,G01N33/53 classification

(31) Priority Document No :61/488.630 (32) Priority Date :20/05/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/038637

Application No :18/05/2012 Filing Date

(87) International Publication: WO 2012/162165

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

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

(71)Name of Applicant:

1) SIEMENS HEALTHCARE DIAGNOSTICS, INC.

Address of Applicant: 511 Benedict Avenue, Tarrytown, NY 10591, U.S.A.

(72)Name of Inventor:

1)SAHAKIAN, Niver, Panosian 2)CAMPBELL, Bruce, A. 3)LIN, Spencer, Hsiang-Hsi 4)FREEMAN, James, Vincent 5)LIAO, Qimu

6)EVANGELISTA, Ramon, A.

(57) Abstract:

Provided herein are antigenic molecules that can be used to generate antibodies capable of binding to a vitamin D derivative, such as 25-hydroxyvitamin D2 and/or 25-hydroxyvitamin D3, or a 25-hydroxyvitamin D analog, such as a vitamin D-C22 immunogenic molecule or compound. Antibodies produced using these antigenic molecules, and related antigenic compounds, are also described. In addition, disclosed herein are methods for detecting vitamin D deficiency in a subject, methods for treating a subject suspected of having a vitamin D deficiency, methods for monitoring progression of vitamin D deficiency in a subject, and methods for monitoring treatment of vitamin D deficiency in a subject in need thereof. Also provided are methods and reagents for the detection or quantification of 25-hydroxyvitamin D2 and D3, methods for stabilizing vitamin D analogs, and methods for separating 25hydroxyvitamin D2 and D3 from vitamin D binding protein in a biological sample.

No. of Pages: 113 No. of Claims: 136

(2

(21) Application No.3109/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING GRAPHIC USER INTERFACE HAVING ITEM DELETING FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2011-0043909 :11/05/2011 :Republic of Korea	(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)Hui Chul Yang
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(57) Abstract:

A method of providing a graphic user interface (GUI) having an item deleting function includes displaying at least one item, detecting a touch position moving operation after a touch input is entered from a user and deleting the at least one item located on a moving path of the touch position moving operation.

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

(22) Date of filing of Application: 13/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SYSTEMS AND METHODS FOR COMMUNICATIONS DEVICES HAVING MULTIPLE **INTERFACES**

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F3/00 :13/166,637 :22/06/2011 :U.S.A. :PCT/US2012/043599 :21/06/2012 :WO 2012/177917 :NA :NA :NA	(71)Name of Applicant: 1)SCHWEITZER ENGINEERING LABORATORIES, INC. Address of Applicant: 2350 NE Hopkins Court, Pullman, WA 99163, U.S.A. (72)Name of Inventor: 1) Rhett SMITH 2)Ryan BRADETICH
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(21) Application No.3360/KOLNP/2013 A

(57) Abstract:

(19) INDIA

According to various embodiments, a communication switch may create and/or manage a variety of configurable network relationships between intelligent electronic devices (IEDs) connected via disparate network interfaces using a variety of communication protocols. Accordingly a communication switch may provide media translation between various types of physical network ports and communication protocol conversion between various communication protocols. For example, a communication switch may be used to create a networked group of IEDs in which some IEDs are connected via Ethernet ports and other IEDs are connected via D-subminiature ports and/or optical ports. The communication switch may create and/or manage network relationships such as publisher/subscriber, master/slave, multidrop configurations, star configurations, and/or other complex network relationships between two or more lEDs or groups of lEDs.

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

(21) Application No.3361/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: PANEL INTERLOCKING ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D71/00 :61/476,184 :15/04/2011 :U.S.A. :PCT/US2012/032655 :07/04/2012 :WO 2012/141986 :NA :NA :NA	(71)Name of Applicant: 1)MEADWESTVACO PACKAGING SYSTEMS, LLC. Address of Applicant:501 South 5th Street, Richmond, Virginia 23219-0501, U.S.A. (72)Name of Inventor: 1)George PAPASOTIRIOU
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(57) Abstract:

A panel interlocking arrangement secures together a first panel (146) and second panel (148) in an overlapping relationship. The arrangement includes a female locking tab (F) formed in the first panel and a male locking tab (M) formed in the second panel. The female locking tab is displaceable to define a first opening (O) in the first panel for receiving both the male and female locking tabs. The female locking tab includes a neck section (220) by which the female locking tab is connected to the first panel, and a head section (222. 224) foldably connected to the neck section by a fold line (228). The male locking tab is displaceable to define a second opening in the second panel for receiving the female locking tab.

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

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: TIRE AIR PRESSURE MONITORING DEVICE

(51) International :B60C23/02,B60C23/04,G01L17/00 classification

:NA

(31) Priority Document No :2011-090554 (32) Priority Date :15/04/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/053971

:20/02/2012 Filing Date

(87) International Publication: WO 2012/140954

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(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:

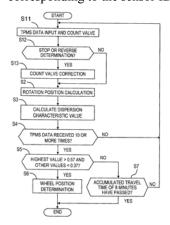
1)Takashi SHIMA

2)Syoji TERADA

3)Kazuo SAKAGUCHI

(57) Abstract:

Disclosed is a tire air pressure monitoring device that monitors air pressure of each of tires, provided with: a pressure sensor (2a) mounted on a tire of each of wheels (1), and detecting air pressure of the tire; a transmitter (2d) provided on each wheel (1), and transmitting air pressure information along with a sensor ID by a radio signal when located on a predetermined rotational position; a receiver (3) provided on a vehicle body side, and receiving the radio signal; a wheel speed sensor (8) provided on the vehicle body side so as to correspond to each wheel (1), and detecting the rotational position of the wheel (1); and a TPMSCU (4) acquiring the rotational position of each wheel (1) at the time of transmission of a radio signal including a certain sensor ID at least 10 times to store the same as rotational position data of each wheel (1), and determining a wheel position corresponding to the rotational position data, the dispersion degree of which is minimum among the respective rotational position data, as a wheel position of the transmitter (2d) corresponding to the sensor ID.



No. of Pages: 66 No. of Claims: 19

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention : CONDUCTIVE FILM, CURRENT COLLECTOR USING SAME, BATTERY AND BIPOLAR BATTERY

		(71)Name of Applicant:
		1)KANEKA CORPORATION Address of Applicant :3-18, Nakanoshima 2-chome, Kita-ku,
(51) International classification	:H01M4/66,H01B5/02,H01M4/64	Ocaka chi Ocaka 5308288 Ianan
(31) Priority Document No	:2011-114963	2)NISSAN MOTOR CO., LTD.
(32) Priority Date	:23/05/2011	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)KATO Yusuke
(86) International Application	1	2)ITO Takashi
No	:PCT/JP2012/063021	3)YANAGIDA Masami
Filing Date	:22/05/2012	4)OKU Satoshi
(87) International Publication		5)OGINO Hiroyuki
No	:WO 2012/161181	6)KUSAKABE Masato
(61) Patent of Addition to		7)MUKAI Ryutaro
Application Number	:NA	8)KOJIMA Masahiro
Filing Date	:NA	9)KIKUCHI Takashi
(62) Divisional to Application		10)WAKI Akiko
Number	:NA	11)INOUE Shiho
Filing Date	:NA	12)IBUKA Shigeo
8 - 		13)TANAKA Yasuyuki
		14)SHIMOIDA Yoshio
		15)MUROYA Yuji
		16)WAKI Norihisa

(57) Abstract:

This conductive film has a layer (1) formed by a conductive material (1) that contains conductive particles (1) and a polymeric material (1) containing any one of: (1) an amino and an epoxy resin (the mixing ratio of the epoxy resin and the amino is at least 1.0 in terms of the ratio of the number of active hydrogen atoms in the amino with respect to the number of functional groups in the epoxy resin); (2) a phenoxy resin and an epoxy resin; (3) a saturated hydrocarbon-based polymer having a hydroxyl group; and (4) a curable resin and an elastomer. The conductive film has excellent stability in an environment of equilibrium potential in a negative electrode, has low electrical resistance per unit area in the thickness direction, has excellent interlayer adhesion when used as a multilayer conductive film, and enables a battery that is both lightweight and durable to be obtained when used as current collector.

No. of Pages: 131 No. of Claims: 41

(21) Application No.3353/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: A METHOD OF PRODUCING HUMAN RPE CELLS AND COMPOSITIONS THEREOF.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:24/01/2005 :WO/2005/070011 :NA :NA	(71)Name of Applicant: 1)ADVANCED CELL TECHNOLOGY, INC. Address of Applicant: ONE INNOVATION DRIVE, WORCESTER, MA 01605. U.S.A. (72)Name of Inventor: 1)KLIMANSKAYA, IRINA, V.
Filing Date (62) Divisional to Application Number Filed on	:2373/KOLNP/2006 :22/08/2006	

(57) Abstract:

The present invention discloses a method of producing human RPE cells, comprising: (a) differentiating in vitro human pluripotent cells to obtain a population of human cells that includes pigmented cells comprising brown pigment dispersed in their cytoplasm; and (b) isolating said pigmented cells, thereby obtaining human RPE cells. The present invention also discloses a composition comprising isolated human RPE cells obtained by in vitro differentiation of human pluripotent cells that express Oct-4, alkaline phosphatase, SSEA-3, SSEA-4, TRA-1-60, and TRA-1-81.

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

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: COMPOSITIONS FOR INHIBITING MASP-2 DEPENDENT COMPLEMENT ACITIVATION

(51) International classification :A61K39/395,C07K16/40,C12N15/13

(31) Priority Document No :61/482,567 (32) Priority Date :04/05/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2012/036509

Filing Date :04/05/2012

(87) International Publication No :WO 2012/151481

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

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

(71)Name of Applicant:

1)OMEROS CORPORATION

Address of Applicant :201 Elliott Avenue West Seattle, WA

98119 U.S.A.

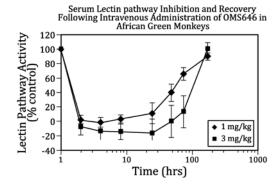
(72)Name of Inventor:
1)DUDLER, Thomas
2)GOMBOTZ, Wayne, R.
3)PARENT, James, Brian

4)TEDFORD, Clark, E. 5)KAVLIE, Anita

6)HAGEMANN, Urs, Beat 7)REIERSEN Herald 8)KIPRIJANOV, Sergei

(57) Abstract:

The present invention relates to anti-MASP-2 inhibitory antibodies and compositions comprising such antibodies for use in inhibiting the adverse effects of MASP-2 dependent complement activation. In one aspect, the invention provides an isolated human monoclonal antibody, or antigen binding fragment thereof, that binds to human MASP-2, comprising:(i) a heavy chain variable region comprising CDR-HI, CDR-H2 and CDR-H3 sequences; and (ii) a light chain variable region comprising CDR-LI, CDR-L2 and CDR-L3, wherein the heavy chain variable region CDR-H3 sequence comprises an amino acid sequence set with factor B in forming additional alternative pathway C3 convertase (C3bBb). The alternative pathway C3 convertase is stabilized by the binding of properdin. Properdin extends the alternative pathway C3 convertase half-life six to ten fold. Addition of C3b to the alternative pathway C3 convertase leads to the formation of the alternative pathway C5 convertase.



No. of Pages: 157 No. of Claims: 56

(21) Application No.3355/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONTROL OF AUTOMATIC GUIDED VEHICLES WITHOUT WAYSIDE INTERLOCKING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B61L27/04,B61L1/00,B61L23/00 :61/496,626 :14/06/2011 :U.S.A.	(71)Name of Applicant: 1)THALES CANADA INC. Address of Applicant: 105 Moatfield, Toronto, Ontario M3B 0A4 Canada
(86) International Application No Filing Date (87) International Publication	:PCT/CA2012/000573 :12/06/2012 :WO 2012/171096	(72)Name of Inventor: 1)WHITWAM, Firth 2)KANNER, Abe
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle management system for automatic vehicles running on a guideway independent of wayside signals or interlocking devices includes intelligent on-board controllers on each vehicle for controlling operation of the vehicle. The on-board controllers communicate with each other as well as individual wayside devices and a data storage system to identify available assets needed to move along the guideway and to reserve these assets for their associated vehicle.

No. of Pages: 27 No. of Claims: 38

(19) INDIA

(22) Date of filing of Application :12/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CORE-SHELL CAPSULES

(51) International classification (31) Priority Document No	:A61K9/50 :11168960.0	(71)Name of Applicant : 1)FIRMENICH SA
(32) Priority Date	:07/06/2011	Address of Applicant :1, route des Jeunes, P.O. Box 239, CH-
(33) Name of priority country(86) International Application No	:EPO :PCT/EP2012/060339	1211 Geneva 8 Switzerland (72)Name of Inventor:
Filing Date (87) International Publication No	:01/06/2012 :WO 2012/168144	1)DARDELLE, Gregory 2)ERNI, Philipp
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(21) Application No.3356/KOLNP/2013 A

(57) Abstract:

The invention provides a process for preparing a core-shell capsule comprising the steps of (i) mixing a solid active ingredient and/or an oily liquid active ingredient with a polymeric material capable of forming a hydrogel shell around the active ingredient(s), (ii) forming a shell comprising a hydrogel scaffold formed of a polymeric lattice around the core, (iii) optionally cross-linking the polymeric lattice; and (iv) contacting the optionally cross-linked core-shell hydrogel shell with a liquid silica precursor so as to cause precipitation of silica within the scaffold structure thereby forming a composite shell of silica interspersed between the polymeric lattice.

No. of Pages: 37 No. of Claims: 17

(22) Date of filing of Application :25/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: STEEL SHEET FOR HOT PRESSING AND PROCESS FOR MANUFACTURING HOT PRESSED MEMBER USING THE STEEL SHEET

(51) International classification: C23C28/00,C21D1/18,C22C18/00 (71)Name of Applicant:

(31) Priority Document No :2011-126863 (32) Priority Date :07/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/063824

:23/05/2012 Filing Date

(87) International Publication :WO 2012/169389

No

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-

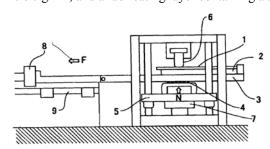
ku, Tokyo 100-0011 Japan (72)Name of Inventor:

1)MIYOSHI Tatsuya

2)NAKAJIMA Seiji 3)NAKAMARU Hiroki

(57) Abstract:

Provided are: a steel sheet that is for hot pressing, has superior cold pressing properties as well, has superior oxidation resistance, and can suppress the occurrence of ZnO and scales during hot pressing; and a method for producing a hot pressed member using the steel sheet for hot pressing. The steel sheet for hot pressing is characterized by having, sequentially from the steel sheet surface; a plated layer that contains 10-25 mass% of Ni, the remainder comprising Zn and unavoidable impurities, and that is deposited at a quantity of 10-90 g/m2; and a lubricating layer containing a solid lubricant.



No. of Pages: 66 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :25/10/2013

(21) Application No.3149/KOLNP/2013 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: COKE FEEDING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C10B39/02 :2011-090643 :15/04/2011 :Japan :PCT/JP2012/058059 :28/03/2012 :WO 2012/141009	(71)Name of Applicant: 1)JP STEEL PLANTECH CO. Address of Applicant: 3-1, Kinko-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0056 Japan (72)Name of Inventor: 1)FUJITA Shinsuke 2)SEKIGUCHI Takeshi
Č		· /
Č		· /
Filing Date	:NA	

(57) Abstract:

Provided is a coke charging apparatus such that elimination of particle size segregation of red hot coke can be ensured during charging of the red hot coke. This coke charging apparatus (1) is provided above a CDQ cooling tower (7) and charges red hot coke (5) discharged from a coke bucket (3) into the CDQ cooling tower (7). The coke charging apparatus (1) has a receiving hopper part (9) for receiving the red hot coke (5) discharged from the coke bucket (3) and a charging chute part (11) for charging the red hot coke (5) received in the receiving hopper part (9) into the CDQ cooling tower (7). The feeding chute part (11) is configured such that part or all of the feeding chute part (11) is rotatable, and a rotation driving device (13) for rotating part or all of the feeding chute part (11) is provided.

No. of Pages: 34 No. of Claims: 5

(21) Application No.3392/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: DETECTING FOOD INTAKE BASED ON IMPEDANCE

(31) Priority Document No	:A61N1/36,A61B5/053,A61B5/04 :61/480,959 :29/04/2011	1)MEDTRONIC, INC.
(32) Priority Date(33) Name of priority country	:U.S.A.	Address of Applicant :710 Medtronic Parkway, Minneapolis, Minnesota 55432 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2012/034810 :24/04/2012 :WO 2012/148914	(72)Name of Inventor: 1)STARKEBAUM, Warren L. 2)SOYKAN, Orhan 3)BLOOMBERG, Daniel
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

In some examples, the disclosure relates to a systems, devices, and techniques for monitoring the occurrence of food intake by a patient. In one example, the disclosure relates to a method including determining a phase of tissue impedance at one or more gastrointestinal tract locations of a patient via a medical device, and determining the occurrence of food intake by the patient based on the determined phase of the tissue impedance. In some examples, a medical device may control the delivery of therapy to a patient based on the determination of food intake based on the phase to the tissue impedance.

No. of Pages: 69 No. of Claims: 15

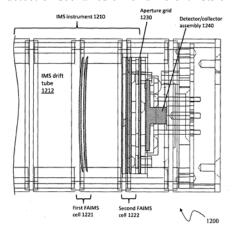
(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ION MOBILITY SPECTROMETER DEVICE WITH EMBEDDED FAIMS CELLS

(51) International classification :G01N27/62,H01J49/42 (71)Name of Applicant : (31) Priority Document No 1) IMPLANT SCIENCES CORPORATION :13/066,894 (32) Priority Date :27/04/2011 Address of Applicant :600 Research Drive, Wilmington, MA (33) Name of priority country 01887 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/034616 (72)Name of Inventor: 1)IVASHIN, Dmitriv, V. Filing Date :23/04/2012 (87) International Publication No :WO 2012/148836 2)BOUMSELLEK, Saïd (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A tandem instrument using a variable frequency pulsed ionization source and two separation techniques, low (IMS) and high (FAIMS) field mobility is provided. The analytical stage features a field driven FAIMS cell (1020) embedded on-axis within the IMS drift tube (1012). The FAIMS cell includes two parallel grids of approximately the same diameter as the IMS rings and can be placed anywhere along the drift tube and biased according to their location in the voltage divider ladder to create the same IMS field. The spacing between the grids constitutes the analytical gap where ions are subject, in addition to the drift field, to the asymmetric dispersive field of the FAIMS. The oscillatory motion performed during the high and low voltages of the asymmetric waveform separates the ions according to the difference in their mobilities. Using combined orthogonal techniques, such as low (IMS) and high (FAIMS) field mobility techniques, offers several advantages to ion detection and analysis techniques including low cost, no vacuum required, and the generation of 2-D spectra for enhanced detection and identification. Two analytical devices may be operated in different modes, which results in overall flexibility by adapting the hyphenated instrument to the applications requirements. With the IMS -FAIMS hardware level flexibility, the instruments may be configured and optimized to exploit different trade-offs suitable for a variety of detection scenarios of for different lists of target compounds.



No. of Pages: 56 No. of Claims: 42

(21) Application No.3153/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: LIGANDS AND CATALYST SYSTEMS FOR HYDROFORMYLATION PROCESSES

(51) International :C07F9/50,C07F15/00,C07C29/141

classification (31) Priority Document No :102011102666.9

(32) Priority Date :27/05/2011 (33) Name of priority country: Germany

(86) International Application :PCT/EP2012/059850

:25/05/2012 Filing Date

(87) International Publication :WO 2012/163837

(61) Patent of Addition to

Application Number :NA Filing Date

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

(57) Abstract:

(71)Name of Applicant: 1)UMICORE AG & CO. KG

Address of Applicant: Rodenbacher Chaussee 4 63457 Hanau-

Wolfgang Germany (72)Name of Inventor: 1)ARLT, Dieter

The present invention relates to ligands and catalyst systems for the hydroformylation of short and long chain olefins, preferably for the hydroformylation of ally alcohol producing 4-hydroxybutyraldehyde. The ligands disclosed herein are all-trans phosphinomethylcyclobutane ligands, such as, for example, all-trans- 1.2.3, 4-tetra[bis-(3, 5-xylyl)phosphinomethyl]-cyclobutane. The catalyst systems comprise these all-trans phosphinomethyl-cyclobutane ligands in combination with an organometallic rhodium complex such as, e.g., (acctylacetonato)-dicarbonyl-rhodium (I). The ligands and catalyst systems of the present invention may be employed in the hydroformylation of olefins, in particular in the hydroformylation of allylalcohol, and provide improved selectivity and high reaction yields. wherein R1 is alkyl, preferably methyl, ethyl or propyl, R2 is H or an alkoxy group, R3 and R4, independently of one another, CH2OR1, CH2O-aralkyl, CH2OH, CH2-[P(3,5-R1,R1-4-R2-phenyl)2] or CH2O-(CH2-CH2-O)m-H (with m being an integer between 1 and 1.000.

No. of Pages: 12 No. of Claims: 11

(21) Application No.3154/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD OF CONTROLLING A PELLET MILL

(51) International classification	:B30B11/00,B30B11/20	(71)Name of Applicant:
(31) Priority Document No	:11164249.2	1)ANDRITZ AG
(32) Priority Date	:29/04/2011	Address of Applicant :Stattegger Strasse 18, A-8045 Graz
(33) Name of priority country	:EPO	Austria
(86) International Application No	:PCT/EP2012/057726	(72)Name of Inventor:
Filing Date	:27/04/2012	1)BLOK, Jesper
(87) International Publication No	:WO 2012/146699	2)H~RDUM, Tomas Kiré
(61) Patent of Addition to Application	:NA	3)LASSEN, Steen G.
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

It is the object of the present invention to provide a method of controlling a pellet mill, said pellet mill comprising - a number of rollers (2,3,4), - a cylindrical die (1) provided with perforations, said rollers (2,3,4) being mounted inside said cylindrical die (1) for pressing material to be pelletized through said perforations, - an adjustment mechanism (5,6,7) for adjusting the distance between the rollers (2,3,4) and the die, (1) - a drive mechanism (M4) for rotationally driving said die (1) and said rollers (2,3,4), said method of controlling comprising the steps of - providing a measurement (8,9,10,11,12,13,14) of a parameter (x,y,z, W1,W2,W3,W4), said parameter indicating if an overload of the pellet mill is arising, and - in case of such indication being detected, reducing the load on the pellet mill by suitable countermeasures.

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

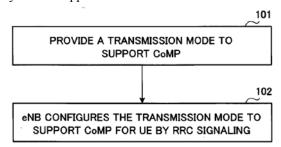
(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR CONFIGURING COORDINATED MULTIPOINT TRANSMISSION

(51) International classification(31) Priority Document No	:H04W28/16,H04W24/10,H04W72/12 :201110111266.X	(71)Name of Applicant: 1)NTT DOCOMO, INC. Address of Applicant: 11-1, Nagatacho 2-chome, Chiyoda-ku,
(32) Priority Date(33) Name of priority	:22/04/2011	Tokyo 1006150 Japan (72)Name of Inventor:
country	:China	1)NAGATA, Satoshi
(86) International Application No Filing Date (87) International	:PCT/JP2012/060850 :23/04/2012	2)ZHU, Jianchi 3)LI, Mingju 4)SHE, Xiaoming
Publication No	:WO 2012/144645	5)CHEN, Lan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In this invention, a method for configuring coordinated multipoint transmission (CoMP) is disclosed. In said method, a transmission mode that supports CoMP is provided, and a base station (eNB) configures the transmission mode that supports CoMP with respect to user terminals (UEs), via radio resource control (RRC) signaling. This method enables CoMP to be configured, and enables an LTE system to support CoMP functions.



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

(21) Application No.3403/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PROCESSES AND INTERMEDIATES

(51) International classification :C07B53/00,C07 (31) Priority Document No :61/486,125 (32) Priority Date :13/05/2011

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

(86) International Application No
Filing Date

PCT/US2012/037509

:11/05/2012

(87) International Publication No :WO 2012/158513

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

:C07B53/00,C07D209/52 (71)Name of Applicant :

1) VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 Waverly Street, Cambridge,

MASSACHUSETTS 02139, U.S.A.

(72)Name of Inventor: 1)TANOURY, Gerald, J.

(57) Abstract:

A process for preparing enantioselectively a compound of formula 1a or 1b: over a compound of formulas 1-2 - Ih:

No. of Pages: 56 No. of Claims: 65

(21) Application No.3404/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: PROCESS AND INTERMEDIATES

(51) International classification	:C07B53/00,C07D209/52	(71)Name of Applicant:
(31) Priority Document No	:61/486,150	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:13/05/2011	Address of Applicant :130 Waverly Street, Cambridge,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 02139, U.S.A.
(86) International Application No	:PCT/US2012/037515	(72)Name of Inventor:
Filing Date	:11/05/2012	1)TANOURY, Gerald, J.
(87) International Publication No	:WO 2012/158515	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for preparing enantioselectively a compound of formula (1a) or (Ib) over a compound of formulas I-2-1h.

No. of Pages: 54 No. of Claims: 71

(22) Date of filing of Application :20/11/2013

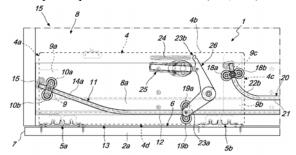
(43) Publication Date: 14/02/2014

(54) Title of the invention : DEVICE FOR SLIDING DOOR LEAVES WITH CO-PLANAR CLOSURE, PARTICULARLY FOR FURNITURE AND THE LIKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05D15/10 :TV2011A000070 :23/05/2011 :Italy :PCT/EP2012/054707 :16/03/2012 :WO 2012/159784 :NA :NA :NA	(71)Name of Applicant: 1)BORTOLUZZI LAB S.R.L. Address of Applicant: Via Caduti 14 Settembre 1944, 45 32100 Belluno - ITALY (72)Name of Inventor: 1)Guido BORTOLUZZI 2)Adriano GIROTTO 3)Bruno SPONGA 4)Rodolfo DAL CASTEL
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(57) Abstract:

A device (1) for sliding door leaves (2a, 2b) with co-planar closure, particularly for furniture and the like, comprising a bracket system (3) for connection to each one of the door leaves (2a, 2b) and with which a first pair of wheels (10a, 10b) is associated in a lower region. The device comprises a second pair of wheels (18a, 18b) which are, together with the first pair of wheels (10a, 10b), slideably engaged with the head (17a, 17b) respectively of a first guide (11) and of a second guide (20) which are T-shaped in cross-section, arc-shaped in plan view and the stem (16a, 16b) of which protrudes from the top (8) of the piece of furniture.



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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: MOBILE COMMUNICATION METHOD AND MOBILE MANAGEMENT NODE

(51) International classification :H04W16/26,H04W12/06 (71)Name of Applicant : (31) Priority Document No 1)NTT DOCOMO, INC. :2011-082240 (32) Priority Date Address of Applicant: 11-1, Nagatacho 2-chome, Chiyoda-ku, :01/04/2011 (33) Name of priority country Tokvo 1006150 JAPAN :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2012/058134 1)TAKAHASHI, Hideaki Filing Date :28/03/2012 (87) International Publication No :WO 2012/137643 2)MORIOKA, Yasufumi (61) Patent of Addition to Application 3) ZUGENMAIER, Alf :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In an attachment process as a relay node (RN), wasteful use of resources can be avoided. A mobile communication method of the present invention comprises: a step in which a radio base station (DeNB) transmits, to a mobile management node (MME), an (S1) Initial UE message, which indicates an attachment process as a relay node (RN), in response to an Attach Request (RN) received from the relay node (RN) with which a USIM-RN has established a secure channel; a step in which the mobile management node (MME) starts an EPS-AKA between the mobile management node (MME) and each of the relay node (RN) and USIM-RN in response to the (S1) Initial UE message; and a step in which if it is determined that the USIM-RN cannot be used for the attachment process as the relay node (RN), the EPS-AKA fails.

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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: BCMA (CD269/TNFRSF17) -BINDING PROTEINS

133) Name of priority country 115 A	1)GLAXO GROUP LIMITED Address of Applicant :980 Great West Road Brentford Middlesex TW8 9GS U.K. (72)Name of Inventor: 1)ALGATE, Paul 2)CLEGG, Stephanie Jane 3)CRAIGEN, Jennifer, L. 4)HAMBLIN, Paul Andrew 5)LEWIS, Alan Peter 6)PARMAR, Radha Shah 7)MAYES, Patrick 8)WATTAM, Trevor Anthony Kenneth
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(57) Abstract:

The present invention concerns antigen binding proteins and fragments thereof which specifically bind B Cell Maturation Antigen (BCMA), particularly human BCMA (hBCMA) and which inhibit the binding of BAFF and APRIL to the BCMA receptor. Further disclosed are pharmaceutical compositions, screening and medical treatment methods.

No. of Pages: 140 No. of Claims: 31

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM AND METHOD FOR DATA STREAMING IN A COMPUTER NETWORK

(51) International classification :H04N21/437,H04N21/24,H04N21/647

(31) Priority Document No :13/088,927

(32) Priority Date :18/04/2011 (33) Name of priority :U.S.A.

country (86) International PCT/IJS20

Application No :PCT/US2012/029691

Filing Date :19/03/2012

(87) International Publication No :WO 2012/145108

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

Filing Date
(62) Divisional to
Application Number
Filing Date

INA
:NA
:NA

(71)Name of Applicant:

1)CISCO TECHNOLOGY, INC.

Address of Applicant :SJC/10/2/1, 170 West Tasman Drive,

San Jose, CA 95134-1706 U.S.A.

(72)Name of Inventor:

1)MAJOR, Robert, D.

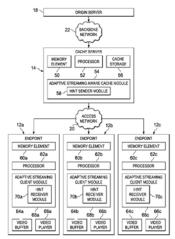
2)ORAN, David, R.

3)NARAYANAN, Ashok

4) LE FAUCHEUR, Francois, L.

(57) Abstract:

A method is provided in one embodiment and includes establishing a video session involving an endpoint and a server; evaluating network criteria associated with characteristics that can affect a bit rate for the video session; and communicating bit rate hint data, which is based on the network criteria, to the endpoint for consideration in a bit rate request. The bit rate request involves streaming data in the video session. The method also includes receiving the bit rate request from the endpoint.



No. of Pages: 30 No. of Claims: 26

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE AUDIO SIGNAL GENERATION, CODING AND RENDERING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/504,005 :01/07/2011 :U.S.A.	(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)ROBINSON, Charles Q. 2)TSINGOS, Nicolas R. 3)CHABANNE, Christophe
Filing Date	:NA :NA	

(57) Abstract:

Embodiments are described for an adaptive audio system that processes audio data comprising a number of independent monophonic audio streams. One or more of the streams has associated with it metadata that specifies whether the stream is a channel-based or object-based stream. Channel-based streams have rendering information encoded by means of channel name; and the object-based streams have location information encoded through location expressions encoded in the associated metadata. A codec packages the independent audio streams into a single serial bitstream that contains all of the audio data. This configuration allows for the sound to be rendered according to an allocentric frame of reference, in which the rendering location of a sound is based on the characteristics of the playback environment (e.g., room size, shape, etc.) to correspond to the mixers intent. The object position metadata contains the appropriate allocentric frame of reference information required to play the sound correctly using the available speaker positions in a room that is set up to play the adaptive audio content.

No. of Pages: 65 No. of Claims: 39

(22) Date of filing of Application :20/11/2013 (43)

(43) Publication Date: 14/02/2014

(54) Title of the invention : DEVICE FOR MEDICAMENT DELIVERY WITH SYRINGE-LIKE USABILITY HAVING A LOCKING MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:07/05/2012 :WO 2012/158096 :NA :NA	(71)Name of Applicant: 1)SHL GROUP AB Address of Applicant :IP Department, Box 1240, Augustendalsvägen 19, SE13128 Nacka Strand SWEDEN (72)Name of Inventor: 1)HOLMQVIST, Anders 2)HEDIN, Maria
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Device for medicament delivery with syringe like usability having a locking mechanism. A device for medicament delivery with syringe like usability with at least one grip (30), at least one plunger rod (20) being substantially rotationally fixed relatively to the grip, and at least one locking mechanism (17) configured to substantially inhibit movement of the plunger rod in a longitudinal direction of the device for dose delivery when being in at least one locking position. The locking mechanism comprises at least one rotatable part (40) that is substantially fixed in a longitudinal direction, that is rotatable relatively to the grip, and that interacts with the plunger rod. The device comprises at least one indicator drum (60).

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

(22) Date of filing of Application :20/11/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: SIMULATION SYSTEM, METHOD FOR CARRYING OUT A SIMULATION, CONTROL SYSTEM AND COMPUTER PROGRAM PRODUCT

(32) Priority Date :09/06/2011 Addre GERMAN (33) Name of priority country :Germany GERMAN (86) International Application No :PCT/EP2012/060558 (72)Nam Filing Date :05/06/2012 1)RAT (87) International Publication No :WO 2012/168215 2)SPEI	SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München MANY
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(57) Abstract:

The invention relates to a simulation system in particular for a guidance system which controls a process (P) running in a technical system. Said guidance system comprises at least one first process environment (10) embodied as a container and which is also designed to simulate the automatic process to be run in the system and comprises corresponding interfaces (11, 12, 13) to the guidance system. According to the invention, said simulation system (300a) comprises, in addition to the first process environment (10) a second process environment (20) embodied as a container for simulating the hardware of the periphery of the guidance system and a third process environment (30) embodied as a container for simulating the process to be run in the technical system. In another embodiment variation (300b) of the simulation system, all process environments can be also be combined to form one process environment (35). In both variations, the interfaces (11, 12, 13) of the first process environment (10) and the interfaces (21, 22, 23) of the second process environment (20) are practically identical to the interfaces (31, 32, 33) of the third process environment (30). The invention also relates to a method for carrying out a simulation by means of the claimed simulation system. The invention also relates to a corresponding guidance system and computer program product.

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

(22) Date of filing of Application :20/11/2013

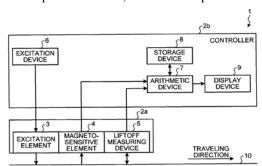
(43) Publication Date: 14/02/2014

(54) Title of the invention : MAGNETIC PROPERTIES MEASURING METHOD AND MAGNETIC PROPERTIES MEASURING DEVICE

(51) International classification :G01N27/72,G01N27/82 (71)Name of Applicant : 1)JFE STEEL CORPORATION (31) Priority Document No :2011-120331 (32) Priority Date Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-:30/05/2011 (33) Name of priority country ku, Tokyo 100-0011 JAPAN :Japan (86) International Application No :PCT/JP2012/063341 (72)Name of Inventor: 1)Yuji NISHIZAWA Filing Date :24/05/2012 (87) International Publication No :WO 2012/165296 2)Manabu HARAZONO (61) Patent of Addition to Application 3)Norihisa OKADA :NA Number 4)Junichi YOTSUJI :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

For the purpose of measuring a local magnetic property distribution in a steel plate stably even when a variation in an amount of liftoff occurs, a magnetic property measurement method comprises: a step of acquiring beforehand, as normal part liftoff data, a relationship (Ls(1)) between an output of a magneto-sensitive element at a normal part of a subject to be measured beforehand and an amount of liftoff of the magneto-sensitive element; a step of acquiring beforehand, as defective part liftoff data, a relationship (Lp(1)) between an output of the magneto-sensitive element at a defective part of the subject to be measured beforehand and an amount of liftoff of the magneto-sensitive element; a measurement step of measuring an output (x) of the magneto-sensitive element at a subject and an amount of liftoff (1) of the magneto-sensitive element when the output (x) is obtained; and a correction step of performing an operation for correcting the output (x) of the magneto sensitive element at the subject measured in the measurement step, by using the normal part liftoff data, the defective part liftoff data, and the amount of liftoff measured in the measurement step.



No. of Pages: 31 No. of Claims: 7

(21) Application No.3408/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : UNROLLING DEVICE, PARTICULARLY FOR MATERIALS IN ROLLS, WITH MATERIAL ALIGNMENT CONTROL

(51) International :B65H23/032,B65H16/10,B65H16/08

(31) Priority Document No :MI2011A000911

(32) Priority Date :23/05/2011

(33) Name of priority :Italy

country

(86) International :PCT/EP2012/055783

Application No
Filing Date

30/03/2012

(87) International :WO 2012/159808

Publication No (61) Patent of Addition to

Application Number
Filing Date
:NA:
:NA

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

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

Address of Applicant : Viale Indipendenza, 55 27029

Vigevano, ITALY (72)Name of Inventor:

1) CORSICO PICCOLINO, Alessandro

(57) Abstract:

An unrolling device (1), particularly for materials in rolls, with material alignment control, comprising means for unrolling a roll of material to be unrolled, the device further comprising means (6) for detecting at least one lateral edge (8) of the material unrolled from the roll (20) which are adapted to detect quantitatively the movement of the edge transversely to the unrolling direction of the material.

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

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND SYSTEM FOR SIMULATING A WORK PROCESS ON A MACHINE TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G05B17/02 :102011105141.8 :09/06/2011 :Germany :PCT/EP2012/060890 :08/06/2012 :WO 2012/168427 :NA :NA	(71)Name of Applicant: 1)DMG ELECTRONICS GMBH Address of Applicant: Deckel Maho Straße 1 87459 Pfronten GERMANY (72)Name of Inventor: 1)PRUSCHEK, Peter 2)HAHN, Rudolf 3)WILLI, Bruno 4)TARNOFSKY, Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and a system for simulating a working process on a machine tool using a virtual machine. In particular, the invention relates to a method and a system for simulating a working process on a machine tool using a virtual machine which is designed to simulate the working process on the machine tool on the basis of machine data, workpiece data and tool data, depending on NC control data and SPS control data. According to the invention, the working process is simulated on a platform which comprises a plurality of processor cores, wherein the working process is simulated in part simulations which run in parallel on different processor cores.

No. of Pages: 23 No. of Claims: 17

(21) Application No.3140/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SUSTAINABLE BULK LIQUID DISPENSING DEVICE

(51) International classification :B67D7/78,A47F1/00,B67D7/02 (71)Name of Applicant :

(31) Priority Document No :61/467,775 (32) Priority Date :25/03/2011

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

(86) International Application No: PCT/CA2012/050183

Filing Date :26/03/2012

(87) International Publication No: WO 2012/129686

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

:NA Number :NA Filing Date

1)VANDERSTEEN, Colleen Beth

Address of Applicant: 3413 Henderson Highway, Winnipeg,

Manitoba R2E 1A8 CANADA

(72)Name of Inventor:

1)VANDERSTEEN, Colleen Beth

(57) Abstract:

A bulk liquid dispensing system includes a plurality of dispensing devices for each dispensing a respective type of bulk liquid. Each device includes a primary tank of bulk liquid communicating with a nozzle for dispensing into a reusable container which may be provided by a customer. A secondary portable tank is interchangeably connected above the primary tank to ensure continued dispensing of liquid even as the secondary tank is interchanged. A payment system associates a debit amount with a dispensed fluid from each device resulting from a user selection and a cumulative total of the debit amounts is collected from the customer in a single transaction. The devices can be operated to dispense liquid in response to input of an identification code which is generated when the user prepays, for example through a web interface, a mobile application, a point of sale tool, or a tablet application.

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

(22) Date of filing of Application :21/11/2013

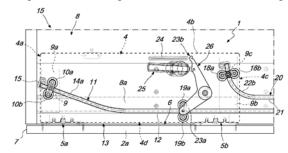
(43) Publication Date: 14/02/2014

(54) Title of the invention : DEVICE FOR SLIDING DOOR LEAVES WITH CO-PLANAR CLOSURE, PARTICULARLY FOR FURNITURE AND THE LIKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05D15/10 :TV2011A000071 :23/05/2011 :Italy :PCT/EP2012/054724 :16/03/2012 :WO 2012/159785 :NA :NA :NA	(71)Name of Applicant: 1)BORTOLUZZI LAB S.R.L. Address of Applicant: Via Caduti 14 Settembre 1944, 45 32100 Belluno Italy (72)Name of Inventor: 1)BORTOLUZZI Guido 2)GIROTTO Adriano 3)SPONGA Bruno 4)DAL CASTEL Rodolfo
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(57) Abstract:

A device for sliding door leaves with co-planar closure, particularly for furniture and the like, comprising a bracket system, for connection with each one of said door leaves and with which a first pair of wheels is associated in a downward region. The device comprises means adapted to force the closure arrangement of at least one of said door leaves.



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

(21) Application No.3426/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: FITTING FOR CHANGING LIQUID PATHS

:WO 2012/171939

(51) International classification: F16K3/24,F16K11/20,F16K27/04 (71) Name of Applicant:

(31) Priority Document No :10 2011 077 679.6

(32) Priority Date :17/06/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/061162

:13/06/2012 Filing Date

(87) International Publication

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

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

1)KSB AKTIENGESELLSCHAFT

Address of Applicant :Johann-Klein-Straße 9, 67227

Frankenthal Germany (72)Name of Inventor: 1)DIEDERICH, Ralf

2)KOCHANOWSKI, Wolfgang

3)SCHÄFER, Stefan

4)SCHWARZ, Gerhard 5)HARTMANN, Peter

pressure exchanger has pipes (30) having alternating flow direction. The housing (11) of the fitting comprises an inlet piece (2), an outlet piece (3), and a connection piece (1) for a pipe (30). The fitting has at least one shut-off element (17, 18) that is connected to an actuator (8, 10). The actuator (8, 10) is connected to a control device that is configured to produce a liquid flow between the inlet piece (2) and the connection piece (1), or between the connection piece (1) and the outlet piece (3). One shut-off element (17, 18) each is arranged in the inlet piece (2) and the outlet piece (3) respectively. The shut-off elements (17, 18) are axially movable to vary the

The invention relates to a fitting (28) for changing liquid paths, in particular for systems having a pressure exchanger (29). The

size of flow openings.

No. of Pages: 32 No. of Claims: 11

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: HYDRAULIC DRIVE DEVICE FOR WORKING MACHINE

(51) International classification: F15B11/00,E02F9/22,F15B11/02 (71)Name of Applicant:

(31) Priority Document No :2011-112626 (32) Priority Date :19/05/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/062660

:17/05/2012 Filing Date

(87) International Publication :WO 2012/157705

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

(62) Divisional to Application :NA Number

:NA

:NA Filing Date

1) Hitachi Construction Machinery Co., Ltd.

Address of Applicant :5-1, Koraku 2-chome, Bunkvo-ku

Tokyo 112-8563 Japan

(72)Name of Inventor: 1)NAKAMURA Tsuvoshi

2)NAKAMURA Kazunori

3)OKANO Yasuo 4)ISHIKAWA Kouii 5)SATO Kensuke 6)AZUMA Hiroyuki

7)KANEHAMA Mitsuhiko

8)KAJITA Yusuke

(57) Abstract:

[Problem] A hydraulic drive device enables combined boom raising and arm crowding operation without providing a throttle and also enables arm crowding operation in the same manner as in the case where a recovery circuit having a throttle is provided. [Solution] This hydraulic drive device for a hydraulic shovel comprises: a first hydraulic pump (11); a directional control valve (19) for a first boom and a directional control valve (18) for a second arm which are connected in parallel to the first hydraulic pump (11); a second hydraulic pump (12); a directional control valve (22) for a second boom and a directional control valve (23) for a first arm which are connected in parallel to the second hydraulic pump (12). The hydraulic drive device also comprises: a third hydraulic pump (13); a directional control valve (33) for a third boom, connected to the third hydraulic pump (13) and controlling the flow of pressurized oil supplied to a boom cylinder (7); and a directional control valve (34) for a third arm, connected in tandem to the directional control valve (33) for the third boom and controlling the flow of pressurized oil supplied to an arm cylinder (8).

No. of Pages: 86 No. of Claims: 22

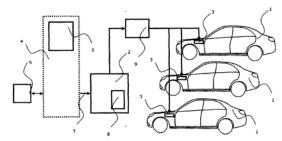
(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SYSTEM FOR DIAGNOSING FAULTS OF A COMPONENT IN A VEHICLE

(51) International classification	:G06F11/22	(71)Name of Applicant:
(31) Priority Document No	:10 2011 100 106.2	1)DAIMLER AG
(32) Priority Date	:30/04/2011	Address of Applicant :Mercedesstrasse 137, 70327 Stuttgart,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/006362	(72)Name of Inventor:
Filing Date	:16/12/2011	1)Thomas HAAP
(87) International Publication No	:WO 2012/149951	2)Ralf TRAUB
(61) Patent of Addition to Application	:NA	3)Gerald GRAU
Number	:NA	4)Carsten KREBS
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for diagnosing faults of a component of a vehicle (1), in particular of a motor vehicle (1), comprising a server (2) which is set up and provided to make available at least one test sequence (21) for diagnosing faults of the component and at least one execution parameter assigned to the test sequence (21), and further comprising a diagnostic device (3) which is set up and provided to receive the at least one test sequence (21) and the at least one execution parameter and to convert same into a run-time script and to execute said script in accordance with the execution parameters. According to the invention, a script generation device (4) is provided which is designed to generate the test sequences as an OTX script or an ETX script.



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

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD FOR MAINTAINING TIME ADVANCE TIMER, BASE STATION AND TERMINAL EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/04/2011 :WO 2012/142759 :NA :NA	(71)Name of Applicant: 1)FUJITSU LIMITED Address of Applicant:1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, JAPAN (72)Name of Inventor: 1)Yanling LU 2)Haibo XU 3)Weiwei WANG
Filing Date	:NA	

(57) Abstract:

A method, base station and terminal device for maintaining a time alignment timer are provided in the embodiments of the present invention. Said method includes: the base station judges whether the bands to be performed uplink adjustment only include the bands of the primary cell; if only include the bands of the primary cell, the base station sends a timing advance command to the bands of the primary cell, to make the time alignment timer corresponding to the bands of the primary cell to restart. The effects of the present embodiments of the present invention are to make the time alignment timer of the bands of the primary cell to expire ultimately by the processing of the base station or terminal device to the time alignment timer, and thus avoiding the termination of the communications as the time alignment timer corresponding to the bands of the primary cell expires in advance.

No. of Pages: 37 No. of Claims: 26

(22) Date of filing of Application :08/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TIME WARPED MODIFIED TRANSFORM CODING OF AUDIO SIGNALS

(51) International classification	:G10L 19/00	(71)Name of Applicant :
(31) Priority Document No	:60/733,512	1)DOLBY INTERNATIONAL AB
(32) Priority Date	:03/11/2005	Address of Applicant :APOLLO BUILDING, 3E
(33) Name of priority country	:U.S.A.	HERIKERBERGWEG 1-35, 1101 CN, AMSTERDAM ZUID-
(86) International Application No	:PCT/EP2006/010246	OOST, THE NETHERLANDS
Filing Date	:24/10/2006	(72)Name of Inventor:
(87) International Publication No	:WO/2007/051548	1)VILLEMOES, LARS
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:NA :NA :1702/KOLNP/2008 :28/04/2008	

(57) Abstract:

A spectral representation of an audio signal having consecutive audio frames can be derived more efficiently, when a common time warp is estimated for any two neighbouring frames, such that a following block transform can additionally use the warp information. Thus, window functions required for successful application of an overlap and add procedure during reconstruction can be derived and applied, the window functions already anticipating the re-sampling of the signal due to the time warping. Therefore, the increased efficiency of block-based transform coding of time- warped signals can be used without introducing audible discontinuities.

No. of Pages: 64 No. of Claims: 37

(22) Date of filing of Application :25/11/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: APPARATUS AND METHOD FOR DEFINING PHYSICAL CHANNEL TRANSMIT/RECEIVE TIMINGS AND RESOURCE ALLOCATION IN TDD COMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION

(51) International classification :H04J11/00.H04B7/26.H04L1/18 (71)Name of Applicant:

:PCT/KR2012/004298

(31) Priority Document No :10-2011-0051990 (32) Priority Date :31/05/2011 (33) Name of priority country :Republic of Korea

(86) International Application

No

:31/05/2012 Filing Date

(87) International Publication No:WO 2012/165875

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SAMSUNG ELECTRONICS CO. LTD.

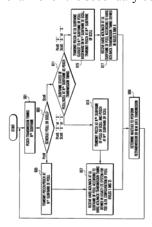
Address of Applicant: 129, Samsung-ro, Yeongtong-gu,

Suwon-si, Gyeonggi-do, 443-742 Republic of korea

(72)Name of Inventor: 1)KIM Young Bum 2)CHOI Seung Hoon 3)CHO Joon Young 4)JI Hyoung Ju

(57) Abstract:

A method of defining physical channel transmit/receiving timings and resource allocation is provided for use in a Time Division Duplex (TDD) communication system supporting carrier aggregation. A method for receiving, at a base station, a Hybrid Automatic Repeat Request (HARO) acknowledgement from a terminal in a Time Division Duplex (TDD) system supporting carrier aggregation of a primary cell and at least one secondary cell includes transmitting a downlink physical channel through one of the primary and secondary cells, receiving the HARQ acknowledgement corresponding to the downlink physical channel of the primary cell at a first timing predetermined for the primary cell, and receiving the HARQ acknowledgement corresponding to the downlink physical channel of the secondary cell at second timing, wherein the second timing is determined according to the first timing.



No. of Pages: 51 No. of Claims: 14

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : METHOD OF TREATING LYMPHOMA USING PYRIDOPYRIMIDINONE INHIBITORS OF PI3K/MTOR

(51) International classification :A61K31/00,A61K31/519,A61P35/02

(31) Priority Document No :61/480,991

(32) Priority Date :29/04/2011

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

country

(86) International :PCT/US2012/035442

Application No
Filing Date

1 C1/03201
:27/04/2012

(87) International

Publication No :WO 2012/149308

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

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

(71)Name of Applicant : 1)EXELIXIS, INC.

Address of Applicant :210 East Grand Avenue, South San

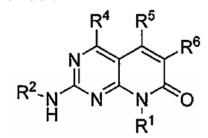
Francisco, CA 94080 U.S.A.

2)SANOFI

(72)Name of Inventor: 1)DECILLIS, Arthur 2)LAGER, Joanne 3)ZAKS, Tal

(57) Abstract:

The invention provides a method for treating cancers including hematologic malignancies comprising administering a compound of formula I.



No. of Pages: 83 No. of Claims: 26

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR SUPPORTING SYNCHRONOYS HARQ TRANSMISSION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	201110111627.0 22/04/2011 China	 (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)Yingyang LI 2)Chengjun SUN
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(57) Abstract:

A method and apparatus for supporting synchronous Hybrid Automatic Repeat reQuest (HARQ) transmission of Uplink are disclosed. When uplink/downlink configurations of multiple CA cellsrrier Aggregation (CA) are different, by configuring the HARQ transmission timing relations of primary cell and secondary cell, it is guaranteed that, with cross-carrier scheduling, the timing relation between a transmission of PUSCH in the Pcell and subsequent retransmission of PUSCH in the Scell is the same as that in Long Term Evolution (LTE) and LTE Advanced (LTE-A).

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

(21) Application No.3411/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/11/2013 (43)

(43) Publication Date : 14/02/2014

(54) Title of the invention: LOADING DEVICES AND METHODS OF LOADING PIPE FUSION MACHINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16L1/09 :13/212,251 :18/08/2011 :U.S.A. :PCT/US2011/052444 :21/09/2011 :WO 2013/025226 :NA :NA	(71)Name of Applicant: 1)FAST FUSION, LLC Address of Applicant: Post Office Box 158 Palisade, COLORADO 81526, U.S.A. (72)Name of Inventor: 1)MCKINLEY, Richard, S.
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A loading device (100) for lifting an elongated object having an elongate axis includes a frame (102) having a first fulcrum surface (106) and a second fulcrum surface (107), a first effector arm (110) that pivots about the first fulcrum surface, a second effector arm (120) that pivots about the second fulcrum surface, and an actuator (108) moving the first effector arm and the second effector arm between a retracted position and a deployed position.

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

(21) Application No.3413/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 21/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: HYDANTOIN DERIVATES AS KV3 INHIBITORS

(51) International :C07D405/14,C07D401/04,C07D403/04 classification

(31) Priority Document :1109514.8

(32) Priority Date :07/06/2011

(33) Name of priority :U.K.

country

(86) International :PCT/GB2012/051278 Application No

:07/06/2012 Filing Date

(87) International :WO 2012/168710 **Publication No**

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

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

(71)Name of Applicant:

1)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

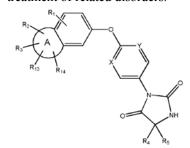
2)DECOR, Anne

3)HAMPRECHT, Dieter

4)MARASCO, Agostino

(57) Abstract:

The invention provides compounds of formula (I): Said compounds being inhibitors of Kv3 channels and of use in the prophylaxis or treatment of related disorders.



No. of Pages: 129 No. of Claims: 41

(21) Application No.3415/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONNECTING DEVICE FOR JOINING ADJACENT PRE-CAST CONCRETE SECTIONS AND METHOD FOR JOINING A FIRST AND A SECOND PRE-CAST CONCRETE SECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:E04B1/41,E04G21/12,E04B2/00 :20115624 :20/06/2011 :Finland :PCT/FI2012/050635 :19/06/2012	(71)Name of Applicant: 1)PEIKKO GROUP OY Address of Applicant: Voimakatu 3, FI-15170 Lahti Finland (72)Name of Inventor: 1)SUUR-ASKOLA, Petri 2)GENTIL, Hugo
Filing Date (87) International Publication No	:WO 2012/175802	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a connecting device (1, 1a, 1b) for joining adjacent pre-cast concrete sections (2, 2a, 2b) and to a method for joining a first pre-cast concrete section (2a) and a second pre-cast concrete section (2b). The connecting device (1, 1a, 1b) comprises a cable loop (3, 3a, 3b), which has a loop section (5, 5a, 5b) that is to be anchored to a reinforcement rod (6), wherein the reinforcement rod (6) is situated in a spacing (7) that is formed between two or more adjacent pre-cast concrete sections (2, 2a, 2b). The loop section (5, 5a, 5b) is also configured to be anchored to concrete (8) to be cast in the spacing (7). The loop section (5, 5a, 5b) being provided with an anchoring element (9) for increasing the contact area between the loop section (5, 5a, 5b) and concrete (8).

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

(21) Application No.3416/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : USE OF ANTI-CD19 MAYTANSINOID IMMUNOCONJUGATE ANTIBODY FOR THE TREATMENT OF B-CELL MALIGNANCIES SYMPTOMS

(51) International classification	·C07K16/28 A61K47/48	(71)Name of Applicant:
(31) Priority Document No	:11290232.5	1)SANOFI
(32) Priority Date	:17/05/2011	Address of Applicant :54, rue La Boétie, F-75008 Paris France
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/059141	1)MORARIU, Rodica
Filing Date	:16/05/2012	
(87) International Publication No	:WO 2012/156455	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An anti CD19 maytansinoid immunoconjugate is used for treating B-cell malignancies symptom, in particular Non-Hodgkins lymphoma.

No. of Pages: 32 No. of Claims: 44

(21) Application No.3417/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING FEXOFENADINE

(51) International :A61K9/48,A61K47/10,A61K31/4545 classification

(31) Priority Document No :1727/CHE/2011 (32) Priority Date :20/05/2011

(33) Name of priority

:India country

(86) International :PCT/EP2012/059147

Application No :16/05/2012 Filing Date

(87) International

:WO 2012/159960 Publication No

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

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

(71)Name of Applicant:

1)AVENTIS PHARMACEUTICALS INC.

Address of Applicant: 55 Corporate Drive, Bridgewater, NJ

08807 U.S.A.

(72)Name of Inventor:

1)BADABHAGNI, Sudhakara Rao

2)JAISWAL, Nilesh 3)KHULLAR, Praveen 4)PRASAD, Kum

(57) Abstract:

The present invention relates to a pharmaceutical formulation of fexofenadine hydrochloride in a solvent system suitable as a liquid fill composition. In another aspect, the invention also relates to a process for the preparation of the said pharmaceutical formulation and the use of said composition for the preparation of a drug for the treatment of allergic reactions in a patient.

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

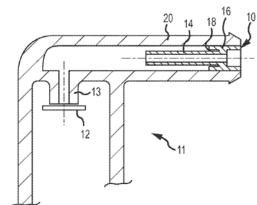
(22) Date of filing of Application :28/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID TRAP FOR FUEL VAPOR VALVE

(51) International classification	:F02M25/08,B60K15/035	(71)Name of Applicant :
(31) Priority Document No	:13/114,157	1)EATON CORPORATION
(32) Priority Date	:24/05/2011	Address of Applicant:1111 Superior Avenue, Cleveland, OH
(33) Name of priority country	:U.S.A.	44114-2584, U.S.A.
(86) International Application No	:PCT/US2012/039419	(72)Name of Inventor:
Filing Date	:24/05/2012	1)BELANGER, Peter, G.
(87) International Publication No	:WO 2012/162539	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An insert for a fuel vapor valve traps liquid fuel and prevent the fuel from leaking out of the valve. The insert includes a tube and a skirt disposed around the tube. The skirt seals against a portion of the fuel vapor valve, such as against an inner wall of a valve port or on a top portion of the valve to act as a valve cap. The tube and the skirt cooperate with the fuel vapor valve to form a reservoir that traps fuel.



No. of Pages: 11 No. of Claims: 12

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSMISSION UNIT WITH PLANETARY GEARING SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:10 2011 050 447.8	1)BETTIN, Karsten
(32) Priority Date	:18/05/2011	Address of Applicant :Koblenzer Straße 5, 30173 Hannover
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/DE2012/100126	(72)Name of Inventor:
Filing Date	:06/05/2012	1)BETTIN, Karsten
(87) International Publication No	:WO 2012/155895	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a transmission unit with a planetary gearing system, optionally for bicycles or for trailer bicycles. The transmission unit, which is developed for driving small rear wheels, contains a planetary gearing system with a ring gear (7) which is connected to the bicycle frame (9), a planet carrier (3b) with planet gears (6a, 6b), and one or two sun gears (10, 11). The transmission unit further contains a rear wheel shaft (12) which is coaxial with respect to the sun gears or a rear wheel shaft which has the aforementioned sun gear, and the transmission unit contains a driving mechanism (3) which is coupled to the planet carrier or a driving mechanism (3) which is designed as a planet carrier (3b). The invention is characterized in that a bearing (35) internally bears the rear wheel shaft (12) with respect to the bicycle frame (9) from a radial perspective and between the seat of the rear wheel (40) and the planetary gearing system from an axial perspective, wherein the planetary gearing system and an upstream gear unit, for example a chain drive (1, 2), lie on the same side of the bicycle frame. Thus, upstream belt drives, short distances between the rear wheel and the bottom bracket, and single-arm suspensions in the bicycle frame can be implemented. The transmission unit provides one or two gear ratios.

No. of Pages: 58 No. of Claims: 50

(21) Application No.3457/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRANSMISSION SYSTEM

(51) International classification	:F16D11/10,F16H3/00	(71)Name of Applicant:
(31) Priority Document No	:1109100.6	1)ZEROSHIFT TRANSMISSIONS LIMITED
(32) Priority Date	:27/05/2011	Address of Applicant :Lakeside Shirwell Crescent Furzton
(33) Name of priority country	:U.K.	Milton Keynes, Buckinghamshire MK4 1GA U.K.
(86) International Application No	:PCT/GB2012/000465	(72)Name of Inventor:
Filing Date	:25/05/2012	1)MARTIN, William Wesley
(87) International Publication No	:WO 2012/164237	2)QUINN, Richard Neil
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A transmission system including a first input shaft (1) that is arranged to receive drive directly from a drive source (80), and a second input shaft (3) that is arranged to receive drive from the drive source via a drive interruption means (86), such as a friction clutch device, a first gear element (15) rotatable relative to the first input shaft (1) and a selector assembly (29) for selectively locking the first gear element (15) for rotation with the first input shaft (1) from operational modes that include the following modes: lock the gear element for rotation with the first input shaft in forward and reverse torque directions, lock the gear element for rotation with the first input shaft in the forward torque direction and not lock in the reverse torque direction. A method of performing a power on down shift is also provided.

No. of Pages: 65 No. of Claims: 43

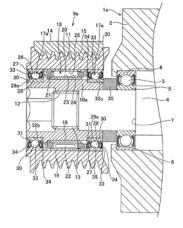
(22) Date of filing of Application :26/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ROTATING MACHINE WITH PULLEY AND BUILT-IN ONE-WAY CLUTCH

(51) International classification	:F16H55/36,F16D41/06	(71)Name of Applicant :
(31) Priority Document No	:2011-257159	1)NSK LTD.
(32) Priority Date	:25/11/2011	Address of Applicant :6-3, Ohsaki 1-chome, Shinagawa-ku,
(33) Name of priority country	:Japan	Tokyo 1418560 JAPAN
(86) International Application No	:PCT/JP2012/080360	(72)Name of Inventor:
Filing Date	:22/11/2012	1)OGUSHI, Keisuke
(87) International Publication No	:WO 2013/077422	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention achieves a structure designed to reduce manufacturing cost when the axial position of a pulley device (9a) with a built-in one-way clutch with respect to a rotating machine (1a) differs. Placing a circular spacer (35) between an end face of the sleeve (10a) of a pulley device (9a) with a built in one way clutch and the end face of a support bearing (3) in the structure for supporting and fixing the sleeve (10a) on the rotation shaft (4) of a housing (2) allows positioning, in the axial direction, of the pulley device (9a) with the built-in one-way clutch with respect to the rotating machine (1a) without changing the length of the sleeve for each car type.



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

(21) Application No.3389/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention : METHOD FOR REDUCING THE BIOLOGICAL CONTAMINATION IN A PAPER PRODUCTION PROCEDURE

(51) International classification	:C02F1/50,C02F1/76,D21H21/04	(71)Name of Applicant :
(31) Priority Document No	:MI 2011A 001037	1)ACQUAFLEX S.R.L.
(32) Priority Date	:09/06/2011	Address of Applicant :Via Varese, 31 I-20010 Cornaredo
(33) Name of priority country	:Italy	(MI), ITALY
(86) International Application	:PCT/EP2011/065857	(72)Name of Inventor:
No	:13/09/2011	1)BRATUS, Riccardo
Filing Date	.13/09/2011	2)BAGGIO, Verbena
(87) International Publication No	:WO 2012/167845	
(61) Patent of Addition to		
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method for reducing the biological contamination in water of a system for the production of paper and/or wood pulp characterized in that it comprises the step of adding, in at least a wet end of said system, a bromine-based oxidant obtainable by mixing sodium hypochlorite with a composition comprising 5,5-dimethylimidazolidin- 2,4-dione, an alkaline bromine salt and other acceptable ingredients.

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

(21) Application No.3390/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date: 14/02/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:04/07/2012 :WO 2013/004731	(71)Name of Applicant: 1)AKER ENGINEERING & TECHNOLOGY AS Address of Applicant: P.O.Box 222, NO-1326 Lysaker, NORWAY (72)Name of Inventor: 1)BADE, Otto Morten 2)WOODHOUSE, Simon 3)GORSET, Oddvar
(87) International Publication No	:WO 2013/004731	2)WOODHOUSE, Simon
Number Filing Date	:NA :NA	4)ANDERSSON, Vibeke
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for capturing CO2 from a CO2 containing gas (1), such as en exhaust gas from a thermal power plant fired on carbonaceous fuel, or any other CO2 containing industrial gas, where CO2 is captured from the gas by causing the gas to flow counter current to a CO2 absorbing solvent introduced into a CO2 absorption section (3) in an absorber (2) so that CO2 present in the gas is absorbed by the CO2 absorbing solvent to form a CO2 rich solvent (5), where CO2 rich solvent is collected on the bottom of the of the absorption column and withdrawn for regeneration, and where the treated exhaust gas (8) is released to the atmosphere after being subjected to one or more washing step(s) (6,7), wherein the temperature of the CO2 absorbing solvent (4) introduced into the CO2 absorption section has a temperature that is less than 5°C lower than the maximum temperature in the absorption section of the absorber, is described.

No. of Pages: 22 No. of Claims: 5

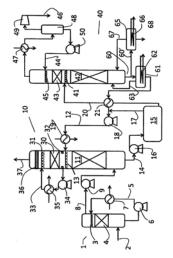
(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: AN AMINE ABSORBENT AND A METHOD FOR CO2 CAPTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:27/06/2012 :WO 2013/000953 :NA	(71)Name of Applicant: 1)AKER ENGINEERING & TECHNOLOGY AS Address of Applicant: P.O.Box 222, NO-1326 Lysaker, NORWAY (72)Name of Inventor: 1)SVENDSEN, Hallvard F. 2)TROLLEB, Anastasia A.
· /	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A liquid, aqueous CO2 absorbent comprising two or more amine compounds, where the aqueous solution of amines having absorbed CO2 is not, or only partly miscible with an aqueous solution of amines not having absorbed CO2, where at least one of the amines is a tertiary amine, and where at least one of the amines is a primary and/or a secondary amine, wherein the tertiary amine is DEEA and the primary and/or secondary amine(s) is (are) selected from DAB, DAP, DiAP, DMPDA, HEP, or the tertiary amine is DIPAE, or N-TBDEA and primary and/or secondary amine(s) is (are) selected from DAB, DAP, DiAP, DMPDA, HEP, MAPA, and MEA, and a method for CO2 capture using the CO2 absorbent, are described.



No. of Pages: 29 No. of Claims: 8

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: ELECTRO-MECHANICAL DRIVE-UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/570,669 :09/08/2012 :U.S.A. :NA :NA : NA : NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electro-mechanical drive-unit includes an input member, an output member, a drive-unit housing, and a gearing arrangement operatively connected to each of the output and input members. The drive-unit also includes a pump for circulating pressurized fluid andan electric motor. The electric motor includes a rotor connected to the gearing arrangement, a stator fixed relative to the drive-unit housing and having wire windings, and a motor housing configured to retain the rotor and the stator. The drive-unit also includes a fluid cavity between the drive-unit housing and the motor housing configured to receive the pressurized fluid. The drive-unit housing defines a passage in fluid communication with the fluid cavity. The drive-unit also includes a fastener having a head and a shank. The fastener is secured within the passage to facilitate discharging the fluid from under the fastener head onto the wire windings for cooling and/or lubrication thereof.

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

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR ONLINE DETERMINATION OF CURE STATUS OF GLASS FIBER PRODUCTS

(31) Priority Document No :13/089,457 (32) Priority Date :19/04/2011	(71)Name of Applicant: 1)OWENS CORNING INTELLECTUAL CAPITAL, LLC Address of Applicant: ONE OWENS CORNING PARKWAY, TOLEDO, OH 43659, U.S.A. (72)Name of Inventor: 1)YOUSEF, SAMER, T. 2)PIETRO, MICHAEL, D. 3)LI, WEI 4)CARPINO, ELAINA, M.
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(57) Abstract:

A method for assessing the cure status of a fibrous blanket manufactured with mineral fibers and binder is disclosed and comprises a using an online optical reflectance measurement as an assessment of cure status. The optical reflectance measurement may preferably be a color image taken of any surface, and in particular of a sectioned face, after which the image is optionally divided into multiple regions of interest (ROI) and analyzed for a color system variable that is representative of cure status. In some embodiments, the color system variable is the B value. Alternatively, the optical reflectance measurement may be UV or IR reflectance of a sectioned face. When two or more regions of interest are defined on a sectioned face, comparative information is valuable to assess cure at different levels, layers or portions of the interior of the fibrous product.

No. of Pages: 32 No. of Claims: 30

(22) Date of filing of Application :29/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT COMPLEMENT ACTIVATION

(51) International classification :A61K39/395,C12N15/11 (71)Name of Applicant : (31) Priority Document No :61/473.698

(32) Priority Date :08/04/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/032650

Filing Date :06/04/2012

(87) International Publication No :WO 2012/139081 (61) Patent of Addition to Application

:NA Number :NA Filing Date

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

1)UNIVERSITY OF LEICESTER

Address of Applicant : University Road, Leicester,

Leicestershire LE1 7RH U.K.

2)OMEROS CORPORATION

(72)Name of Inventor:

1) DEMOPULOS, Gregory A.

2)DUDLER, Tom

3)SCHWAEBLE, Hans-Wilhelm

(57) Abstract:

In one aspect, the invention provides methods of inhibiting the effects of MASP-2-dependent complement activation in a living subject. The methods comprise the step of administering to a subject in need thereof, an amount of a MASP-2 inhibitory agent effective to Inhibit MASP-2- dependent complement activation. In some embodiments, the MASP-2 inhibitory agent inhibits cellular injury associated with MASP-2- rnediated alternative complement pathway activation, while leaving the classical (Clq- dependent) pathway component of the immune system Intact. In another aspect, the invention provides compositions for inhibiting the effects of lectin-dependent complement activation, comprising a therapeutically effective amount of a MASP-2 inhibitory agent and a pharmaceutically acceptable carrier.

No. of Pages: 274 No. of Claims: 85

(22) Date of filing of Application :30/10/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: ELECTRODE STACKING DEVICE AND ELECTRODE STACKING METHOD

(51) International :H01M10/0585,G01B11/00,H01M2/16 classification

(31) Priority Document No :2011-085758 (32) Priority Date :07/04/2011 (33) Name of priority :Japan

country

(86) International :PCT/JP2012/059534 Application No

:06/04/2012 Filing Date

(87) International :WO 2012/137926

:NA

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

Publication No

Application Number Filing Date

(71)Name of Applicant:

1)NISSAN MOTOR CO., LTD.

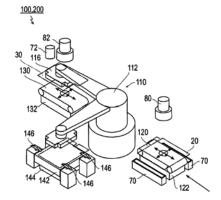
Address of Applicant :2, Takara-cho, Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023 Japan

(72)Name of Inventor: 1)ARAMAKI Isao 2)NODA Keisuke

(57) Abstract:

An electrode stacking device that has: a detection means (200) that detects the position of a positive electrode (24) as a first electrode, for a bagged electrode wherein the positive electrode (24) as the first electrode is arranged inside a separator (40) formed in a bag shape; and stacking means (112, 122) that stack the positive electrode (24) as the first electrode on a negative electrode (30) as a second electrode having a different polarity to the positive electrode (24) as the first electrode, on the basis of the detected position of the positive electrode (24) as the first electrode.



No. of Pages: 58 No. of Claims: 19

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD AND APPARATUS FOR HEATING STEEL SHEET

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (38/07/2011 Suppan Support Supp	ntor : nichi
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(57) Abstract:

Provided is a method for heating the steel plate that allows the prevention of drawing that occurs despite the presence of a roll constricting the steel plate, wherein a continuously fed steel plate is rapidly heated using a solenoid-type induction heating coil or the like, the coil having a protruding shape on the upstream side that is projected on the surface of the steel plate. The center width portion of the steel plate is heated first, and during heating the isotherm of the steel plate takes on a protruding shape on the upstream side, generating a single large wrinkle on the steel plate. Also provided is a heating apparatus used in the method.

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

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SATOR WELD JOINTS AND METHODS OF FORMING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:13/570,331 :09/08/2012	·
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)URBAN J. DE SOUZA

(57) Abstract:

A method of forming a weld joint includes removing a portion of an insulator from a first core of a first magnet wire and a second core of a second magnet wire so that the first wire has a first heat affectable zone and a first insulator portion adjacent the first zone, and the second wire has a second heat affectable zone and a second insulator portion adjacent the second zone. The first and second insulator portions include the insulator disposed on the first and second cores, respectively. The first and second zones have a first and second distal end spaced apart from the first and second insulator portions, respectively. The method includes welding together only the first end and the second end to form the weld joint, wherein welding does not transfer heat to the first and second insulator portions sufficient to burn the insulator.

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

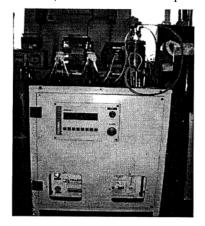
(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: A PROCESS FOR PRE-TREATING COKE OVEN EFFLUENT USING SONICATION AND A SYSTEM FOR CARRYING OUT SUCH PROCESS.

(51) International classification	:C02F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(86) International Application No	:NA	Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MITRA MAZUMDER SUBHAJIT
(61) Patent of Addition to Application Number	:NA	2)SATYA PRAKASH
Filing Date	:NA	3)OJHA KAMAL DEO
(62) Divisional to Application Number	:NA	4)SINGH SATYENDRA NARAYAN
Filing Date	:NA	5)CHOUBEY MUKTESHWAR

(57) Abstract:

The present invention is directed to a process for pre-treatment of coke oven effluent using sonication of reaction solution adapted to reduce/ eliminate the toxicity level, along with associated recalcitrance of the wastewater. Importantly, sonication of coke oven effluent is carried out using an ultrasonic generator and ultrasonic transducer of 100W power and frequency of 40kHz at a temperature in the range of 35-40°C maintaining pH level of 8.3-8.7 of influent/reaction solution. Advantageously, the sonic process for treatment of effluent generated from coke making can reduce recalcitrance without needing recurrent consumables. The system and method of the pre-treatment is capable of achieving under optimal operating conditions 50% degradation in cyanide level and 25% degradation in COD level. The process favours oxidation of target radical without dosing of any conventional chemical or coagulant making it a cost effective, reliable and efficient process for coke oven wastewater pre-treatment with the possibility of wide application in industry.



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

(21) Application No.3188/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: HYPOALLERGEN

(51) International

:C12N15/29,C07K14/415,A61K39/36

classification

(31) Priority Document No :20115374 (32) Priority Date :18/04/2011

(33) Name of priority

:Finland

:NA

:NA

:WO 2012/143374

country

(86) International :PCT/EP2012/057046

Application No

Filing Date :18/04/2012

(87) International

Publication No

(61) Patent of Addition to

Application Number :NA

Filing Date (62) Divisional to

(62) Divisional to
Application Number
Filing Date

(71)Name of Applicant:

1)TEKNOLOGIAN TUTKIMUSKESKUS VTT

Address of Applicant: Vuorimiehentie 3, FI-02150 Espoo

FINLAND

(72)Name of Inventor:

1)TAKKINEN, Kristiina

2)LAUKKANEN, Marja-Leena

3)SÖDERLUND, Hans

4)JYLHÄ, Sirpa

5)HOLKERI, Heidi

6)NIEMI, Merja

7)JÄNIS, Janne

8)ROUVINEN, Juha

(57) Abstract:

The present invention provides mutant polypeptides useful as hypoallergens. More specifically the present invention provides mutant Bet v 1 proteins and the use of such polypeptides as hypoallergens for desensitizing against birch pollen allergies. Furthermore, the invention provides vaccine formulations comprising such polypeptides; the use of such formulations; and to methods of vaccination against birch pollen allergy.

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

(21) Application No.3189/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention: PNEUMATIC TIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C5/14 :2011-108477 :13/05/2011 :Japan :PCT/JP2012/055688 :06/03/2012 :WO 2012/157322 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO RUBBER INDUSTRIES, LTD. Address of Applicant:6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN (72)Name of Inventor: 1)IIZUKA, Toru
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(57) Abstract:

A pneumatic tire is provided with an inner liner which improves the resistance to air permeability, the bending fatigue properties, and the crack resistance. A pneumatic tire is provided with an inner liner inside the tire. The inner liner is characterized in that the inner liner is configured from at least a layer of polymer sheet containing a styrene- isobutylene-styrene triblock copolymer. The average thickness (Gs) of buttress regions (Rs) extending from the positions of the maximum width of the tire to corresponding positions (Lu) at the ends of a belt layer is less than the average thickness (Gb) of bead regions (Rb) extending from the positions of the maximum width of the tire to bead toes.

No. of Pages: 64 No. of Claims: 13

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

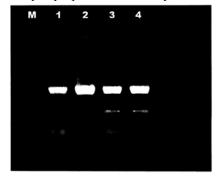
(43) Publication Date: 14/02/2014

(54) Title of the invention : A PRIMER COMPOSITION FOR MOLECULAR SEX TYPING IN PIGS AND METHODOLOGY THEREFOR

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL RESEARCH CENTER ON PIG, UNDER
(32) Priority Date	:NA	INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(33) Name of priority country	:NA	Address of Applicant :RANI (NEAR AIRPORT),
(86) International Application No	:NA	GUWAHATI - 781 131, ASSAM, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAHOO, NIHAR RANJAN
(61) Patent of Addition to Application Number	:NA	2)DAS, ANUBRATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A primer composition for molecular sex typing in pigs, comprising optimally effective proportions of a first ingredient having a first component with a sequence listing of 5- GGG TTG ATG AGG GAA TGA CAG CTC-3 and a second component with sequence listing of 5- TGC AGA ATG GTA GTG CAA ATG GGT T-3 and a second ingredient, having a sequence listing of (a) 5- CAA CTG GGA TTA GAT ACC CCA CTA T-3 and (b) 5- GAG GGT GAC GGG CGG TGT GT-3. The first and second ingredients are mixed in equal proportions with Polymerease Chain Reaction mix.



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

(21) Application No.3418/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: INDUCTION OF IMMUNE TOLERANCE BY USING METHOTREXATE

(51) International classification :A61K31/519,A61K35/00 (71)Name of Applicant :

(31) Priority Document No :61/486,697 (32) Priority Date :16/05/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/036405 Filing Date :03/05/2012

(87) International Publication No :WO 2012/158362 (61) Patent of Addition to Application :NA

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

1) GENZYME CORPORATION

Address of Applicant: 500 Kendall Street, Cambridge, MA

02142 U.S.A.

(72)Name of Inventor: 1)JOSEPH, Alexandra 2)RICHARDS, Susan 3) RUZEK, Melanie

4) GARMAN, Richard

(57) Abstract:

The invention provides methods for reducing undesired immune responses, such as anti- drug antibody (ADA) responses and other Tand/or B-cell-mediated immune responses, in patients by using treatment with methotrexate.

No. of Pages: 171 No. of Claims: 53

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR GENERATING A FAULT SIGNAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02H7/045,H02H1/00 :NA :NA :NA :PCT/EP2011/058131 :19/05/2011 :WO 2012/155974 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München GERMANY (72)Name of Inventor: 1)BEJMERT, Daniel 2)REBIZANT, Waldemar 3)SCHIEL, Ludwig 4)WISZNIEWSKI, Andrzej
- 100	:NA :NA :NA	T) WISE CIE WOIL, MINIZEJ

(57) Abstract:

The invention relates, inter alia, to a method for generating a fault signal (ST, STneu) that displays whether an internal transformer fault is present. According to the method, a differential current signal (id) that indicates the difference between the primary current and the secondary current of the transformer, taking into consideration the conversion ratio of the transformer, is ascertained; a plurality of different criteria signals (Kd1h(n), Kd2h(n), Kdcoff(n), D1d(n), Kdcon(n), D2d(n)) are generated using the differential current signal; at least two individual fuzzy matching functions (μ L, μ H, μ M) are assigned to each criteria signal; and the fuzzy matching functions are analyzed, thereby generating the fault signal (STneu).

No. of Pages: 50 No. of Claims: 9

(21) Application No.3380/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: COMPOSITIONS CONTAINING RESVERATROL AND ESSENTIAL OIL OF CLOVES FOR THE TREATMENT OF ITCHING

(51) International (71)Name of Applicant: :A61K31/05,A61K45/06,A61K36/61 classification 1)DIFASS INTERNATIONAL S.R.L. (31) Priority Document No :MI2011A000887 Address of Applicant: Via delle Fonti di Mezzana, 7, I-59100 (32) Priority Date :19/05/2011 Prato (PO) ITALY (33) Name of priority (72)Name of Inventor: :Italy country 1)AGOSTINI, Alida (86) International 2)BALZI, Sonia :PCT/EP2012/058647 Application No :10/05/2012 Filing Date (87) International :WO 2012/156275 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention relates to a patch or sticking plaster formulation containing a combination of resveratrol or derivatives thereof and essential oil of cloves (Eugenia caryophyllata) for the treatment of itching.

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

(21) Application No.3381/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SELF-BRAKING DESCENDER WITH PANIC FUNCTION

(51) International :A63B29/00,A63B29/02,A62B1/14 classification

(31) Priority Document No :P201130800 (32) Priority Date :18/05/2011

(33) Name of priority country: Spain

(86) International Application :PCT/ES2012/070301

:30/04/2012 Filing Date

(87) International Publication

:WO 2012/156556 No

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

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

(71)Name of Applicant:

1)PROTECTTION PROTECCION TECNICA, S.L. Address of Applicant :Bizkerre 10-6°A, ES-48991 Getxo,

(72)Name of Inventor:

1)DE MIGUEL VALIENTE, Pablo Luis

(57) Abstract:

The invention relates to a self braking descender having a panic function, said descender being formed by a body (1) including a channel through which a cord (24) extends in both directions. One end of the body (1) is provided with an actuation lever (2) formed by: two projecting sides (16), a solidly connected appendage (11) and a friction hole (3) through which the cord (24) also extends, and the lever (2) can be folded onto the body (1). The other end of the body is provided with a head (5) formed by a preferably semi circular part including two projections (20) and a rear cam (9) with toothing (7) in order to increase the friction in the panic position. The invention also includes an assist element for controlling the sliding of the cord (24).

No. of Pages: 18 No. of Claims: 10

(21) Application No.3375/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME

(51) International :H01L29/78,H01L21/336,H01L27/04 classification (31) Priority Document No :2011-092962 (32) Priority Date :19/04/2011 (33) Name of priority :Japan country (86) International :PCT/JP2012/054622 Application No :24/02/2012

Filing Date

(87) International

:WO 2012/144271 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku

Yokohama-shi, Kanagawa 221-0023 Japan

(72)Name of Inventor: 1)YAMAGAMI Shigeharu 2)HAYASHI Tetsuya 3)SHIMOMURA Taku

(57) Abstract:

A semiconductor device is configured by forming an anode region (106) inside a drift region (102) in the bottom section of or directly below a groove (105) having a gate electrode (108) formed therein forming a contact hole (110) inside the groove (105) to a depth that reaches the anode region (106), implanting a source electrode (112) in the contact hole (110) with an inner wall insulating film (111) therebetween, and electrically connecting the anode region (106) and the source electrode (112) in a state where the anode region (106) and the source electrode (112) are isolated from the insulated gate electrode (108) by the inner wall insulating film (111).

No. of Pages: 37 No. of Claims: 9

(21) Application No.3376/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : MOLECULARLY IMPRINTED POLYMERS FOR TREATING TOBACCO MATERIAL AND FILTERING SMOKE FROM SMOKING ARTICLES

(51) International classification :A24D3/08,A24B3
(31) Priority Document No :13/111,330
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/038349 Filing Date :17/05/2012

(87) International Publication No :WO 2012/158915

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

:A24D3/08,A24B15/24 (71)Name of Applicant :

1)R. J. REYNOLDS TOBACCO COMPANY

Address of Applicant :401 North Main Street, Winston-Salem,

North Carolina 27101-3804, U.S.A. (72)Name of Inventor:

1)BYRD, Crystal Dawn Hege 2)GERARDI Anthony Richard

(57) Abstract:

The invention provides a method of isolating certain target compounds from tobacco, tobacco materials or smoke generated by a smoking article. The method can be used to remove undesirable compounds from tobacco, tobacco materials, or tobacco smoke. The method can also be used to remove flavor compounds from tobacco or tobacco materials, which can then be used as flavor components for tobacco material used in smoking articles and smokeless tobacco compositions.

No. of Pages: 48 No. of Claims: 41

(21) Application No.3377/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: AGGLOMERATION PREVENTABLE SWEETENER COMPOSITION IN WHICH AGGLOMERATION IS PREVENTED, AND METHOD FOR PREPARING SAME

:A23L1/236,A23L1/308 (71)Name of Applicant : (51) International classification (31) Priority Document No :10-2011-0047178 (32) Priority Date :19/05/2011 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2012/003477 Filing Date :03/05/2012 (87) International Publication No :WO 2012/157872

(61) Patent of Addition to Application :NA Number

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)CJ CHEILJEDANG CORPORATION

Address of Applicant :500, Namdaemunro 5-ga, Jung-gu

Seoul 100-749 Republic of Korea

(72)Name of Inventor: 1)KIM, Young Jae

2)PARK, Jung Gyu

3)PARK, Ginny

4)LIM, Chun Son

(57) Abstract:

The present invention relates to an agglomeration-preventablea sweetener composition treated to prevent agglomeration and to a method for preparing same. More particularly, the present invention relates to an agglomeration preventablea sweetener composition treated to prevent agglomeration by coating sweetener powder particles with dietary fiber, and to a method for preparing same.

No. of Pages: 14 No. of Claims: 6

(21) Application No.3379/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHOD FOR CONVERSION OF CELLULOSIC MATERIAL BY ENZYMATIC LIQUEFACTION.

(51) International classification:A23L 1/00(31) Priority Document No:60/700323(32) Priority Date:19/07/2005(33) Name of priority country:U.S.A.

(86) International Application No :PCT/DK2006/000419 Filing Date :19/07/2006

(87) International Publication No : WO/2007/009463

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :433/KOLNP/2008 Filed on :30/01/2008 (71)Name of Applicant :

1)INBICON A/S

Address of Applicant :KRAFTVAERKSVEJ

53.SKAERBAEK DK-7000.FREDERICIA DENMARK

(72)Name of Inventor:

1)HOLM CHRISTENSEN, BØRGE 2)GERLACH, LENA HOLM

(57) Abstract:

A method for conversion of a cellulosic material, comprising an enzymatic liquefaction of said cellulosic material, said method comprising the steps of conveyance of cellulosic material through at least one pressurized hydrothermal pretreatment reactor, followed by pressing to create a fibre fraction and a liquid fraction, application of enzymes to the fibre fraction to create an enzyme-loaded fibre fraction, followed by mixing of the enzyme-loaded fibre fraction to provide liquefied material; followed by submersion of enzyme-loaded fibre fraction into the liquefied material.

No. of Pages: 40 No. of Claims: 15

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention : IMAGE-PROCESSOR-CONTROLLED MISALIGNMENT-REDUCTION FOR OPHTHALMIC SYSTEMS

(51) International classification :A61B3/13,G02E (31) Priority Document No :13/098,586 (32) Priority Date :02/05/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/035927

Filing Date :01/05/2012 (87) International Publication No :WO 2012/151172

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

:A61B3/13,G02B7/00,A61B3/00 (71)Name of Applicant :

1)ALCON LENSX, INC.

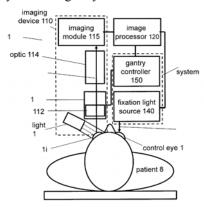
Address of Applicant :33 Journey, Suite 175, Aliso Viejo,

California 92656 U.S.A. (72)**Name of Inventor:**

1)JUHASZ, Tibor 2)RAKSI, Ferenc 3)HOLLAND, Guy

(57) Abstract:

An ophthalmic system is provided that includes an ophthalmic imaging device to generate an image of a portion of an imaged eye of a patient, an image processor to determine a misalignment of the imaged eye and the imaging device by processing the generated image, and to generate a control signal according to the determined misalignment, and a misalignment- reduction system to receive the control signal, and to generate a misalignment-reduction response. The misalignment-reduction system can include a fixation light system or a gantry. In some cases a locator light system may provide additional alignment information for the image processor.



No. of Pages: 73 No. of Claims: 46

(21) Application No.3366/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: QUANTITATIVE PHASE MEASUREMENT APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G02B21/00 :NA :NA :NA :PCT/JP2011/007193 :22/12/2011 :WO 2013/093975 :NA :NA	(71)Name of Applicant: 1)SEKISUI INTEGRATED RESEARCH INC. Address of Applicant: 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto, 6018105 JAPAN (72)Name of Inventor: 1)YAMAMOTO, Kazuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a small-sized quantitative phase measurement apparatus. The quantitative phase measurement apparatus 1 includes a reflective polarization splitting element 17. The reflective polarization splitting element 17 is disposed at a focusing position of the converging light L4, and performs splitting of the converging light L4 into two polarized beams having different polarization directions and reflection of the two polarized beams to form a first polarized beam L5 and a second polarized beam L6 both travelling toward the converging optical system 16.

No. of Pages: 23 No. of Claims: 4

(22) Date of filing of Application :31/05/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention : A TECHNIQUE FOR SYNCHRONIZING TASK EXECUTION BY A SET OF ASYNCHRONOUS NODES

	:G06F	(71)Name of Applicant :
(51) International classification	9/00	1)NAIR SHIVASHANKAR BHASKARAN
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF COMPUTER
(32) Priority Date	:NA	SCIENCE AND ENGINEERING INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY GUWAHATI, GUWAHATI, 781039, Assam
(86) International Application No	:NA	India
Filing Date	:NA	2)JHA SHASHI SHEKHAR
(87) International Publication No	: NA	3)GODFREY W. WILFRED
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAIR SHIVASHANKAR BHASKARAN
(62) Divisional to Application Number	:NA	2)JHA SHASHI SHEKHAR
Filing Date	:NA	3)GODFREY W. WILFRED

(57) Abstract:

A distributed system is asynchronous by nature. The nodes comprising the distributed network act as independent entities for performing any process or task. Synchronizing the task executed by different nodes in such a distributed system where there is no centralized control and with limited amount of communication is difficult. This invention describes a technique by which the asynchronous nodes can be made to switch between consecutive tasks from a sequence of ordered tasks available at each node using mobile agents, in a synchronous manner. The mobile agents maintain within themselves a set of resources, one each for every task in the given task sequence and increase or decrease them based on whether or not they switch that task at a node. In doing so they synchronize the tasks executed by these nodes without communicating with one another. The nodes too do not communicate with one another except to facilitate the mobile agent migration amongst their neighbours. The mobile agents also aid in self-healing when a task executed earlier in the sequence needs to be re-executed at a node.

No. of Pages: 6 No. of Claims: 9

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: PEPTIDE AND CONJUGATE VACCINES FOR FUNGAL INFECTIONS

(51) International :A61K39/00,C07K14/00,A61K39/395 classification

(31) Priority Document No :61/477.738 (32) Priority Date :21/04/2011 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/034511

Application No :20/04/2012 Filing Date

(87) International

:WO 2012/145666 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND

MECHANICAL COLLEGE

Address of Applicant :115 System Building, 3810 West

Lakeshore Drive, Baton Rouge, LA 70808 U.S.A. 2) THE GOVERNORS OF THE UNIVERSITY OF

ALBERTA

(72)Name of Inventor:

1) CUTLER, Jim, E.

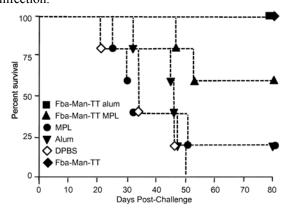
2)XIN, Hong

3)BUNDLE, David, R.

4)DZIADEK, Sebastian

(57) Abstract:

Several new peptides have been developed that show effectiveness as vaccines against candidiasis and other fungal diseases. A new conjugate vaccine of a \(\beta\)-mannotriose linked to a fungal peptide linked to tetanus toxin has been shown to be effective as a vaccine with or without use of an adjuvant. In addition, a monoclonal antibody has been identified that offers protection from a candida infection.



No. of Pages: 119 No. of Claims: 37

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: AMINOPYRIMIDINE KINASE INHIBITORS

(51) International :C07D417/02,C07D417/06,C07D417/14 classification

(31) Priority Document :61/478,302

(32) Priority Date :22/04/2011

(33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/034436 Application No

:20/04/2012 Filing Date

(87) International :WO 2012/145617 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)JASCO PHARMACEUTICALS, LLC

(21) Application No.3395/KOLNP/2013 A

Address of Applicant :10-N Roessler Road, Woburn, MA

01801 U.S.A.

(72)Name of Inventor:

1)BALDINO, Carmen, M. 2) CASERTA, Justin, L.

3) LEE, Chee-Seng

4) DUMAS, Stephane, A.

5)FLANDERS, Yvonne, L.

(57) Abstract:

Disclosed are compounds, pharmaceutical compositions containing those compounds, and uses of the compounds and compositions as modulators of casein kinase 1 (e.g., CKly), casein kinase 2 (CK2), Pim-1, Pim-2, Pim-3, the TGFPB pathway, the Wnt pathway, the JAK/STAT pathway, and/or the mTOR pathway. Uses are also disclosed for the treatment or prevention of a range of therapeutic indications due at least in part to aberrant physiological activity of casein kinase 1 (e.g., CKly), casein kinase 2 (CK2), Pim-1, Pim-2, Pim-3, the TGFPß pathway, the Wnt pathway, the JAK/STAT pathway, and/or the mTOR pathway.

No. of Pages: 198 No. of Claims: 134

(21) Application No.3396/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: BURNER ARRANGEMENT AND BURNER ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:F27B3/20,F27B21/06,F27D99/00 :NA :NA :NA :PCT/FI2011/050502	(71)Name of Applicant: 1)OUTOTEC OYJ Address of Applicant: Puolikkotie 10 FI-02230 Espoo FINLAND (72)Name of Inventor: 1)WEISSMAN, Gunnar
Filing Date (87) International Publication	:31/05/2011 :WO 2012/164142	2)VUORIO, Jukka 3)JFS, Mikael
No (61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a burner arrangement comprising a fluid cooled copper block. Further, the invention relates to a burner assembly, a duct element, a gas circulating duct, and a metallurgical furnace comprising said burner arrangement. The burner arrangement (B) comprises a fluid cooled copper block (3) including a cooling conduit (4) for circulation of the cooling fluid, a first end (5) to which the burner unit (1) is releasably attached and a second end (6), and that the burner channel (2) extends inside the fluid cooled copper block (3) from the first end (5) to the second end (6).

No. of Pages: 29 No. of Claims: 20

(21) Application No.3397/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: EQUIPMENT TO PREPARE ORE CONCENTRATE FOR PELLETIZING

(51) International :B02C23/24,B02C21/00,F26B23/02 classification

(31) Priority Document No :U20114064 (32) Priority Date :15/06/2011

(33) Name of priority country: Finland

(86) International Application :PCT/FI2012/050595

No :13/06/2012

Filing Date (87) International Publication :WO 2012/172174

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)OUTOTEC OYJ

Address of Applicant : Puolikkotie 10, FI-02230 Espoo

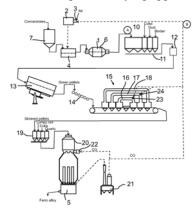
FINLAND

(72)Name of Inventor:

1)PALANDER, Marko

(57) Abstract:

The invention relates to an equipment to prepare ore concentrate for pelletizing and sintering/indurating of pellets in ferroalloys production. The equipment comprises a grinder (1) arranged to grind the concentrate to a predetermined grain size. The equipment further comprises a drying apparatus (2.3.4) arranged to dry the concentrate before and/or during grinding by the grinder (1).



No. of Pages: 19 No. of Claims: 6

(21) Application No.3398/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE MANAGEMENT NODE, AND SUBSCRIBER MANAGEMENT SERVER

(51) International classification :H04W24/10,H04W36/00 (71)Name of Applicant : (31) Priority Document No 1)NTT DOCOMO, INC. :2011-102248 (32) Priority Date :28/04/2011 Address of Applicant: 11-1, Nagatacho 2-chome, Chiyoda-ku, (33) Name of priority country Tokyo 1006150 JAPAN :Japan (86) International Application No :PCT/JP2012/060961 (72)Name of Inventor: Filing Date :24/04/2012 1)HAPSARI, Wuri Andarmawanti (87) International Publication No :WO 2012/147736 2)TAKAHASHI, Hideaki (61) Patent of Addition to Application 3)TANAKA, Itsuma :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention makes it possible to perform control so that an instruction is not issued for MDT to be carried out for a roaming mobile station (UE). A mobile communication method according to the present invention comprises: a step in which, in a mobile station (UE) attach procedure or transition procedure to an active state, a mobile management node (MME) judges whether or not the mobile station (UE) is a roaming mobile station (UE) (Roaming User); and a step in which, if the mobile station (UE) is judged to be a roaming mobile station (UE), the mobile management node (MME) transmits, to a wireless base station (eNB), a User Consent Indication indicating that consent has not been issued for the execution of MDT in the mobile station (UE).

No. of Pages: 21 No. of Claims: 6

(21) Application No.3448/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SELECTIVELY ETCHING OF A POLYMER MATRIX ON PET

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:G03F7/00,H01L51/00,G03F7/20 :11003480.8 :28/04/2011 :EPO :PCT/EP2012/001364 :28/03/2012 :WO 2012/146339 :NA :NA	(71)Name of Applicant: 1)MERCK PATENT GMBH Address of Applicant: Frankfurter Strasse 250, 64293 Darmstadt, Germany (72)Name of Inventor: 1)MEIJER, Arjan 2)STOCKUM, Werner 3)KOEHLER, Ingo
1.1	:NA :NA :NA	

(57) Abstract:

The present invention relates to a method for selectively etching and patterning with high resolution of flexible polymer matrices, which may comprise Ag nano tubes.

No. of Pages: 36 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: HOSE CONNECTION ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F16L33/207 :20 2011 100 788.3 :17/05/2011 :Germany :PCT/EP2011/006557 :23/12/2011 :WO 2012/155943 :NA	(71)Name of Applicant: 1)NEOPERL GMBH Address of Applicant:Klosterrunsstrasse 11, 79379 Müllheim,Germany (72)Name of Inventor: 1)KURY, Werner
(61) Patent of Addition to Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3449/KOLNP/2013 A

(57) Abstract:

In a hose arrangement (1) for a water-conveying system, which arrangement comprises a flexible pressure hose (2) and a connection piece (4) with a hose nipple (5) and a ferrule (6) which receive the pressure hose (2) therebetween, it is proposed that the ferrule (6) has an inwardly protruding projection (12) in a ferrule section (11) projecting axially beyond the hose nipple (5), by means of which projection the pressure hose (2) is displaced radially inwardly behind the hose nipple (5) to form a constriction (19) of the inside diameter such that the transition of the inside diameter between the hose nipple (5) and the pressure hose (2) is smoothed.

No. of Pages: 19 No. of Claims: 11

(21) Application No.3450/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: MICROSOMAL ω6 OLEATE DESATURASES

(51) International :C12N15/53,C12N9/02,C12N15/82 classification

(31) Priority Document No :PCT/SG2011/000197

(32) Priority Date :27/05/2011 (33) Name of priority country: Singapore

(86) International Application :PCT/SG2011/000337

:28/09/2011

Filing Date :WO 2012/166049

(87) International Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TEMASEK LIFE SCIENCES LABORATORY LIMITED

Address of Applicant: 1 Research Link, National University of

Singapore, Singapore 117604, Singapore

(72)Name of Inventor:

1)YE, Jian 2)QU, Jing 3)MAO, Hui Zhu

(57) Abstract:

The present invention relates to the field of plant molecular biology, more particularly Jatropha microsomal co6 oleate desaturases. The present invention also relates to Jatropha plants or plants of other oil crops having seeds with altered ratios of monosaturated and polyunsaturated fats. In particular, the present invention relates to Jatropha plants or plants of other oil crops where the plants exhibit elevated levels of oleic acid.

No. of Pages: 34 No. of Claims: 18

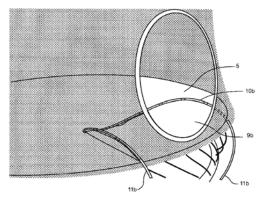
(22) Date of filing of Application :25/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TRAMPOLINE ENCLOSURE WITH A SELF CLOSING DOOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A63B5/11 :61/488,854 :23/05/2011 :U.S.A.	(71)Name of Applicant: 1)BOARD & BATTEN INTERNATIONAL INC Address of Applicant: C/- INTERNATIONAL MANAGEMENT SERVICES, Harbour Centre, 4th Floor, North
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		Church Street, Georgetown, BWI Cayman Islands (72)Name of Inventor: 1)MILLER, David Jethro

(57) Abstract:

A trampoline enclosure formed from a material such as a netting has a door opening for entry into and exit from the trampoline enclosure and a fold down door panel with at least one resilient member acting to bias the door panel to return the door panel to a closed position from a folded down open position.



No. of Pages: 29 No. of Claims: 60

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: POLYMER CONJUGATED PROSTAGLANDIN ANALOGUES

(51) International classification :A61K47/48,A61P27/06,A61K31/557

(31) Priority Document No :61/474,598 (32) Priority Date :12/04/2011 (33) Name of priority

country :U.S.A.

(86) International :PCT/AU2012/000376

Application No
Filing Date

Filing Date

(87) International Publication No :WO 2012/139164

(61) Patent of Addition to Application Number :NA Filing Date :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

.NA
:NA
:NA

(71)Name of Applicant : 1)POLYACTIVA PTY LTD

Address of Applicant :Level 9, 278 Collins Street, Melbourne,

Victoria 3000 AUSTRALIA

2) THE BIONICS INSTITUTE OF AUSTRALIA

3)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL

RESEARCH ORGANISATION

(72)Name of Inventor:

1)O'SHEA, Michael, Shane

2) GRAICHEN, Florian, Hans, Maximilian

3)TAIT, Russell, John

4)DONOHUE, Andrew, Craig

5)NG, Sarah, Man, Ye

6)D'SOUZA, Asha, Marina

(57) Abstract:

The present invention relates in general to polymer-drug conjugates. In particular, the invention relates to polymer-drug conjugates wherein the conjugated drugs are selected from prostaglandins and substituted prostaglandins, to a method of delivering such prostaglandin drugs to a subject, to a sustained drug delivery system comprising the polymer-drug conjugates, to a method of preparing the polymer-drug conjugates, and to an implant comprising the polymer-drug conjugates. The polymer-drug conjugates may be useful for delivering prostaglandins and substituted prostaglandins for the treatment of glaucoma.

No. of Pages: 126 No. of Claims: 32

(22) Date of filing of Application :29/10/2013

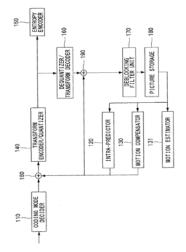
(43) Publication Date: 14/02/2014

(54) Title of the invention: METHOD FOR DECODING IMAGE IN INTRA PREDICTION MODE

(51) International classification	:H04N7/34	(71)Name of Applicant:
(31) Priority Document No	:10-2011-0030294	1)IBEX PT HOLDINGS CO., LTD.
(32) Priority Date	:01/04/2011	Address of Applicant :Doosan We've centium # 1315
(33) Name of priority country	:Republic of Korea	Yeoksam dong 823-26,Kangnam-gu Seoul 135-080 Republic of
(86) International Application No	:PCT/KR2012/001923	Korea
Filing Date	:16/03/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/134085	1)KIM, Kwangje
(61) Patent of Addition to Application	:NA	2)OH, Hyunoh
Number	:NA	
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method for encoding a video for encoding a video signal at a low data rate while maintaining a high image quality. In order to minimize the number of bits required for a residual block, ineffective reference pixels adjacent to a current block are generated using at least one of restored effective reference pixels adjacent to the current block. In addition, an intra prediction mode of the current block is determined using the effective reference pixels adjacent to the current block of the current block, and filtered reference pixels after the generated reference pixels are filtered. Therefore, generating a reference block most similar to the current block minimizes the volume of data required on the residual block of the current block.



No. of Pages: 48 No. of Claims: 9

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS FOR THE IMPROVEMENT OF PRODUCT YIELD AND PRODUCTION IN A MICROORGANISM THROUGH THE ADDITION OF ALTERNATE ELECTRON ACCEPTORS

:C12P7/06,C12P7/10,C12N1/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MASCOMA CORPORATION :61/472.085 :05/04/2011 (32) Priority Date Address of Applicant :67 Etna Road, Ste. 300, Lebanon, New (33) Name of priority country Hampshire 03766 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/032443 (72)Name of Inventor: 1)ARGYROS, Aaron Filing Date :05/04/2012 2)SILLERS, William Ryan (87) International Publication No :WO 2012/138942 (61) Patent of Addition to 3)BARRETT, Trisha :NA **Application Number** 4)CAIAZZA, Nicky :NA Filing Date 5)SHAW IV, Arthur J. (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention provides for novel metabolic pathways to reduce or eliminate glycerol production and increase product formation. More specifically, the invention provides for a recombinant microorganism comprising a deletion of one or more native enzymes that function to produce glycerol and/or regulate glycerol synthesis and one or more native and/or heterologous enzymes that function in one or more engineered metabolic pathways to convert a carbohydrate source, such as lignocellulose, to a product, such as ethanol, wherein the one or more native and/or heterologous enzymes is activated, upregulated, or downregulated. The invention also provides for a recombinant microorganism comprising one or more heterologous enzymes that function to regulate glycerol synthesis and one or more native and/or heterologous enzymes that function in one or more engineered metabolic pathways to convert a carbohydrate source to ethanol, wherein said one or more native and/or heterologous enzymes is activated, upregulated or downregulated.

No. of Pages: 214 No. of Claims: 95

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PANE WITH AN ELECTRICAL CONNECTINON ELEMENT

(51) International classification	:H05B3/84,H01R4/62	(71)Name of Applicant:
(31) Priority Document No	:11165506.4	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:10/05/2011	Address of Applicant :18 avenue d'Alsace, F-92400
(33) Name of priority country	:EPO	Courbevoie, FRANCE
(86) International Application No	:PCT/EP2012/056964	(72)Name of Inventor:
Filing Date	:17/04/2012	1)Harald CHOLEWA
(87) International Publication No	:WO 2012/152543	2)Christoph DEGEN
(61) Patent of Addition to Application	:NA	3)Bernhard REUL
Number	:NA	4)Mitja RATEICZAK
Filing Date	.11/1	5)Andreas SCHLARB
(62) Divisional to Application Number	:NA	6)Lothar LESMEISTER
Filing Date	:NA	

(57) Abstract:

The invention relates to a disk having at least one electric connecting element, comprising a substrate (1), an electrically conductive structure (2) on a region of the substrate (1), a connecting element (3), wherein the connecting element at least contains chromium-containing steel, and a layer of a soldering compound (4) that electrically connects the connecting element (3) to sub-regions of the electrically conductive structure (2).

No. of Pages: 40 No. of Claims: 15

(21) Application No.868/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :22/07/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: TELESCOPIC CLOTHES DRYING RACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D06F 57/00 :PD2012A000244 :09/08/2012 :Italy :NA :NA	(71)Name of Applicant: 1)GIMI S.P.A. Address of Applicant :JOINT-STOCK COMPANY, VIA TRENTINO, 23,35043 MONSELICE(PROV.OF PADOVA) ITALY (72)Name of Inventor:
(87) International Publication No	: NA	1)SUDHANA HEM
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A telescopic clothes drying rack (10), comprising a quadrangular frame (11) with first, tubular, rodlike components (12) which define a main rack (13) for hanging laundry, and with supporting legs (14); the main rack (13) is extendable in the direction of extension of the first rodlike components (12) by way of at least one associated extractable secondary rack (15), which comprises a U-shaped frame (17) from which second rodlike components (18) extend which can be extracted telescopically from the first rodlike elements (12), the lateral bars (19, 20) of the U-shaped frame (17) of the secondary rack (15) being arranged so as to slide externally to the longitudinal members (21, 22) of the main rack (13), each one supported and guided by a corresponding support (23, 24) on which a through hole (25, 26) for the guiding and sliding of the corresponding lateral bar (19, 20) is defined, the support (23, 24) being fixed to the quadrangular frame (11).

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :24/10/2013

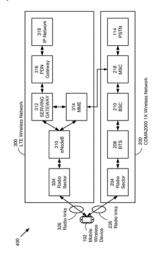
(43) Publication Date: 14/02/2014

(54) Title of the invention: DUAL NETWORK MOBILE DEVICE RADIO RESOURCE MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W24/00 :61/478,922 :25/04/2011 :U.S.A. :PCT/US2012/032615 :06/04/2012 :WO 2013/106033 :NA :NA	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 Infinite Loop, Cupertino, California 95014 U.S.A. (72)Name of Inventor: 1)ZHAO, Wen 2)MUJTABA, Syed A. 3)WANG, Xiaowen 4)MAJJIGI, Vinay R. 5)MAHE Jeshel G.
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A single chip mobile wireless device capable of receiving and transmitting over one wireless network at a time maintains registration on two wireless communication networks that each use different communication protocols in parallel. Periodically, the mobile wireless device tunes one or more receivers from a first wireless network to a second wireless network in order to listen for paging messages addressed to the mobile wireless device from the second wireless network. The first wireless network suspends allocation of radio resources to the mobile wireless device based on receipt of a suspension message from the mobile wireless device, or based on knowledge of a paging cycle for mobile wireless device in the second wireless network, or based on detection of an out of synchronization condition with the mobile wireless device.



No. of Pages: 54 No. of Claims: 25

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: HEATABLE COMPOSITE PANE HAVING A SECURITY FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B32B17/10,H05B3/86 :11169563.1 :10/06/2011 :EPO :PCT/EP2012/058128 :03/05/2012 :WO 2012/168009 :NA :NA	(71)Name of Applicant: 1)SAINT-GOBAIN GLASS FRANCE Address of Applicant: 18 avenue d'Alsace, F-92400 Courbevoie France (72)Name of Inventor: 1)LISINSKI, Susanne 2)MELCHER, Martin 3)SCHLARB, Andreas
· /	*- *-	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a composite pane, comprising: a first pane (1.1), at least one intermediate layer (3) and a second pane (1.2), a transparent, electrically conductive first coating (2) between the intermediate layer (3) and the first pane (1.1) and/or between the intermediate layer (3) and the second pane (1.2), a first bus line (4.1) and a second bus line (4.2), which are connected to the first coating (2), and the first bus line (4.1) is connected to a ground potential and the second bus line (4.2) is connected to a direct voltage of 75 V to 450 V or an alternating voltage of 25 V to 450 V, a transparent, electrically conductive second coating (6), wherein the area of the first coating (2) and the area of the second coating (6) are arranged above one another with at least 80% congruence and are insulated from one another, and the second coating (6) is connected to the ground potential via at least a third bus line (4.3).

No. of Pages: 39 No. of Claims: 15

(21) Application No.891/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: PLANETARY CARRIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, GERMANY (72)Name of Inventor: 1)THOMAS BOLAND 2)ALEXANDER KAMPS
Filing Date	:NA	

(57) Abstract:

The invention relates to a planetary carrier (4) with a shaft journal (6) arranged on front face (10) of a side plate (8) of the planetary carrier (4). Embodied on an outer circumferential surface (12) of the shaft journal (6) is a bearing seating (14) on an end of the shaft journal (6) facing the front face (10). The planetary carrier (4) has an annular groove (18), running coaxially with the shaft journal (6) and imme diately connected to the bearing seating (14). The groove (18) undercuts the front face (10) and the outer circumferential surface (12).

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: DEVICE FOR PRECISION DISPLACEMENT

(51) International :H01L41/09,H01L41/047,H02N2/02

(31) Priority Document No :PCT/EP2011/002706

(32) Priority Date :01/06/2011

(33) Name of priority country:EPO

(86) International Application: PCT/EP2011/003173

No :28/06/2011 Filing Date

(87) International Publication :WO 2012/163378

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number :NA

Filing Date

(71)Name of Applicant : 1)POTEMKIN,Alexander

Address of Applicant : Zum Ehrenhain 15, 22885 Barsbüttel

Germany

2)LUSKINOVICH,Petr,Nikolaevich

3)ZHABOTINSKY, Vladimir, Alexandrovich

(72)Name of Inventor:

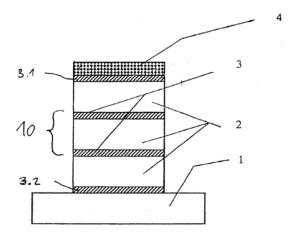
1)POTEMKIN, Alexander

2)LUSKINOVICH,Petr,Nikolaevich

3)ZHABOTINSKY, Vladimir, Alexandrovich

(57) Abstract:

A device is provided for carrying out a precision movement, comprising a plate (2) composed of piezoelectric material and comprising electrodes (3) which are provided at mutually opposite and preferably parallel planes. At least one of the electrodes is designed in an elastic fashion to form a base module (10). The plate is preferably monocrystalline and can be formed from a stack of multiple identical plates or base modules. A protection or read layer (4), a base (1), or other elements (6,7,8) can be attached via non-elastic electrodes (3.1,3.2).



No. of Pages: 28 No. of Claims: 11

(21) Application No.3434/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: CONNECTOR

(51) International classification	:H01R13/52,B60L3/00	(71)Name of Applicant:
(31) Priority Document No	:2011-124047	1)YAZAKI CORPORATION
(32) Priority Date	:02/06/2011	Address of Applicant :4-28,Mita 1-chome,Minato-ku,Tokyo
(33) Name of priority country	:Japan	1088333,JAPAN
(86) International Application No	:PCT/JP2012/003417	(72)Name of Inventor:
Filing Date	:25/05/2012	1)OKAMOTO,Kenichi
(87) International Publication No	:WO 2012/164887	2)NANAMI,Yuu
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A connector comprises a connector housing (3) receiving therein a terminal fitting (50) connected to an electrode of a connector-mounting portion (23) and an electrical wire (49) at an end of which the terminal fitting is provided; a cap (15) for the connector housing; and a packing (33) for the cap. The packing includes a mushroom-like locking projection (29) with an enlarged end portion (20a). The cap includes a locking hole (24) into which the end portion of the locking projection is inserted so that the end portion is placed in locking engagement with the locking hole.

No. of Pages: 17 No. of Claims: 2

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: HEAT TRANSFER PLATE FOR A PLATE-AND-SHELL HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F28D9/00 :11167448.7 :25/05/2011 :EPO :PCT/EP2012/058493 :09/05/2012 :WO 2012/159882 :NA :NA	(71)Name of Applicant: 1)ALFA LAVAL CORPORATE AB Address of Applicant: P.O. Box 73, SE-22100, Lund SWEDEN (72)Name of Inventor: 1)BLOMGREN,Ralf
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heat transfer plate configured to be arranged in a plate-and-shell type plate heat exchanger. The heat transfer plate comprises an inlet port (7) and an outlet port (8). The inlet port (7) has a first inlet section (71) that faces the outlet port (8) and comprises a first fluid blocker (74), for distribution of at least a part of a flow of fluid (F11) over a second inlet section (72) of the inlet port (7). The outlet port (8) has a first outlet section (81) that faces the inlet port (7) and comprises a second fluid blocker (84), for distribution of at least a part of the flow of fluid (F11) over a second outlet section (82) of the outlet port (8). Corrugations (9) are arranged intermediate the inlet port (7) and the outlet port (8).

No. of Pages: 19 No. of Claims: 11

(22) Date of filing of Application :21/11/2013

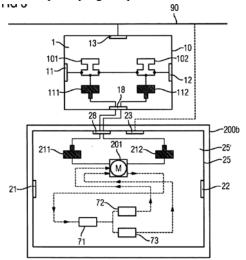
(43) Publication Date: 14/02/2014

(54) Title of the invention: SIMULATION SYSTEM, METHOD FOR CARRYING OUT A SIMULATION, GUIDANCE SYSTEM AND COMPUTER PROGRAM PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G05B17/02 :10 2011 077 317.7 :09/06/2011 :Germany :PCT/EP2012/060561 :05/06/2012 :WO 2012/168217 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München Germany (72)Name of Inventor: 1)RATHGEB, Andreas 2)SPEH, Rainer 3)UNKELBACH, Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a simulation system, in particular for a guidance system which controls a process (P) running in a technical system. Said guidance system comprises at least one first process environment (10) embodied as a container and which is also designed to simulate the automatic process to be run in the system and comprises corresponding interfaces (11, 12, 13) to the guidance system. According to the invention, said simulation system (200a) comprises a second process environment (20) designed as a container for simulating the hardware of the periphery of the guidance system and a third process environment (30) designed as a container for the simulation of the process to be run in the technical system. In another embodiment variation (200b) of the simulation system, both process environments can be also be combined to form one process environment (25). In both variations, the interfaces (21, 22, 23) of the second process environment (20) are practically identical to the interfaces (31, 32, 33) of the third process environment (30) and the interfaces (11, 12, 13) of the first process environment (10). The invention also relates to a method for carrying out a simulation by means of the claimed simulation system. The invention also relates to a corresponding guidance system and computer program product.



No. of Pages: 35 No. of Claims: 17

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: LIQUID DISPENSERS AND METHODS FOR MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B67D7/58 :61/481,871 :03/05/2011 :U.S.A. :PCT/US2012/036238 :03/05/2012 :WO 2012/151353 :NA :NA :NA	(71)Name of Applicant: 1)MEADWESTVACO CALMAR,INC. Address of Applicant:501 South 5th Street, Richmond, Virginia 23219-0501,U.S.A. (72)Name of Inventor: 1)SWEETON Steven 2)HILDEBRAND George R.
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(57) Abstract:

Fluid dispensing devices having a pump system connected to a container wherein the dispensing device may be operated with one hand using either a container having a griping surface or opening or a handle integrated with an actuator to facilitate one-handed use.

No. of Pages: 23 No. of Claims: 17

(21) Application No.3445/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: DISTRIBUTOR HAVING A POWER CONNECTION WITH A PLUG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01R25/00 :GM 305/2011 :26/05/2011 :Austria :PCT/AT2012/050073 :16/05/2012 :WO 2012/159144 :NA	(71)Name of Applicant: 1)LOMBARDO Paolo Address of Applicant: Figulystr. 7/5 A-4020 Linz,AUSTRIA (72)Name of Inventor: 1)LOMBARDO Paolo
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a distributor comprising a power connection having a plug (1) and being connected to at least two socket pin holes (3) via an electric conductor (2). In order to allow highest possible variability with respect to the distributor length, the socket pin holes (3) are associated with separate sockets (4) which can be detachably interconnected or detachably connected to a housing (6) and which each are connected one to the other or to the housing (6) via an extension lead (5).

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :25/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: CONSTRUCTION ELEMENT FOR CO2 CAPTURE

(51) International :B01D53/14,B01D53/18,B32B13/12

classification (31) Priority Document No :2011 0971

(32) Priority Date :05/07/2011 (33) Name of priority country: Norway

(86) International Application: PCT/EP2012/063185

:05/07/2012 Filing Date

(87) International Publication :WO 2013/004797

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

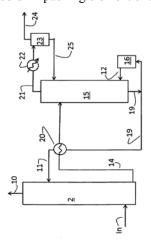
1)AKER ENGINEERING & TECHNOLOGY AS

Address of Applicant : P.O.Box 222, N-1326

Lysaker, NORWAY (72)Name of Inventor: 1)JAMTVEDT, Svein 2)ØYSÆD, Harry 3)GJERP, John Ole

4)FORSBERG, Frank Henning

A construction element for a plant for capture of an acidic gas using an aqueous amine absorbent, wherein at least a part of a surface of said element comprises a polyolefin, and a hydrolytically stable antioxidant, is described. Additionally, a liner comprising said polyolefin and the hydrolytically stable antioxidant, is described. The construction element may be a column, a pipe, an insert, like a column packing element or a tray. An apparatus for capturing CO2 using the construction elements, is also described.



No. of Pages: 94 No. of Claims: 24

(21) Application No.899/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012 (43) Publication Date : 14/02/2014

(54) Title of the invention: JOINT STRUCTURE OF COLUMN AND STEEL PIPE PILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E02D :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN (72)Name of Inventor: 1)KOJI OKI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)KAZUOMI ICHIKAWA
Filing Date	:NA	

(57) Abstract:

A joint structure (A) of a column and a steel pipe pile includes: a column (40) of a superstructure (2); a steel pipe pile (5) having a rib (6) on an inner wall surface, being erected in the ground, and an interior thereof being filled with concrete (35); and a connection member (10). The connection member (10) includes: a strut (11) having a leg portion (13), which is inserted into the steel pipe pile (5) and fixed by concrete, and a joint portion (12) to be joined with the column (40); and cross beams (14a to 14d) attached to the strut (11) in a horizontal direction.

No. of Pages: 71 No. of Claims: 6

(21) Application No.3368/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: SUPPLEMENTARY TRANSFORMER WINDING

(51) International classification	:H01F29/02,H01H9/00	(71)Name of Applicant:
(31) Priority Document No	:11004288.4	1)ABB TECHNOLOGY AG
(32) Priority Date	:25/05/2011	Address of Applicant : Affolternstr. 44, CH-8050 Zürich,
(33) Name of priority country	:EPO	SWITZERLAND
(86) International Application No	:PCT/EP2012/001506	(72)Name of Inventor:
Filing Date	:05/04/2012	1)WEBER, Benjamin
(87) International Publication No	:WO 2012/159691	2)PATEL, Bhavesh
(61) Patent of Addition to Application	:NA	3)TEPPER, Jens
Number		4)CHUDOBBA, Udo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a supplementary transformer winding (10,60), comprising a first (12,72), second (14,74) and third (16,64) winding module, each having at least one winding segment (18,20,22) that has at least one first (18), second (20) or third (22) respective tapping (24,26,28,30,32,76,78). A tap changer (34) is provided which is associated with the tappings (28,76) of the second winding module (14,78), wherein the terminals (40,42) of the second winding module (14,78) are formed by an external tapping and the output of the tap changer (34). The second winding module (14,78) is connected at the two terminals (40,42) thereof to at least one winding segment (18,22) of the first (12,72) and third (16,64) winding module and is electrically connected in series (44,46).

No. of Pages: 20 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 14/02/2014

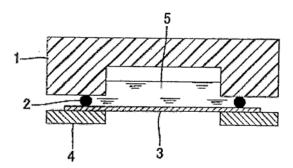
(54) Title of the invention : MULTILAYER CONDUCTIVE FILM, CURRENT COLLECTOR USING SAME, BATTERY AND BIPOLAR BATTERY

(71)Name of Applicant: 1)KANEKA CORPORATION Address of Applicant :3-18, Nakanoshima 2-chome, Kita-ku, (51) International classification:B32B27/18.B32B27/00.C08K3/04 Osaka-shi, Osaka 5308288 JAPAN 2)NISSAN MOTOR CO., LTD. (31) Priority Document No :2011-114969 (32) Priority Date (72)Name of Inventor: :23/05/2011 (33) Name of priority country : Japan 1)KATO Yusuke (86) International Application 2)KOJIMA Masahiro :PCT/JP2012/063020 No 3)MUKAI Ryutaro :22/05/2012 Filing Date 4)KUSAKABE Masato (87) International Publication 5)OGINO Hiroyuki :WO 2012/161180 6)KIKUCHI Takashi (61) Patent of Addition to 7)ITO Takashi :NA **Application Number** 8)OKU Satoshi :NA Filing Date 9)WAKI Akiko (62) Divisional to Application 10)INOUE Shiho ·NA Number 11)MUROYA Yuji :NA Filing Date 12)WAKI Norihisa 13)TANAKA Yasuyuki 14) IBUKA Shigeo

(57) Abstract:

This multilayer conductive film, which has a layer (1) comprising a conductive material containing a polymeric material (1) having an alicyclic structure and conductive particles (1), and a layer (2) comprising a material that is durable against positive electrode potential, is stable in an environment of equilibrium potential in a negative electrode and is stable in an environment of equilibrium potential in a positive electrode, has low electrical resistance per unit area in the thickness direction, has excellent barrier properties for electrolyte solvents, and, when used as a current collector, enables a battery that is both lightweight and durable to be obtained.

15)SHIMOIDA Yoshio



No. of Pages: 103 No. of Claims: 23

(21) Application No.3370/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: LYMPH NODE SPECIMEN COLLECTION KIT AND METHOD OF PATHOLOGICAL ANALYSIS FOR LUNG CANCER DIAGNOSIS USING SUCH A KIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D81/00 :61/475,522 :14/04/2011 :U.S.A. :PCT/US2012/033815 :16/04/2012 :WO 2012/142599 :NA :NA :NA	(71)Name of Applicant: 1)OSAROGIAGBON, Raymond U. Address of Applicant: 9274 Glenda Road, Germantown, Tennessee 38139 U.S.A. (72)Name of Inventor: 1)OSAROGIAGBON, Raymond U.
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(57) Abstract:

A unique system for the correlation between removed lymph nodes for lung cancer diagnosis and pathological analysis thereof is provided. Such a system includes the removal of certain lymph nodes from a suspected or known lung cancer patient with subsequent categorization thereof and placement within a properly divided and labeled specimen collection kit. Through the utilization of such a separation and placement allows and facilitates understanding and non-verbal communication between a surgeon and a pathologist in order to denote the location of the removed lymph nodes in relation to a known or suspected lung cancer tumor or growth. The overall diagnostic method including the important communicative properties accorded both the particular surgeon and pathologist, is encompassed within this invention, as well as the specific collection specimen kit that permits the surgeon proper distinction of specific removal lymph nodes in relation to their location within the patients body.

No. of Pages: 28 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :26/11/2013

(21) Application No.3460/KOLNP/2013 A

(43) Publication Date: 14/02/2014

(54) Title of the invention: FLOW-VOLUME REGULATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:23/03/2012 :WO 2012/156002 :NA :NA :NA	(71)Name of Applicant: 1)NEOPERL GMBH Address of Applicant:Klosterrunsstrasse 11, 79379 Müllheim GERMANY (72)Name of Inventor: 1)TWITCHETT, Simon
Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a flow-volume regulator (1, 110) having a regulator housing (2) which (2) has at least one regulator ring channel (3) which (3) contains an annular flow restrictor (4) made of elastic material which (4) bounds, between itself and a channel wall that bears a regulatory profiling (5), a control gap (6) for which (6) it is possible to alter the passage cross section by means of the flow restrictor (4), which deforms under the pressure difference that forms during the flow, and also having at least one valve (7) which has a valve body (8) which (8) moves under the pressure of the flowing medium from an open position counter to a restoring force into a closed position, in which closed position the valve body (8) closes off at least one valve opening. In order to be able to make the flow-volume regulator according to the invention compact and also to mount it in space-saving fashion under confined circumstances, the invention provides for the valve body (8) to be provided in a valve ring channel (9) in the regulator housing (2) which valve ring channel (9) has at least one valve opening in the region of its channel base, for the valve body (8) to be of annular design and to made from elastic material, and for the annular valve body (8) to deform under the pressure of the flowing medium such that the valve body (8) moves from the open position counter to the restoring force of the inherent elasticity of the elastic material used for the valve body (8) into the closed position.

No. of Pages: 19 No. of Claims: 8

(21) Application No.3461/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 14/02/2014

(54) Title of the invention : SOFTWOOD KRAFT FIBER HAVING IMPROVED WHITENESS AND BRIGHTNESS AND METHODS OF MAKING AND USING THE SAME

(51) International classification	:D21C9/147,D21H11/04	(71)Name of Applicant:
(31) Priority Document No	:61/489,245	1)GP CELLULOSE GMBH
(32) Priority Date	:23/05/2011	Address of Applicant :Poststrasse 18, CH-6300 Zug
(33) Name of priority country	:U.S.A.	SWITZERLAND
(86) International Application No	:PCT/US2012/038685	(72)Name of Inventor:
Filing Date	:18/05/2012	1)NONNI, Arthur, J.
(87) International Publication No	:WO 2012/170183	2)COURCHENE, Charles, E.
(61) Patent of Addition to Application	:NA	3)CAMPBELL, Philip, R.
Number	:NA	4)DOWDLE, Steven, C.
Filing Date	.NA	5)ENGLE, Joel, M.
(62) Divisional to Application Number	:NA	6)SLONE, Christopher, M.
Filing Date	:NA	

(57) Abstract:

A bleached softwood kraft pulp fiber with high alpha cellulose content and increased brightness and whiteness is provided. Methods for making the kraft fiber and products made from it are also described.

No. of Pages: 38 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :26/11/2013

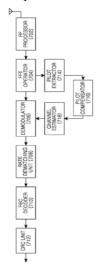
(43) Publication Date: 14/02/2014

(54) Title of the invention : APPARATUS AND METHOD FOR RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L27/26,H04L25/03 (71)Name of Applicant : (31) Priority Document No 1)SAMSUNG ELECTRONICS CO., LTD. :10-2011-0057518 (32) Priority Date :14/06/2011 Address of Applicant :129, Samsung-ro Yeongtong-gu, (33) Name of priority country :Republic of Korea Suwon-si, Gyeonggi-do 443-742, Republic of Korea (86) International Application No :PCT/KR2012/000285 (72)Name of Inventor: 1)Young-Seok JUNG Filing Date :11/01/2012 (87) International Publication No :WO 2012/173321 2)Jong-Han LIM (61) Patent of Addition to Application 3)In-Hyoung KIM :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A technique for avoiding reception performance deterioration caused by a tone interference that occurs at a position carrying a pilot signal in a wireless communication system is provided. A receiving end includes an operator for converting a time axis signal into a frequency- axis signal, an extractor for generating channel values in positions carrying pilot signals among the frequency-axis signals, a compensator for compensating for a channel value of a position at which tone interference occurs by using at least one channel value of a position at which no tone interference occurs among the channel values.



No. of Pages: 32 No. of Claims: 15

(21) Application No.3466/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: SCREW AND DRIVER TOOL

:NA

(51) International classification	n:A61C8/00,B25B15/00,B25B13/48	(71)Name of Applicant:
(31) Priority Document No	:GB 1111561.5	1)NOBEL BIOCARE SERVICES AG
(32) Priority Date	:06/07/2011	Address of Applicant :Postfach CH-8058 Zürich-Flughafen,
(33) Name of priority country	:U.K.	SWITZERLAND
(86) International Application	:PCT/EP2012/002826	(72)Name of Inventor:
No	:05/07/2012	1)HAUS, Adrian
Filing Date	.03/07/2012	
(87) International Publication	:WO 2013/004386	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1111	
(62) Divisional to Application	:NA	
Number	.11/A	

(57) Abstract:

Filing Date

The invention relates to a screw and corresponding screw driver for driving the screw into a dental implant at an angle from the longitudinal axis of the implant. The screw has a polygonal interface and the screw driver has a matching interface for driving the screw to rotate.

No. of Pages: 21 No. of Claims: 14

(21) Application No.3357/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: INACTIVATED DENGUE VIRUS VACCINE

(51) International classification	:A61K39/12,A61K47/10	(71)Name of Applicant :
(31) Priority Document No	:61/490,205	1)GLAXOSMITHKLINE BIOLOGICALS SA
(32) Priority Date	:26/05/2011	Address of Applicant :Rue de l'Institut 89, B-1330 Rixensart
(33) Name of priority country	:U.S.A.	BELGIUM
(86) International Application No	:PCT/EP2012/059879	(72)Name of Inventor:
Filing Date	:25/05/2012	1)HENDERICKX, Veronique
(87) International Publication No	:WO 2012/160199	2)LE BUSSY, Olivier
(61) Patent of Addition to Application	:NA	3)LEMOINE, Dominique, Ingrid
Number	:NA	4)MATHOT, Frederic
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides formulations of an immunogenic composition containing a purified inactivated Dengue virus, and method for producing them.

No. of Pages: 67 No. of Claims: 119

(21) Application No.3358/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/11/2013 (43) Publication Date: 14/02/2014

(54) Title of the invention: IMMUNOGENIC COMPOSITION

(51) International :C12N15/62,C07K14/33,A61K39/08 classification (31) Priority Document No :61/490.707 (32) Priority Date :27/05/2011

(33) Name of priority :U.S.A. country

(86) International :PCT/EP2012/059793 Application No

:25/05/2012 Filing Date

(87) International Publication: WO 2012/163811

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)GLAXOSMITHKLINE BIOLOGICALS S.A.

Address of Applicant :Rue de l'Institut 89' B-1330 Rixensart

BELGIUM

(72)Name of Inventor: 1)CASTADO, Cindy

(57) Abstract:

The present invention relates to fusion proteins comprising fragments of toxin A and toxin B from Clostridium difficile in particular the invention relates to a polypeptide comprising a first fragment and a second fragment wherein (v) the first fragment is a toxin A repeating domain fragment; (vi) the second fragment is a toxin B repeating domain fragment; (vii) the first fragment comprises a first proximal end within a first repeat portion; (viii) the second fragment comprises a second proximal end within a second repeat portion; and wherein the first fragment and the second fragment are adjacent to one another and wherein the first repeat portion and the second repeat portion have sequence similarity to one another.

No. of Pages: 61 No. of Claims: 40

(19) INDIA

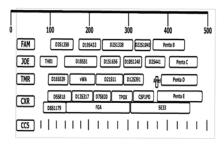
(22) Date of filing of Application :12/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: METHODS AND COMPOSITIONS FOR RAPID MULTIPLEX AMPLIFICATION OF STR LOCI

(51) International classification	:C12Q1/68,C07H21/04	(71)Name of Applicant:
(31) Priority Document No	:61/485,459	1)NETBIO, INC.
(32) Priority Date	:12/05/2011	Address of Applicant :830 Winter Street, Waltham, MA
(33) Name of priority country	:U.S.A.	02451-1477 U.S.A.
(86) International Application No	:PCT/US2012/037607	(72)Name of Inventor:
Filing Date	:11/05/2012	1)SCHUMM, James, W.
(87) International Publication No	:WO 2012/155084	2)SELDEN, Richard, F.
(61) Patent of Addition to Application	:NA	3)TAN, Eugene
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are methods for multiplex polymerase chain reaction (PCR) amplification of short tandem repeat (STR) loci that can be used to rapidly generate a highly specific STR profile from target nucleic acids. The resulting STR profiles are useful for human identification purposes in law enforcement, homeland security, military, intelligence, and paternity testing applications.



Multiplex	STR Locus Size		Multiplex
Content	Range Sum		Density
26 Loci – 5 Dyes	1487	411 bases	3.62

No. of Pages: 114 No. of Claims: 29

(21) Application No.3351/KOLNP/2013 A

(19) INDIA

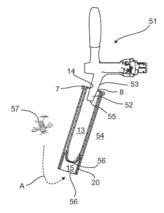
(22) Date of filing of Application :12/11/2013 (43) Publication Date : 14/02/2014

(54) Title of the invention: A DISPENSING NOZZLE COVER

(51) International classification	:B67D1/08,A01M1/14	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70260	1)N~RGAARD & ANDERSEN APS
(32) Priority Date	:25/05/2011	Address of Applicant : Amagertory 13 1, DK-1160
(33) Name of priority country	:Denmark	Copenhagen V Denmark
(86) International Application No	:PCT/DK2012/050180	(72)Name of Inventor:
Filing Date	:25/05/2012	1)N~RGAARD, Jens
(87) International Publication No	:WO 2012/159636	2)ANDERSEN, Jens Rasmus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dispensing nozzle cover comprising an elongated chamber having a proximal end and a distal end, where the proximal end is adapted to receive a dispensing nozzle, and the distal end is closed, a seal arranged in the vicinity of the proximal receiving end of the elongated chamber, the seal being arranged to seal against the dispensing nozzle, wherein the dispensing nozzle cover further comprises an adhesive surface area facing the ambient atmosphere.



No. of Pages: 21 No. of Claims: 15

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (CHENNAI)

Notice is hereby given that any person interested in opposing the following applications 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.

PATENT NUMBER	APPLICANT TITLE		DATE OF CESSATION	APPROPRI ATE OFFICE
219740	Shri. MANDAYAM KRISHNAKUMAR SRINIVASAN	FAULT LOCATOR AND ANALYSER EQUIPMENT FOR HVDC LINES	24/07/2013	CHENNAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	258780	206/DELNP/2005	25/07/2003	25/07/2002	A MECHANICAL PART AND A METHOD OF MANUFACTURING THE SAME	SNECMA,FROGES DE BOLOGNE	14/11/2008	DELHI
2	258782	750/DEL/2005	31/03/2005		A PROCESS FOR PRODUCTION OF LOW FAT BAKED SNACKS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
3	258783	6021/DELNP/2005	19/01/2005	20/01/2004	VALVE OPERATION DEVICE OF INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO.,LTD	02/10/2009	DELHI
4	258784	3644/DELNP/2004	20/05/2003	20/05/2002	SYSTEM FOR ENCRYPTED NETWORK MANAGEMENT AND INTRUSION DETECTION	AIRDEFENSE, INC.	18/12/2009	DELHI
5	258786	1356/DELNP/2004	19/11/2002	20/11/2001	A FLUID SPRAY DEVICE COMPRISING A RESERVOIR CONTAINING FLUID	VALOIS S.A.S	16/03/2007	DELHI
6	258789	7/DELNP/2008	30/05/2006	01/06/2005	D-PSICOSE PRODUCTION METHOD BY D-PSICOSE EPIMERASE	CJ CHEILJEDANG CORP.,	11/07/2008	DELHI
7	258794	641/DELNP/2006	27/07/2004	08/08/2003	SPRAY HEAD FOR LIQUID PRODUCT	VALOIS S.A.S.	31/08/2007	DELHI
8	258795	1576/DEL/2005	16/06/2005	18/06/2004	A HARD COATING FORMED BY A PHYSICAL VAPOR DEPOSITION METHOD	HITACHI TOOL ENGINEERING, LTD.,	16/03/2007	DELHI
9	258796	3851/DELNP/2004	06/05/2003	07/05/2002	METHOD AND APPARATUS FOR MAKING A BOTTLE AND A BOTTLE THEREOF	BRITTPAC LIMITED.,	09/10/2009	DELHI
10	258797	3931/DELNP/2007	22/11/2005	25/11/2004	AN APPARATUS AND A METHOD FOR CRACKING A CONNECTING ROD	HONDA MOTOR CO .,LTD	31/08/2007	DELHI
11	258802	1294/DELNP/2007	18/08/2005	19/08/2004	POLYPEPTIDE COMPRISING AN AMINO ACID SEQUENCE AND CONJUGATE COMPRISING SAID POLYPEPTIDE	BIOGEN IDEC MA INC.	17/08/2007	DELHI
12	258805	3349/DELNP/2004	30/04/2003	02/05/2002	A FRAME FOR SUPPORTING A PRINTING SCREEN AND A PRINTING SCREEN UNIT THEREOF	DEK VECTORGUARD LIMITED	02/04/2010	DELHI

13	258809	255/DEL/2002	19/03/2002		An Improved Process For Manufacturing Disc of Wheel Rims	STEEL STRIPS WHEELS LIMITED.	03/08/2007	DELHI
14	258810	4588/DELNP/2007	21/11/2005	23/11/2004	MULTI-SCALE FINITE- VOLUME METHOD FOR USE IN SUBSURFACE FLOW SIMULATION	CHEVRON U.S.A. INC.,ETH ZURICH,PRAD RESEARCH AND DEVELOPMENT LIMITED	31/08/2007	DELHI
15	258811	3769/DELNP/2006	30/11/2004	01/12/2003	SESSION INITIATION PROTOCOL (SIP) BASED USER INITIATED HANDOFF	INTERDIGITAL TECHNOLOGY CORPORATION	22/06/2007	DELHI
16	258815	7954/DELNP/2007	12/04/2006	12/04/2005	INTEGRATION OF ALTERNATIVE FEEDSTREAMS IN BIOMASS TREATMENT AND UTILIZATION	E.I. DU PONT DE NEMOURS AND COMPANY	09/11/2007	DELHI
17	258819	5155/DELNP/2008	22/12/2006	22/12/2005	A PERSONAL AND ORAL CARE COMPOSITION	COLGATE-PALMOLIVE COMPANY	08/08/2008	DELHI
18	258820	1729/DEL/2006	28/07/2006	08/05/2006	A METHOD OF WELDING A WORKPIECE AND WELDING APPARATUS THEREOF	LINCOLN GLOBAL, INC.	23/11/2007	DELHI
19	258822	1268/DEL/2005	17/05/2005	01/06/2004	A METHOD OR DEVICE FOR ENHANCING THE SECURITY OF A VOICEMAIL SYSTEM	RESEARCH IN MOTION LIMITED	12/01/2007	DELHI
20	258823	4509/DELNP/2007	14/12/2005	16/12/2004	METHOD OF CONDITIONING A FUNCTIONAL SYSTEM SUBSTRATE	HERCULES INCORPORATED	31/08/2007	DELHI
21	258824	5882/DELNP/2008	05/02/2007	06/02/2006	A BACTERIUM CAPABLE OF PRODUCING THYMIDINE WHEN GROWN IN A CULTURE MEDIUM	GLAXO GROUP LIMITED	26/09/2008	DELHI
22	258825	9778/DELNP/2007	01/03/2002	01/03/2001	A METHOD OF PREPARING A CRYSTALLINE FORM OF (±)-CIS-FTC	TRIANGLE PHARMACEUTICALS, INC.,ABBOTT LABORATORIES	18/01/2008	DELHI
23	258827	904/DEL/2005	08/04/2005	09/04/2004	AMETHOD OF OPERATING AN ACTUATOR AND A DEVICE FOR THE IMPIEMENTATION THEREOF	SOMFY SAS	01/12/2006	DELHI
24	258828	4422/DELNP/2007	03/11/2005	22/12/2004	AN OPTHALMIC DEVICE	BAUSCH & LOMB INCORPORATED	24/08/2007	DELHI
25	258829	10031/DELNP/200 8	14/06/2007	26/06/2006	ARTICLES COMPRISING POLYIMIDE SOLVENT CAST FILM HAVING LOW COEFFICIENT OF THERMAL EXPANSION AND METHOD OF MANUFACTURE THEREOF	SABIC INNOVATIVE PLASTICS IP B.V	27/03/2009	DELHI

26	258830	3760/DEL/1997	23/12/1997	30/12/1996	ORAL CARE COMPOSITION	BASF CORPORATION	28/06/2013	DELHI
27	258831	4373/DELNP/2007	22/12/2005	24/12/2004	A PROCESS FOR THE MANUFACTURE OF A COMPOUND OF FORMULA I (ROSUVASTATIN) OR ITS PHARMACEUTICALLY ACCEPTABLE SALTSL PROCESS	ASTRAZENECA UK LIMITED	24/08/2007	DELHI
28	258833	261/DEL/2007	08/02/2007 14:56:20		METHOD OF PREPARING NANOCRYSTALLINE MGO AND ZNO PRODUCTS AND USING SAME FOR REMOVING FLUORIDE AND ARSENIC FROM CONTAMINATED WATER	DEPARTMENT OF SCIENCE AND TECHNOLOGY	05/09/2008	DELHI
29	258834	2504/DELNP/2006	10/10/2004	14/11/2003	ACTIVE AGENT COMBINATIONS WITH INSECTICIDAL AND ACARICIDAL PROPERTIES	BAYER CROPSCIENCE AKTIENGESELLSCHAF T	18/05/2007	DELHI
30	258835	3054/DELNP/2009	14/11/2007	15/11/2006	A SURFACE-TREATED METAL MATERIAL COMPRISING A COMPOSITION FILM FORMED	NIPPON STEEL CORPORATION	16/04/2010	DELHI
31	258836	7822/DELNP/2007	04/04/2006	29/04/2005	CATALYST PRECURSOR FOR THE PRODUCTION OF OLEFINS WITH AN ODD NUMBER OF CARBON ATOMS, PROCESS FOR ITS PREPARATION AND PRODUCTION METHOD FOR SUCH OLEFINS	SAUDI BASIC INDUSTRIES CORPORATION.	09/11/2007	DELHI
32	258837	3023/DELNP/2007	26/10/2005	27/10/2004	METHOD FOR PRODUCING CHIRAL ALCOHOLS	IEP GMBH	17/08/2007	DELHI
33	258838	315/DEL/2006	03/02/2006		A PROCESS FOR SEPARATION OF SHELL MEMBRANE FROM WET EGG SHELLS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	17/08/2007	DELHI
34	258839	790/DELNP/2006	06/09/2004	12/09/2003	POLYPROPYLENE BLOWN FILM	BOREALIS TECHNOLOGY OY	17/08/2007	DELHI
35	258841	8512/DELNP/2008	26/03/2007	31/03/2006	A COATED SUBSTRATE	MILLIKEN & COMPANY	01/05/2009	DELHI
36	258842	8770/DELNP/2008	16/05/2007	16/05/2006	METHOD AND DEVICE FOR PROVIDING A GASEOUS MIXTURE	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLO GIE MBH	27/03/2009	DELHI
37	258844	3452/DELNP/2007	28/10/2005	29/10/2004	A METHOD OF PACKAGING PLASTIC MASS	BOSTIK, INC	31/08/2007	DELHI
38	258846	685/DELNP/2004	04/10/2002	14/12/2001	METHOD FOR PRESSING ARTICLES FROM POWDER MATERIALS AND A MOLD FOR CARRYING OUT SAID METHOD	TOMSKY POLITEKHNICHESKY UNIVERSITET	30/10/2009	DELHI

39	258848	2155/DELNP/2007	21/09/2005	21/09/2004	CHROMAN COMPOUNDS AND COMPOSITION THEREOF	MARSHALL EDWARDS , INC.	03/08/2007	DELHI
40	258849	278/DEL/2005	09/02/2005	10/02/2004	APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING DETERMINATION OF SYNCHRONIZATION STATUS OF DATABASE COPIES CONNECTED BY WAY OF A RADIO AIR INTERFACE OF A RADIO COMMUNICATION SYSTEM	RESEARCH IN MOTION LIMITED	31/07/2009	DELHI
41	258853	5981/DELNP/2006	17/02/2005	17/03/2004	A RESIN COMPOSITION	MITSUI CHEMICALS,INC	24/08/2007	DELHI
42	258856	1014/DELNP/2007	29/08/2005	02/09/2004	A PROCESS FOR PRODUCING CRUDE TERAPHTHALIC ACID	GRUPO PETROTEMEX, S.A. DE C.V.	27/04/2007	DELHI
43	258860	6386/DELNP/2007	30/03/2006	31/03/2005	A METHOD OF PRODUCING AN ENANTIOMETRIC ISOMER SEPARATING AGENT	DAICEL CHEMICAL INDUSTRIES,LTD	31/08/2007	DELHI
44	258862	5075/DELNP/2005	28/04/2004	02/05/2003	PROCESS FOR THE PREPARATION OF (4- HYDROXY-6-OXO- TETRAHYDROPYRAN-2-YL) ACETONITRILE AND DERIVATIVES THEREOF	DSM IP ASSETS B. V.	28/09/2007	DELHI
45	258863	4568/DELNP/2008	09/10/2006	28/11/2005	PROCESS FOR THE PRODUCTION OF ORGANOSILSESQUIOXANE S	THE WELDING INSTITUTE	15/08/2008	DELHI
46	258867	7318/DELNP/2007	23/03/2006	24/03/2005	PROCESS FOR MICROBIAL PRODUCTION OF A VALUABLE COMPOUND	DSM IP ASSETS B. V.	26/10/2007	DELHI
47	258869	535/DELNP/2007	05/07/2005	05/07/2004	'CONFECTIONERY PRODUCT'	CADBURY HOLDINGS LIMITED.	03/08/2007	DELHI
48	258881	6085/DELNP/2007	23/02/2006	23/02/2005	MUTANT AOX 1 PROMOTERS	TECHNISCHE UNIVERSITAT GRAZ,VTU HOLDING GMBH	17/08/2007	DELHI
49	258883	643/DEL/2005	18/09/2005		A PROCESS FOR PRODUCING A SANITARY NAPKIN	SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH	19/06/2009	DELHI
50	258885	2012/DELNP/2007	13/09/2005	16/09/2004	IODOPHENYL- SUBSTITUTED CYCLIC KETOENOLS	BAYER CROPSCIENCE AG	17/08/2007	DELHI
51	258886	8717/DELNP/2008	16/03/2007	16/05/2006	METHOD AND DEVICE FOR PROCESSING THE WASTE GAS OF AN INTERNAL COMBUSTION ENGINE	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLO GIE MBH	15/05/2009	DELHI

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1	258788	2071/MUMNP/2008	30/03/2007	03/04/2006	METHOD FOR DATA TRANSMISSION IN A RADIO COMMUNICATION SYSTEM AS WELL AS RADIO STATION AND RADIO COMMUNICATIONS SYSTEM	NOKIA SIEMENS NETWORK GMBH & CO. KG	20/02/2009	MUMBAI
2	258804	1585/MUM/2007	17/08/2007		METHOD AND QUENCH APPARATUS FOR MELT SPINNING OF CONTINUOUS POLYMERIC FILAMENT YARNS	RELIANCE INDUSTRIES LIMITED	29/05/2009	MUMBAI
3	258806	67/MUM/2004	23/01/2004	31/01/2003	SYSTEMS AND METHODS FOR DETERRING SOFTWARE PIRACY IN A VOLUME LICENSE ENVIRONMENT	MICROSOFT CORPORATION	01/06/2007	MUMBAI
4	258808	992/MUMNP/2008	01/09/2006	24/10/2005	FLOW BASED FAIR SCHEDULING IN MULTI-HOP WIRELESS NETWORKS	QUALCOMM INCORPORATED	18/07/2008	MUMBAI
5	258812	200/MUMNP/2008	19/09/2006	28/09/2005	STEAM TRAP MONITORING	ROSEMOUNT INC.	26/06/2009	MUMBAI
6	258813	80/MUM/2011	10/01/2011 16:37:55		METHOD OF MAKING DIACETAL COMPOUNT IN AQUEOUS MEDIUM	RELIANCE INDUSTRIES LTD.	17/08/2012	MUMBAI
7	258814	2157/MUMNP/2009	03/06/2008	06/06/2007	APPARATUS AND METHOD FOR THE WET CHEMICAL TREATMENT OF A PRODUCT AND METHOD FOR INSTALLING A FLOW MEMBER INTO THE APPARATUS	ATOTECH DEUTSCHLAND GMBH.	18/06/2010	MUMBAI
8	258821	216/MUM/2004	23/02/2004	06/03/2003	INTEGRATING DESIGN, DEPLOYMENT, AND MANAGEMENT PHASES FOR SYSTEMS	MICROSOFT CORPORATION	06/07/2007	MUMBAI

9	258843	2320/MUM/2008	29/10/2008 17:17:38	30/10/2007	BILL HANDLING DEVICE	HITACHI-OMRON TERMINAL SOLUTIONS, CORP.	12/06/2009	MUMBAI
10	258854	811/MUMNP/2008	27/10/2006	27/10/2005	RESOURCE ALLOCATION METHOD DURING A TUNE AWAY PROCEDURE AND A WIRELESS COMMUNICATION APPARATUS THEREFOR	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
11	258874	1813/MUM/2008	28/08/2008 15:33:55	22/02/2008	DEVELOPING CARTRIDGE, IMAGE FORMING APPARATUS HAVING THE SAME, AND PRINTING METHOD FOR AN IMAGE FORMING APPARATUS	SAMSUNG ELECTRONICS CO., LTD	04/09/2009	MUMBAI
12	258875	2314/MUMNP/2008	01/03/2007	01/03/2007	HIGH PERFORMANCE GEOSYNTHETIC ARTICLE	PRS MEDITERRANEAN LTD.	27/02/2009	MUMBAI
13	258878	1471/MUMNP/2008	02/02/2007	02/02/2006	AN APPARATUS AND METHOD FOR HYBRID AUTOMATIC REPEAT REQUEST	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
14	258882	2193/MUM/2008	13/10/2008 16:27:41		LIGHT EMITTING UNIT AND LIGHT EMITTING ASSEMBLY INCLUDING THE SAME	QUAN MEI TECHNOLOGY CO., LTD.	15/05/2009	MUMBAI
15	258888	725/MUM/2007	12/04/2007		A MULTILAYER THERMOFORMABLE PACKAGING LAMINATE	BILCARE LIMITED	23/01/2009	MUMBAI
16	258889	1182/MUMNP/2010	17/12/2008	24/12/2007	TUYERE ASSEMBLY	POSCO	01/10/2010	MUMBAI
17	258892	1067/MUMNP/2008	06/11/2006	02/12/2005	LAUNDRY COMPOSITION	HINDUSTAN UNILEVER LIMITED,	11/07/2008	MUMBAI

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1	258781	1443/CHE/2008	13/06/2008		A GASIFIER WITH CONCENTRIC CONE REACTOR FOR PRODUCTION OF PRODUCER GAS FROM BIOMASSES AND COAL	BINOY HARIS	18/12/2009	CHENNAI
2	258790	4362/CHENP/20 06	20/05/2005	28/05/2004	A METHOD FOR EVALUATING IMAGE DATA	KONNINKLIJKE PHILIPS ELECTRONICS N.V	29/06/2007	CHENNAI
3		2719/CHENP/20 08	01/11/2006	08/11/2005	FIELD-EFFECT TRANSISTOR	CANON KABUSHIKI KAISHA	06/03/2009	CHENNAI
4	258792	1268/CHENP/20 07	14/09/2005	27/09/2004	TOOL FOR ASSISTING IN CUTTING THE CONDUCTORS OF AN ELECTRICAL CABLE TO A PRECISE LENGTH	AIRBUS OPERATIONS SAS	31/08/2007	CHENNAI
5		2125/CHENP/20 08	19/10/2006	31/10/2005	LIQUID COOLED BRAKE ASSEMBLY	WARNER ELECTRIC TECHNOLOGY LLC	27/02/2009	CHENNAI
6	258801	1901/CHENP/20 07	04/10/2005	04/10/2004	5- PHENOXYALKOXYPSORAL ENS AND METHODS FOR SELECTIVE INHIBITION OF THE VOLTAGE GATED KV1.3 POTASSIUM CHANNEL	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	31/08/2007	CHENNAI
7	258807	1325/CHENP/20 07	30/09/2005	30/09/2004	METHOD FOR OPERATION OF A BRIDGE CALL APPEARANCE IN DISTRIBUTED PEER-TO- PEER NETWORK	AVAYA CANADA CORP.	31/08/2007	CHENNAI
8	258816	596/CHE/2004	22/06/2004	24/06/2003	DOMESTIC REFRIGERATION APPLIANCE WITH REMOVABLE SHELF SUPPORTS	WHIRLPOOL CORPORATION	04/03/2005	CHENNAI
9	258817	705/CHENP/200 8	09/08/2006	09/08/2005	AN ELECTROMECHANICAL METHOD FOR WORKING, SMOOTHING AND COLD- HARDENING THE SURFACE OF TOOLS, MACHINE PARTS AND OTHER PARTS	LOCKER, Christian	28/11/2008	CHENNAI
10	258826	635/CHE/2008	14/03/2008 15:42:18	15/03/2007	DRIVING APPARATUS FOR RAILWAY ROLLING STOCKS	KABUSHIKI KAISHA TOSHIBA	11/09/2009	CHENNAI

11	258840	923/CHE/2004	14/09/2004	19/09/2003	CARBAMATE CONDENSATION METHOD AND UNIT FOR CARRYING OUT SUCH A METHOD	UREA CASALE S.A	14/08/2009	CHENNAI
12	258847	4725/CHENP/20 08	07/03/2007	07/03/2006	RESIN COATED METAL PLATE AND A SURFACE- TREATING COMPOSITION FOR PRODUCING THE SAME	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	13/03/2009	CHENNAI
13	258851	446/CHENP/200 7	01/07/2005	01/07/2004	AN INTERLEAVER SYSTEM AND A METHOD FOR MIMO TRANSMISSION OF ENCODED DATA IN THE INTERLEAVER SYSTEM	QUALCOMM Incorporated	24/08/2007	CHENNAI
14	258858	4245/CHENP/20 06	12/05/2005	19/05/2004	BRIDGED MONOAZO DYES	CLARIANT FINANCE (BVI) LIMITED	06/07/2007	CHENNAI
15	258859	3755/CHENP/20 06	11/02/2005	10/04/2004	ADAPTER WITH WHICH TO CONNECT A WIPER BLADE TO A WIPER ARM IN AN ARTICULATED MANNER	ROBERT BOSCH GmbH	06/07/2007	CHENNAI
16	258861	2485/CHE/2006	29/12/2006		A METHOD FOR FAST HANDOFF BASED ON LAYER 3 PROTOCOL TYPE	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
17	258864	4360/CHENP/20 06	26/05/2005	27/05/2004	METHOD FOR MANUFACTURING A REINFORCEMENT	KELLY,STEVEN,EDWA RD	29/06/2007	CHENNAI
18	258865	1389/CHE/2008	06/06/2008	07/06/2007	GRAPHITE MATERIAL AND A METHOD OF PRODUCING GRAPHITE MATERIAL	IBIDEN CO., LTD.	21/08/2009	CHENNAI
19	258868	357/CHE/2005	01/04/2005	02/04/2004	TEXTILE MACHINE WITH AUTOMATIC BOBBIN CHANGING DEVICE AND METHOD FOR THE OPERATION THEREOF	MASCHINENFABRIK RIETER AG	08/06/2007	CHENNAI
20	258870	2083/CHE/2007	17/09/2007	19/09/2006	ADAPTOR, ASSEMBLY OF BATTERY PACK AND ADAPTOR, AND ELECTRIC TOOL WITH THE SAME	HITACHI KOKI CO.,LTD.	17/04/2009	CHENNAI
21	258871	4078/CHENP/20 08	28/12/2006	06/01/2006	TRISAZO COMPOUND, INK COMPOSITION, RECORDING METHOD, AND COLORED ARTICLE	NIPPON KAYAKU KABUSHIKI KAISHA	13/03/2009	CHENNAI
22	258872	5773/CHENP/20 08	19/03/2007	29/03/2006	PYRIDINE AND PYRIMIDINE DERIVATIVES AS mGluR2 ANTAGONISTS	F.HOFFMANN-LA ROCHE AG	27/03/2009	CHENNAI
23	258873	2981/CHENP/20 08	14/12/2006	15/12/2005	METHOD AND APPARATUS FOR SUPPORTING WALLS OF A HANGING FURNACE OF A THERMAL POWER BOILER	FOSTER WHEELER ENERGIA OY	06/03/2009	CHENNAI
24	258877	4354/CHENP/20 07	03/03/2006	03/03/2005	DIARYLPHENOXY ALUMINUM COMPOUND	BASF AKTIENGESELLSCHAF T	25/01/2008	CHENNAI

25	258884	124/CHE/2007	19/01/2007		HANDLEBAR MOUNTING ASSEMBLY	R & D, TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
26	11 / S X X X / 1	2937/CHENP/20 08	28/11/2006	14/12/2005	A DIGITAL COMMUNICATION SYSTEM	NEC CORPORATION	06/03/2009	CHENNAI
27	258890	2491/CHE/2007	01/11/2007		METHOD OF PERFORMING EDITING OF TEXTDOCUMENT BY A MULTI-FUNCTIONAL PERIPHERAL	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
28	258891	1184/CHE/2005	25/08/2005		METHOD OF AUTHENTICATING FACSIMILE DATA FOR TRANSMISSION	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	27/07/2007	CHENNAI
29	258893	2489/CHE/2006	29/12/2006		METHOD OF MANAGING CUSTOMISED RING BACK TONE IN A MULTIFUNCTIONAL PERIPHERAL	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI

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1	258785	4434/KOLNP/2 007	05/04/2006	19/05/2005	CONDITIONING OF A LITHO STRIP	HYDRO ALUMINIUM DEUTSCHLAND GMBH	25/01/2008	KOLKATA
2	258787	3641/KOLNP/2 006	10/05/2004	10/05/2004	METHOD AND APPARATUS FOR PERFORMING A PERMISSION STATUS CHECK OF A MOBILE EQUIPMENT	TELEFONAKTIEBOLA GET LM ERICSSON	15/06/2007	KOLKATA
3	258798	1765/KOLNP/2 009	15/10/2007	17/10/2006	SPHERICAL RUBBER CHEMICALS AND THE METHOD FOR PREPARING THE SAME	JIANGSU SINORGCHEM TECHNOLOGY CO., LTD.	12/06/2009	KOLKATA
4	258799	2641/KOLNP/2 008	18/12/2006	23/12/2005	TWO-STAGE CURE POLYIMIDE OLIGOMERS	I. S. T. (MA) CORPORATION	30/01/2009	KOLKATA
5	258800	440/KOLNP/20 08	02/08/2006	02/08/2005	A PROCESSING UNIT FOR PROCESSING A MEASURING SIGNAL RELATED TO CONDITIONS OF AN OBJECT CONTROLLED BY POWER ELECTRONICS	ATLAS COPCO AIRPOWER N.V.	17/04/2009	KOLKATA
6	258803	4837/KOLNP/2 007	24/04/2006	19/05/2005	PHENYLQUINAZOLINE DERIVATIVES	MERCK PATENT GMBH	02/01/2009	KOLKATA
7	258818	364/KOLNP/20 05	24/07/2003	03/09/2002	SPEED CONTROL FOR COMPRESSORS	ATLAS COPCO AAIRPOWER, NAAMLOZE VENNOOTSCHAP	24/02/2006	KOLKATA
8	258832	3867/KOLNP/2 007	27/04/2006	27/04/2005	A CYLINDRICAL CATALYST BODY	SUD-CHEMIE IP GMBH & CO. KG.	25/01/2008	KOLKATA
9	258845	1702/KOLNP/2 007	08/11/2005	10/11/2004	DATA PLAYBACK METHOD AND DATA PROCESSING APPARATUS	PANASONIC CORPORATION	27/07/2007	KOLKATA
10	258850	265/KOLNP/20 08	20/06/2006	29/06/2005	CLIMBING FORMWORK	PERI GMBH	19/09/2008	KOLKATA
11	258852	342/KOLNP/20 07	21/06/2005	02/07/2004	DEVICE FOR ALIGNING TWO SHELL MOLDS	INTERGLASS TECHNOLOGY AG	06/07/2007	KOLKATA
12	258855	491/KOLNP/20 07	12/07/2004	12/07/2004	A METHOD AND APPARATUS FOR TESTING A RADIO NETWORK UNDER INCREASED TRAFFIC LOAD	TELEFONAKTIEBOLA GET LM ERICSSON (publ)	03/04/2009	KOLKATA

13	258857	71/KOL/2007	19/01/2007		DESIGN OF A FIXTURE FOR CONDUCTING IMPACT TENSILE TEST OF PLANE AND WELDED SHEET METALS USING STANDARD IMPACT TESTER	TATA STEEL LIMITED	29/08/2008	KOLKATA
14	258866	1616/KOL/200 7	29/11/2007	06/12/2006	METHOD AND DEVICE FOR PRODUCING A NONWOVEN FROM CONTINUOUS FILAMENTS	REIFENHAUSER GMBH & CO.KG. MASCHINENFABRIK	11/07/2008	KOLKATA
15	258876	417/KOL/2008	03/03/2008		AN EPOXY RESIN MOULDED TERMINAL BUSHING ASSEMBLY FOR HYDROGEN COOLED HIGH VOLTAGE ELECTRICAL GENERATOR	BHARAT HEAVY ELECTRICALS LIMITED	04/09/2009	KOLKATA
16	258879	3213/KOLNP/2 006	23/03/2005	05/04/2004	DEVICE AND METHOD FOR MOUNTING A CYLINDER ON A SIDE FRAME OF A PRINTING UNIT	KOENIG & BAUER AKTIENGESELLSCHA FT	08/06/2007	KOLKATA
17	258880	2950/KOLNP/2 008	27/12/2006	23/01/2006	A PROTECTIVE DEVICE FOR AN ELECTRICAL CONNECTION OF A TRANSFORMER	SIEMENS AKTIENGESELLSCHA FT	06/02/2009	KOLKATA
18	258898	1214/KOL/200 8	16/07/2008		A NEW METHOD FOR IMPROVING COKE STRENGTH BY WATER QUENCHING AND THE PROCESS THEREOF	TATA STEEL LIMITED	22/01/2010	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

PUBLIC NOTICE

Due to technical problem the O/O CGPDTM is unable to publish the publication of registered design u/s 7 of the Design Act, 2000 for this week (Journal no. 7 and date of publication14/02/2014)

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SL NO	CASE NUMBERS	RENEWED ON
1.	191894	20.01.2014
2.	191898	20.01.2014
3.	191911	20.01.2014
4.	191913	20.01.2014
5.	195199	07.01.2014
6.	195201	09.01.2014
7.	195202	09.01.2014
8.	195203	07.01.2014
9.	195204	07.01.2014
10.	195273	09.01.2014
11.	205489	20.01.2014
12.	205491	20.01.2014
13.	205492	20.01.2014
14.	205494	20.01.2014
15.	205495	20.01.2014
16.	205496	20.01.2014
17.	213628	20.01.2014
18.	213629	20.01.2014
19.	213630	20.01.2014
20.	216858	20.01.2014
21.	216860	20.01.2014
22.	192174	30.01.2014
23.	192175	30.01.2014

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of HINDUSTAN UNILEVER LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-