

पेटेंट कार्यालय
का
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 28/2013
ISSUE NO. 28/2013

शुक्रवार
FRIDAY

दिनांक: 12/07/2013
DATE: 12/07/2013

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

12 JULY, 2013

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**THE PATENT OFFICE
KOLKATA, 12/07/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	<p>Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <ul style="list-style-type: none"> ❖ Rest of India
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh. 		

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 12/07/2013
कार्यालयों के क्षेत्राधिकार के पते
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ
नीचे दिए गए हैं :-

1	<p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टू ईंगल फ्लार्स जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in</p> <p>❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in</p> <p>❖ भारत का अवशेष क्षेत्र</p>
3	<p>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</p> <p>❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

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 रखीकृत 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 है।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. 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.1709/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SANDWICH PROCESS OF GOLD BRASS BONDING.

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAMOD KUMAR AGARWAL
(32) Priority Date	:NA	Address of Applicant :C 41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India
(33) Name of priority country	:NA	2)YOGENDRA GARG
(86) International Application No Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRAMOD KUMAR AGARWAL
(61) Patent of Addition to Application Number Filing Date	:NA	2)YOGENDRA GARG
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A sandwich process of Gold - Brass Bonding A process of Gold (Alloyed) - Brass Bonding comprising the steps of: casting continuously to get a strip of both gold and brass; and rolling of both gold and brass strip to desired dimensions in order to achieve the required percentage of gold and brass; placing thick brass strip between two gold strips so as to obtained sandwich form; wrapping sandwich in iron strip and clamping between iron plates; putting the clamped assembly in furnace; fed the sandwich at pressure for some time; removing iron plate and sheet; rolling down resulting bonded strip to desired thickness or annealing after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1710/DEL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A WIRE PROCESS OF GOLD - BRASS BONDING

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAMOD KUMAR AGARWAL
(32) Priority Date	:NA	Address of Applicant :C41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India
(33) Name of priority country	:NA	2)YOGENDRA GARG
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YOGENDRA GARG
(87) International Publication No	: NA	2)PRAMOD KUMAR AGARWAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process of Gold (Alloyed) - Brass Bonding comprising the steps of: casting continuously to get a strip of both gold and brass; and rolling of both gold and brass strip to desired dimensions in order to achieve the required percentage of gold and brass; placing thick brass strip between two gold strips so as to obtained sandwich form; wrapping sandwich in iron strip and clamping between iron plates; putting the clamped assembly in furnace; fed the sandwich at pressure for some time; removing iron plate and sheet; rolling down resulting bonded strip to desired thickness or annealing after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1707/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SANDWICH PROCESS OF GOLD - SILVER BONDING

(51) International classification	:C22C	(71) Name of Applicant : 1)PRAMOD KUMAR AGARWAL Address of Applicant :C 41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India 2)YOGENDRA GARG
(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	

(57) Abstract :

A process of Gold- Copper Bonding comprising the steps of: casting continuously to get a strip of both gold and copper; and rolling of both gold and copper strip to desired dimensions in order to achieve the required percentage of gold and copper; placing thick copper strip between two gold strips so as to obtained sandwich form; wrapping sandwich in iron strip and clamping between iron plates; putting the clamped assembly in furnace; fed the sandwich at pressure for some time; removing iron plate and sheet; rolling down resulting bonded strip to desired thickness or annealing after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1708/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : A WIRE PROCESS OF GOLD - COPPER BONDING.

(51) International classification	:c22c	(71) Name of Applicant : 1)PRAMOD KUMAR AGARWAL Address of Applicant :C 41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India 2)YOGENDRA GARG
(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	

(57) Abstract :

A process of Gold - Copper Bonding comprising the steps of: casting continuously to get a strip of both gold and copper; and rolling of both gold and copper strip to desired dimensions in order to achieve the required percentage of gold and copper; pasting said gold and copper strip using high temperature in continuous belt furnace; rolling that strip upto desired final thickness; feeding that rolled final strip to tig gold seam for making tube; and inserting copper core wire; drawing subsequent consecutively smaller dies so as to obtained final size; or annealing at 530°C after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1706/DEL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A WIRE PROCESS OF GOLD (ALLOYED - SILVER (ALLOYED) BONDING.

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAMOD KUMAR AGARWAL
(32) Priority Date	:NA	Address of Applicant :C 41, LAJPAT MARG, C-SCHEME,
(33) Name of priority country	:NA	JAIPUR Rajasthan India
(86) International Application No	:NA	2)YOGENDRA GARG
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRAMOD KUMAR AGARWAL
(61) Patent of Addition to Application Number	:NA	2)YOGENDRA GARG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process of Gold (Alloyed) - Silver (Alloyed) Bonding comprising the steps of: casting continuously to get a strip of both gold and silver; and rolling of both gold and silver strip to desired dimensions in order to achieve the required percentage of gold and silver; pasting said gold and silver strip using high temperature in continuous belt furnace; rolling that strip upto desired final thickness; feeding that rolled final strip to tig gold seam for making tube; and inserting silver core wire; drawing subsequently smaller dies so as to obtain final size; or annealing at 530°C after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : COKE DRUM ANALYSIS APPARATUS AND METHOD

(51) International classification	:C10B	(71) Name of Applicant : 1)SUMITOMO HEAVY INDUSTRIES PROCESS EQUIPMENT CO., LTD. Address of Applicant :1501, IMAZAIKE, SAIJO-SHI, EHIME 799-1393, Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YAMAMOTO, TOSHIYA
(87) International Publication No	: NA	2)HUEHTAOLI
(61) Patent of Addition to Application Number	:NA	3)NIIMOTO, SHINTA
Filing Date	:NA	4)OOHATA, MITSURU
(62) Divisional to Application Number	:NA	5)TAGAWA, TETSUYA
Filing Date	:NA	6)MINAMI, FUMIYOSHI

(57) Abstract :

Provided is a coke drum analysis apparatus and method, in which a thickness of coke adhering to an inner surface of a sidewall portion of a coke drum is calculated based on change in a temperature of an outer surface of the sidewall portion and a water level ascent velocity of quenching water, and change in a temperature of the inner surface of the sidewall portion is calculated based on the water level ascent velocity and the calculated thickness of the coke.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2013

(21) Application No.5193/DELNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BREWED BEVERAGE APPLIANCE AND METHOD

(51) International classification	:A23F5/00
(31) Priority Document No	:13/230980
(32) Priority Date	:13/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/044281
Filing Date	:27/06/2012
(87) International Publication No	:WO 2013/039590
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONAIR CORPORATION

Address of Applicant :One Cummings Point Road Stamford Connecticut 06902 U.S.A.

(72)Name of Inventor :

1)LAI Kin Man

2)FUNG Kam Fai

3)SCHNABEL Barbara Lynn

4)ORENT Jill Frances Kreutzer

(57) Abstract :

A beverage making appliance uses a specialized beverage container and a related method of brewing a beverage. The container includes a cup shaped body having a floor a circumferential wall and a top opening a filter element positioned above the floor at least one aperture formed in the floor and a cover releasably attached to the cup body and covering the top opening. The appliance includes a base adapted to receive a beverage receptacle a reservoir a housing a brewing tray in mechanical communication with the housing and dimensioned to receive a container containing at least one drink ingredient having particles of a first size a grinding mechanism and a water delivery mechanism to selectively deliver water from the reservoir to one of a brewed beverage outlet in fluid communication with the receptacle and a hot water outlet.

No. of Pages : 80 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4990/DELNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BREWED BEVERAGE APPLIANCE AND METHOD

(51) International classification	:A47J31/42
(31) Priority Document No	:13/231035
(32) Priority Date	:13/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/044100
Filing Date	:26/06/2012
(87) International Publication No	:WO 2013/039588
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONAIR CORPORATION

Address of Applicant :One Cummings Point Road Stamford CT 06902 U.S.A.

(72)Name of Inventor :

1)LAI Kin Man

2)FUNG Kam Fai

3)SCHNABEL Barbara Lynn

(57) Abstract :

A beverage appliance includes a housing having a liquid reservoir a brewing station disposed within the housing and in fluid communication with the liquid reservoir a grinding station disposed within the housing and being functionally separate from said brewing station and a brewing carriage being selectively movable between a first position adjacent the grinding station and a second position adjacent the brewing station. Movement of the brewing carriage between the first and second position shifts a beverage ingredient in the brewing carriage from the first position to the second position and when the brewing carriage is in the in said second position liquid is dispensed from the liquid reservoir and directed to the brewing carriage to produce a brewed beverage.

No. of Pages : 73 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1711/DEL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SANDWICH PROCESS OF SILVER-COPPER BONDING.

(51) International classification	:C22C	(71) Name of Applicant : 1)PRAMOD KUMAR AGARWAL Address of Applicant :C41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India 2)YOGENDRA GARG
(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	

(57) Abstract :

A process of silver- Copper Bonding comprising the steps of: casting continuously to get a strip of both silver and copper; and rolling of both silver and copper strip to desired dimensions in order to achieve the required percentage of silver and copper; placing thick copper strip between two silver strips so as to obtained sandwich form; wrapping sandwich in iron strip and clamping between iron plates; putting the clamped assembly in furnace; fed the sandwich at pressure for some time; removing iron plate and sheet; rolling down resulting bonded strip to desired thickness or annealing after each lmm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1712/DEL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A WIRE PROCESS OF SILVER-COPPER BONDING

(51) International classification	:C22C	(71) Name of Applicant : 1)PRAMOD KUMAR AGARWAL Address of Applicant :C41, LAJPAT MARG, C-SCHEME, JAIPUR Rajasthan India 2)YOGENDRA GARG
(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	

(57) Abstract :

A process of Silver - Copper Bonding comprising the steps of: casting continuously to get a strip of both silver and copper; and rolling of both silver and copper strip to desired dimensions in order to achieve the required percentage of silver and copper; pasting said silver and copper strip using high temperature in continuous belt furnace; rolling that strip upto desired final thickness; feeding that rolled final strip to tig silver seam for making tube; and inserting copper core wire; drawing subsequent consecutively smaller dies so as to obtained final size; or annealing at 5300C after each 1mm reduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2013

(21) Application No.2060/MUM/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FORMULATION OF ANTIOXIDANT AND NUTRITIENT RICH SOYABASED FOOD PRODUCTS TO COMBAT MALNUTRITION AND DREADED DISEASES

(51) International classification	:A23J 3/16; , C12F3/00	(71)Name of Applicant : 1)DR. GHATGE NALINI SAHEBRAO Address of Applicant :C/O KAMLESH ARVIND SHAH, DEEPAK PATIL WAREHOUSE, GATE NO. 240, NH4, AMBAP PHATA, TAL: HATH-KANAGLE, DIST.: KOLHAPUR. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)DR. GHATGE NALINI SAHEBRAO 2)DR. PATTAN SHASHIKANT RUDRAPPA
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 :

Malnutrition among the preschool children is global health disease. Malnutrition is the greatest threat to global public health. It has estimated that 178 millions children are malnourished around the World. Whereas 40 per cent children are found under nourished among them 6.4 per cent are estimated severely malnourished in India. The rate of malnutrition in India is twice to as high as it in all of Sub Saharian Africa and five times higher than China. In fact the number of starving children in Indian is increasing by 2.5 per cent in the population. To combat malnutrition and dreaded disease the innovation in the formulation of traditional based soyaproducts are essential . As soybean is a nutritional gift and wonder bean which is rich in antioxidant, has nutraceutical properties and content all most all nutrients. The amminoacid pattern of the soya bean is similar to cow milk. It is an alkaline in nature. It is cheap in cost amongst in all legume. Hence the formulation of Soyaproducts are done. These products are Soyaladoo, Soyaflakes Chiwada and Soyachakali. The keeping quality of these products were good . There were no significant change in nutrient content observed after storage. It does not content antinutritional factors. These products have high protein digestibility as well as iron availability. These products significantly helps in treating malnutrition among the preschool children. These products have positive impact on- Food Intake Pattern, Nutrient Intake, Anthropometric Measurement, Clinical Examination and Biochemical Analysis of preschool malnourished children.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2012

(21) Application No.2677/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MULTIFUNCTIONAL THRUST VECTOR CONTROL TROLLEY (MTVC-TROLLEY)

(51) International classification	:B64C15/00	(71) Name of Applicant : 1)AIRCRAFT UPGRADE, RESEARCH & DESIGN CENTRE, HAL NASIK Address of Applicant :AURDC, HINDUSTAN AERONAUTICS LIMITED, OJHAR TOWNSHIP PO, NASIK-422207 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)YOGESH RAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improve design of multifunctional Thrust Vector Control Trolley. Thrust vector Control Trolley is a Ground Aviation Turbine Fuel hydraulic installation. During aircraft flight, the vectoring angle is controlled by fly by wire system as per flight requirement. On ground MTVC Trolley is a substitute to the engine driven pump, which supplies ATF at desired pressure to operate actuating jacks of nozzle flaps while engine is in operation. The MTVC trolley is used post engine installation on aircraft for checking and adjustment of aero engine parameters. For design of Improved Multifunctional Thrust Vector Control Trolley, the complete ground system is made by using general purpose industrial elements replacing high cost low life aviation articles like pump, instruments and controls etc. Hence invented equipment is cost effective, user friendly and easy to maintain. The high RPM airborne Pump has been replaced by gear pump. The new system prime mover electric motor coupled directly with gear pump. Variable frequency drive of electric motor is being used for varying the frequency of input electric power to the motor there by RPM of the motor. Controlling the RPM of electric motor is use for regulation of pressure and flow of the system. This new integration technology makes the system unique. Cooling of working fluid is achieved by direct refrigerant chiller or indirect water chilling unit based on refrigerant cooling at suction or in return line. In experimental unit cooling coil has been put in reservoir. Further equipment is having additional low load starting feature which is provided by unloading of the system even at peak pressure incase of power failure, emergency or sudden stoppage of the pump.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2013

(21) Application No.2139/MUM/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HYBRID SECURITY SYSTEM FOR NEAR FIELD COMMUNICATION

(51) International classification	:H04B5/00	(71) Name of Applicant : 1)Dr. Sanjay Trymbak Gandhe Address of Applicant :B-204 Ram Janki Apartments, Chaitanya Nagar, Nr. Nirmala Convent, Off. Gangapur Road Nashik-422013 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

NFC enabled mobile phones as an everyday consumer device, for use in a wide array of business applications, is fast becoming a reality. For players within the mobile environment to be ready for the wave of opportunity NFC brings with it, it is vital for infrastructure modifications and expansion to be based on recognized industry standards. Without the appropriate standards to manage backend systems, exchange messages, download and personalize applications, and manage secure element contents, it will be impossible to achieve consistency, reliability and interoperability in the NFC mobile ecosystem. Our proposed hybrid secure model provides well known face recognition technique i.e. DWT+PCA provide consistency, reliability and interoperability. DWT is used as a preprocessing tool which improves the recognition performance significantly. This improvement includes a substantial reduction in error rate and processing time of obtaining PCA orthonormal basis representation. These improvements lead an enhancement to security of system and moving toward real time face recognizer and did not affect other suitable properties PCA method adversely. Following invention is described in detail with the help of Figure 1 of Sheet 1 illustrates Block Diagram of proposed system, Figure 2 of Sheet 2 illustrates Block Diagram of proposed Security Model, Figure 3 of Sheet 3 showing Forward DWT, Figure 4 of Sheet 4 showing Image decomposition where Figure a denotes single level decomposition, Figure b denotes two level decomposition, Figure C denotes three level decomposition, Figure 5 of Sheet 5 showing High-level functioning principle of the DWT + PCA based facial recognition algorithm.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1530/MUM/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A HERBAL CONTRACEPTIVE COMPOSITION

(51) International classification	:a61k36/00	(71) Name of Applicant : 1)AHIRWAR, DHEERAJ Address of Applicant :SCHOOL OF PHARMACY, CHOUKSEY ENGG. COLLEGE, LAL KHADAN, MASTURI ROAD, BILASPUR 495004, CHATTISGARH, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	2)JHADE, DEENANATH
(87) International Publication No	: NA	3)AHIRWAR, BHARTI
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AHIRWAR, DHEERAJ
(62) Divisional to Application Number	:NA	2)JHADE, DEENANATH
Filing Date	:NA	3)AHIRWAR, BHARTI

(57) Abstract :

A herbal contraceptive composition comprises 1-2% by weight of hydroalcoholic extract of Acacia leucophloea plant, suitable proportions of a gelling agent, glycerin, water preservative and an effective proportion of a pH maintenance solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2148/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF SYNTHESIS OF ZINC OXIDE NANO-PARTICLES USING OSCILLATORIA ALGAE

(51) International classification	:C01G 9/00; C01G 9/00	(71)Name of Applicant : 1)DR RAJESH CHANDRAKANT PATIL Address of Applicant :BHAVAN'S COLLEGE, ANDHERI (WEST), MUMBAI 400058, MAHARASHTRA India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR RAJESH C PATIL
(33) Name of priority country	:NA	2)DHANASHREE TALEKAR
(86) International Application No	:NA	3)DR MAYA S. CHEMBURKAR
Filing Date	:NA	4)MRS SWATI A KULKARNI
(87) International Publication No	: NA	5)PROF VIKAS B AWALE
(61) Patent of Addition to Application Number	:NA	6)PROF VASANTRAO M PATOLE
Filing Date	:NA	7)PROF ATHOIBA SINGH ELANGBAM
(62) Divisional to Application Number	:NA	8)MRS VARSHARANI V KOKANKAR
Filing Date	:NA	

(57) Abstract :

In one of the aspect of the invention ZnO nanostructures are prepared by co-precipitation method. 0.02 M aqueous solution of zinc acetate di-hydrate is put into 100 ml of distilled water under vigorous stirring. After 10 min stirring, 0.8g of algal biomass, filamentous algae Oscillatoria is added. After addition of algal biomass, 2.0 M aqueous sodium hydroxide solution is introduced into solution, resulting in a white aqueous solution at pH 12, which are then placed on magnetic stirrer for 2 hr and then incubated in light for 4 hr. The precipitate is then taken out and washed repeatedly with distilled water followed by ethanol to remove the impurities for the final products. Then a white powder was obtained after drying at 60 °C in vacuum oven overnight. In an another aspect of the invention characterization of ZnO was done by Transmission electron microscopy (TEM) and Scanning electron microscopy (SEM) and UV-Vis Spectrophotometer

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.642/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVELOPMENT OF TECHNOLOGY FOR BONDING OF FLUORO-SILICON RUBBER WITH BRASS FOR A FIGHTER AIRCRAFT.

(51) International classification	:C09J 127/12; C09J 143/00	(71)Name of Applicant : 1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC) Address of Applicant :HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207 MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)RP KHAPLI 2)KS SAHA
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 :

There were a few incidents of non-deployment of brake parachute leading to crossing of runway limits by aircraft due to non-availability of pneumatic pressure in the air bottle 76-5505-810 used for deploying braking parachute. Defect investigation revealed leakage across inbuilt NRV of bottle. Hence an additional NRV N401-73-03 was introduced vide MOD-146 in June 1977. However one incident of aircraft crossing the runway due to non-deployment of braking parachute was observed on ac C-1678 after which a study team was constituted with members from AURDC, RCMA (NK), AQA (NK) and AFLE (NK) to study and identify the cause of failure of Mod 146 on aircraft C-1678. Study committee attributed failure of NRV to prolonged exposure to high temperature leading to deterioration of the rubber bonded valve and subsequent failure of NRV. The study committee further recommended to explore the feasibility of changing the material of rubber of valve 74-5505-290. Generally it is difficult to obtain very good bonding strength of fluorosilicon rubber with brass using already available adhesive of HAL (ND). It was proposed to use aqueous base adhesive Glue Chemlok 8116 for bonding Rubber parts made from fluorosilicon Rubber compound of Grade 51-1434 with valve body made of brass. After testing for bonding strength at the lab, modified NRV was manufactured and assembled, on which Endurance test was carried for 2000 cycles at various temperatures and Functional & air tightness testing (as per test record sheet TS/IND/55/80) was carried out three times before dismantling and found satisfactory. All the tests were completed successfully on 03 Feb 12. This invention has helped to obtain good bonding strength of high temperature resistant Fluorosilicon rubber with brass.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1425/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR UTERUS COLLAPSED AND THE PROCESS OF PREPARING THE SAME.

(51) International classification	:a61k 36/00	(71)Name of Applicant : 1)ALOK SINGH Address of Applicant :C/O, KWALITY DRY CLEANERS, MARWARI LINE, BILASPUR, CHHATTISGARH - 495001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)ALOK SINGH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel synergistic herbal formulation for the treatment of uterus collapsed. More particularly, the present invention relates to the herbal formulation for the treatment of uterus collapsed which is prepared by using grinded Quercus infectoria and grinded alum with white petroleum jelly and olive oil. Moreover this invention relates to the process for the preparation of the above composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2013

(21) Application No.2140/MUM/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SUSTAINABLE PICOHYDRO POWER GENERATION SYSTEM

(51) International classification	:F03B13/00, F03B17/00	(71) Name of Applicant : 1)Dr. Sanjay Trymbak Gandhe Address of Applicant :B-204 Ram Janki Apartments, Chaitanya Nagar, Nr. Nirmala Convent, Off. Gangapur Road nashik-422013 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Dr. Sanjay Trymbak Gandhe
(33) Name of priority country	:NA	2)Mr. Kiran Tulshiram Talele
(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 :

Normally, running water from natural streams is being used as a source. We plan to extend this idea in urban residential and industrial areas. Average height of the any Metropolitan housing society is 30 to 35 meter and will keep on increasing day by day. As height is increasing energy required to pump the water from ground level to overhead tank increases. Also in high head conditions we require safety valves to reduce the water pressure. We can transform this problem into a favorable solution if we just put a small hydro turbine in between water pipes. While this water is being utilized, it flows down with a high velocity and force. We can use this energy contained in the running water to generate sufficient electricity to light up corridors. Similarly in industrial areas, wastewater being generated can be used as a source of energy. Following invention is described in detail with the help of figure 1 of Sheet 1 illustrates potential site for installation of embodiment, figure 2 of Sheet 2 showing turbine Housing, figure 3 of Sheet 3 showing alternator and its connections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1104/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : LEAF DECOCTION FOR CROP PROTECTION AND METHODOLOGY

(51) International classification	:a61k36/00	(71) Name of Applicant : 1)AHIRWAR, BHARTI Address of Applicant :SLT INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR 495009, CHATTISGARH, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)AHIRWAR, BHARTI
Filing Date	:NA	2)MANDAL, VIVEKANANDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A leaf decoction from Cleistanthus collinus Roxb plant comprising suitable quantity of said leaves with optimally effective amount of water, so that, preferably the optimum concentration thereof is 10-20% by weight.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.638/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DESIGN & DEVELOPMENT OF THROTTLE TO SIMULATE PARAMETERS OF RADAR LIQUID COOLING SYSTEM

(51) International classification	:H05K7/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC)
(32) Priority Date	:NA	Address of Applicant :HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207 Maharashtra India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARESH
(62) Divisional to Application Number	:NA	2)SANDEEP TIWARI
Filing Date	:NA	

(57) Abstract :

Liquid Cooling System (LCS) is used for cooling of N011-2-011 RADAR block. Subsequent of installation of LCS pipelines as per drawing 11.7420.1.350.000, leak proofness of joints is ensured by carrying out following four checks at final assembly shop i.e Air-tightness check of liquid cooling system at 10 Kgf/Cm², Air-tightness check of liquid cooling system at 2 Kgf/Cm², Charging of Liquid cooling system with cooling liquid without Radar transmitter blocks & Charging of Liquid cooling system with cooling liquid with Radar transmitter blocks. Due to shortage of Radar Transmitter block from HAL Hyderabad, the stage of testing LCS with RADAR block connected was getting held up at final assembly shop of Su30 MKI ac. To avoid such recurrence, there was a need to design a device which can simulate the parameters of liquid cooling system with Radar Block connected. A throttle has been designed as an invention to simulate the charging of liquid cooling system with Radar Block connected. This invention has resulted in saving of lot of Foreign Exchange as purchase of Radar block was avoided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2277/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MAXIMIZING THE PRODUCTIVITY OF RECOMBING GILL BOXES

(51) International classification	:D01H5/00	(71) Name of Applicant : 1)RAYMOND LIMITED Address of Applicant :New Hind House, Narottam Morarjee Marg, Ballard Estate, Mumbai 400 001. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)BANI BHUSHAN SINGH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a system for designing a quatri-coiler gill box. The system comprises a pair of creel guide, a feed guide, a drafting zone and a delivery assembly. The creel guide further comprises a feed plate and an auto-stop mechanism. The creel guide activates the auto-stop mechanism to stop the gill box at the time of a sliver breakage. The feed guide is connected in synchronization with the pair of creel guide. The feed guide receives a sliver from the feed plate. The drafting zone further comprises a drafting gear. The drafting zone receives the sliver from the feed guide. The drafting zone attenuates the sliver to meet a required weight of sliver. The delivery assembly ensures the storage of the sliver in a plurality of storage cans after completion of the drafting. The present invention shows an evolution from a blender to a quatri-coiler gillbox.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2264/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR CONTRAPTION OF GRAVITATIONAL ENERGY INTO ELECTRICAL ENERGY USING AIR AS MEDIUM

(51) International classification	:F03G 3/00; F03G 7/00	(71) Name of Applicant : 1)Atul Ramesh Shinde Address of Applicant :Shinde wasti, Ahergoan road, Palkhed (m), Tal: Niphad, Dist: Nashik Pin: 422209 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Atul Ramesh Shinde
(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 :

Following application discloses a device for contraption of gravitational & pressure energy into electrical energy. the device work on the phenomenon of pressure difference created in duct. This pressure difference is nullified because of gravitational energy which causes air flow from high atmospheric pressure to lower pressure region inside duct, because of that the kinetic energy of air is increased. This kinetic energy is further converted into mechanical and then electrical energy. Following invention is described in detail with the help of figure 1 of Sheet 1 showing complete assembly of the device and figure 2 of Sheet 2 showing sectional views of air blower and Venturi.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2013

(21) Application No.603/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CLUTCH APPARATUS HAVING TRIPLE BRAKE AND PLANETARY GEAR TRAIN

(51) International classification	:F16D48/02	(71) Name of Applicant : 1)PRIYAMOHAN SAHU Address of Applicant :BLOCK-ATTABIRA, P.O.-MANAPADA, DISTRICT-BARGARH, ORISSA, PIN-768028, West Bengal India
(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	

(57) Abstract :

An alternative clutch apparatus comprising of, an epicycle gear train ; a plurality of hydraulic operated brakes, further comprising three set of drumbrake system, wherein said set of drum break system comprises of a spring loaded shock absorbing brake; and wherein the two set of drum brake system is mounted on a static cover o box and applied against a planetary carrier of the epicycle gear train and another static drum brake is mounted on also the static coverbox and is applied against the outer surface of ring gear; a special spring master cylinder connected to the plurality of hydraulic operated brakes by means of a hydraulic vane pipe, wherein a plurality of pistons are arranged to restrict the movement of fluid into the plurality of brakes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.617/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : APPARATUS FOR GRADING OF SILK YARN BASED ON COLOUR CHARACTERIZATION AND METHODOLOGY THEREFOR

(51) International classification	:B65H54/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
(32) Priority Date	:NA	Address of Applicant :PLOT - E2/1, BLOCK-GP, SECTOR-V, SALT LAKE ELECTRONICS COMPLEX, BIDHAN NAGAR, KOLKATA-700 091, West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AKULI, AMITAVA
Filing Date	:NA	2)PAL, ABHRA
(87) International Publication No	: NA	3)DEY, TAMAL
(61) Patent of Addition to Application Number	:NA	4)KANJILAL, RABINDRANATH
Filing Date	:NA	5)BHATTACHARYYA, NABARUN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (A) for grading of silk yarn based on colour characterization comprises of an image capturing device(5.04) at its top portion for capturing the image of a silk yarn sample. The latter rests on an object holding means(5.01) which is located below the image capturing device(5.04). The silk yarn is illuminated by an illumination arrangement (7.00) of the apparatus. The image capturing device (5.04), the object holding means(5.01) and the illumination arrangement (7.00) are disposed within a single enclosed unit. The image capturing device is a camera device (5.04) and the illumination system is a flat bed arrangement to generate constant uniform diffused illumination of the silk yarn. A computing device is operatively connected with the unit. It is equipped with a means for interfacing with the camera device for receiving the image of the silk yarn and a means for taking inputs from the user and a means for silk colour testing as well as a means for presentation of the results.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1226/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : SEARCH LIGHT

(51) International classification	:F21S8/00,F21L4/00,F41G1/34	(71)Name of Applicant :
(31) Priority Document No	:ZA2010/07698	1)FRIEDLAND LEONARD HENRY
(32) Priority Date	:28/10/2010	Address of Applicant :7,THE GROVE, 119,LINDEN
(33) Name of priority country	:South Africa	STREET, SANDOWN, SOUTH AFRICA
(86) International Application No	:PCT/ZA2011/000080	(72)Name of Inventor :
Filing Date	:28/10/2011	1)FRIEDLAND LEONARD HENRY
(87) International Publication No	:WO 2012/058699	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A projector comprises an arc lamp (110) with a parabolic reflector (111) in front of this a double concave lens (114) and then a pair of convex concave lenses (170 172) to enable the projector to emit a highly collimated beam.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.663/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONSTANT DISPLACEMENT VARIABLE POWER ENGINE AT A GIVEN RPM

(51) International classification	:F02D17/02	(71) Name of Applicant : 1)YENGKHOM KAMALESHWAR SINGHA Address of Applicant :C/O KULA CHANDRA SINGHA VILLAGE - KALINAGAR DISTRICT - CACHAR STATE - ASSAM PIN - 788111 India
(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	

(57) Abstract :

This invention, an operating method of multiple cylinder reciprocating and rotary internal combustion engine, proposes lower fuel injection quantity in a selected set of cylinders as a function of engine RPM. The relation of fuel injection quantity with the engine speed/RPM is such that it runs the selected cylinders in no-load condition in the same speed. This enables the engine to operate in two modes each for low and high power requirements. The low power mode is achieved when a selected few cylinders are fired with lesser amount of fuel quantity, meanwhile the rest of the cylinders are normally fired. The resulting engine operation produces lower power at the given engine speed (RPM) than in the normal mode of operation with no such unequal fuel injection. The amount of fuel injected in the selected cylinders in low power mode is the amount of fuel required to run the cylinders at no-load condition or idle speed had there been no other cylinders coupled with its crankshaft. The proposed method of engine operation only alters the fuel injection quantity and doesn't modify any integral mechanical component as is done in existing technologies like the variable displacement and the variable compression ratio to achieve variable power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2013

(21) Application No.683/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR CONTINUOUS PRODUCTION OF LIQUID HYDROCARBON FROM PLASTIC SCRAP

(51) International classification	:C10G1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIPANKAR SARKAR
(32) Priority Date	:NA	Address of Applicant :53/1 GARCHA ROAD, KOLKATA-700019, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	2)DIPU PAUL CHOWDHURY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIPANKAR SARKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for automatic and continuous production of liquid hydrocarbon from Waste plastic scrap. More particularly, the present invention relates to the method for production of hydrocarbon product products like Kerosene, Petrol / Diesel, gaseous fuel. Moreover this invention relates to the method in which the waste plastic materials which are major source of environmental pollution can be utilized.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2013

(21) Application No.701/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR DE-POLYMERIZATION AND CRACKING OF POLYETHYLENE MATERIALS (WASTE OR ANY TYPE) FOR PRODUCTION OF PETROLEUM PRODUCTS.

(51) International classification	:C02F1/28	(71) Name of Applicant : 1)M/S SHUBHASHRI CHAKRABORTY Address of Applicant :UTTAR SIMANTA PALLI,P.O. SANTINIKETAN, DT. BIRBHUM, WEST BENGAL-731235 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	2)DR. PUNYABRATA CHAKRABORTY
(87) International Publication No	: NA	3)SHRI PRADYUT RAJKHOWA
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. PUNYABRATA CHAKRABORTY
(62) Divisional to Application Number	:NA	2)M/S SHUBHASHRI CHAKRABORTY
Filing Date	:NA	3)SHRI PRADYUT RAJKHOWA

(57) Abstract :

The present invention relates to a method for production of petroleum products from Polyethylene materials. More particularly, the present invention relates to the method of depolymerisation of polyethylene material of any type and thereby productions of petroleum products like Kerosene, Petrol / Diesel and gaseous fuel. Moreover this invention relates to the method in which the waste Polyethylene materials which are major source of environmental pollution can be utilized meaningfully.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2013

(21) Application No.711/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED LINER

(51) International classification	:B28B1/00	(71) Name of Applicant : 1)TEGA INDUSTRIES LIMITED Address of Applicant :147, BLOCK-G, NEW ALIPORE, KOLKATA-700053, WEST BENGAL, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)KISHOR, KAUSHAL 2)ROY, SAROJ KUMAR 3)YAVER, IMAM SYED
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 wedge shaped liner has a back portion (1) and a front portion(3). The back portion is fixed with the chute or hopper wall(8) with the help of a bracket (4). The back portion(1) and the front portion(3) are connected by a curved portion(6), adapted to be adequately flexible and capable of good heat dissipation.

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

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.21/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PRESSURE COMPENSATED TRACTOR HITCH VALVE

(51) International classification	:F27B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :FES-SWARAJ DIVISION, PHASE
(33) Name of priority country	:NA	4, INDUSTRIAL AREA, S.A.S. NAGAR DISTT. MOHALI
(86) International Application No	:NA	Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)J.S. CHAWLA
(61) Patent of Addition to Application Number	:NA	2)J.S. SOHAL
Filing Date	:NA	3)HARJIT SINGH
(62) Divisional to Application Number	:NA	4)GOBINDER SINGH
Filing Date	:NA	

(57) Abstract :

This invention relates to a pressure compensated tractor hitch valve comprising of a direction control valve with a two-land spool wherein bush of the direction control valve and lowering valve are accommodated in valve body with a sealing therebetween; an unloading valve provided with a two-land spool and a flow control valve with a two-land spool disposed between the flow passage from the cylinder and entry to the lowering valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PROCESS FOR 3-AMINOPROPYLALKOXYSILANE AND CYCLOKETONE-MEDIATED-SYNTHESIS OF PRUSSIANBLUE NANOSOL AND THE MATERIALS FOR THECNOLOCIAL APPLICATIONS MADE THEREFROM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Prem Chandra Pandey
(32) Priority Date	:NA	Address of Applicant :Department of Applied Chemistry
(33) Name of priority country	:NA	Institute of Technology Banaras Hindu University Varanasi
(86) International Application No	:NA	221005 Honduras
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Prem Chandra Pandey
(61) Patent of Addition to Application Number	:NA	2)Ashish Kumar Pandey
Filing Date	:NA	3)Dheeraj Singh Chauhan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of preparing nanosized dispersions of Prussian blue (PB) following chemical route using single source i.e. potassium ferricyanide. 3-Aminopropyltrimethoxysilane is used for the dissociation of potassium ferricyanide and to impart stability to the resulting sol. Cyclohexanone is used to trigger the formation of PB and acid is used to prevent dissolution of Prussian white (PW) thereby preventing the decomposition of the synthesized PB. The synthesized sols when used for electrode modification exhibit excellent electrochemical behavior of Prussian blue. The nanodispersion of PB could thereafter be mixed with metal salts or noble metal nanoparticles for the formation of nanocomposites. Further the said protocol is applicable for preparing mixed metal hexacyanoferates. The synthesized sols show characteristic absorbance spectrum indicating the successful formation of desired nanodispersions with good storage stability

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.73/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN APPARATUS FOR MEASURING FABRIC HAND VALUE.

(51) International classification	:D03D	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, DELHI Address of Applicant :HAUZ KHAS, NEW DELHI-110016
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAS APURBA
(87) International Publication No	:NA	2)KHANDHARI SAGAR
(61) Patent of Addition to Application Number	:NA	3)AGRAWAL TARUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The fabric samples are collected and tested in both nozzle extraction instrument and Kawabata instrument to make correlation between the test results. The tested results are given in the table 1 and 2. The graphical representations of the results are given in the figure 12 to 15. This reveals that the nozzle extraction force of the fabrics had better correlation with the Kawabata results. Fabric Handle is a generic term for the tactile sensations associated with fabrics, and it markedly influences consumer preferences of textile products. Although fabric handle is still being judged subjectively to a large extend, the need for objective methods to measure the fabric handle has always existed. Simple and quick objective screening techniques would be useful for quality control. The fabric handle is basically checked by combined deformations of fabric sample that relate to flexural rigidity, shear, drape, compressibility, surface roughness and friction. We expect results from this apparatus to confirm to actual values of fabric handle by measuring both longitudinal and transverse forces during extraction of fabric through a nozzle. This computerized instrument will be able to record all the data and plot curves in real time. The newly developed instrument will be very helpful to the industries who are dealing with the production, evaluation and applications of textile fabrics for process control, quality control and quick decision making. These industries are mainly weaving industries, processing industries, garment manufacturer, buying houses, test houses etc. It will also be very useful for the academic and research institutes for research and development of new types of fabrics.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2131/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : AQUEOUS EXTRACT OF ANIMAL SKIN FOR THERAPEUTIC BENEFITS IN EPILEPSY

(51) International classification	:C12N, A61K	(71) Name of Applicant : 1)SINGH MANJEET Address of Applicant :H No. 115 Prithvi Nagar A Farakhpur Near Jagadhari Workshop Yamuna Nagar Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SINGH MANJEET
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel formulation comprising aqueous extract of porcine skin cells .The formulation is very simple, effective, economical and possesses life long effects. It gives therapeutic benefits in treatment of epilepsy . In this case after administering the formulation only twice , the epilepsy is cured within a month.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : CLOSED LOOP LEAST MEAN-SQUARE ADAPTIVE NOISE CANCELLER

(51) International classification	:H03G	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh India
(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	

(57) Abstract :

The invention relates to an adaptive noise cancelling arrangement using Feedback (Closed Loop) Least-Mean-Square Adaptive Noise Cancellation (LMS-ANC for both stationary and non-stationary environment. The closed loop LMS-ANC has single LMS-ANC and performs the function of N-stages that is verified by the MATLAB simulation software. The feedback LMS-ANC has the advantages like small size, large bit-length (more information), low cost, less operation time, small hardware structure using programmable logic devices.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.71/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INSIGHT SOLAR PV TRAINING KIT

(51) International classification	:B23B	(71) Name of Applicant : 1)ECOSENSE SUSTAINABLE SOLUTIONS PVT. LTD. Address of Applicant :124, HIMGIRI APARTMENTS, VIKASPURI NEW DELHI-110018 India
(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	

(57) Abstract :

The present invention discloses an Insight Solar PV Training kit for providing in-depth understanding of solar photovoltaic plant in a laboratory. Further, the Solar PV Training Kit is in the form of a working laboratory model for in-depth understanding of photovoltaic plant and hands on experience having a compact solar photovoltaic module and a main controller to run the experiments. Furthermore, the main controller is ergonomically designed for better user interactivity while connecting the terminals and simultaneously taking the corresponding readings from the meters as well as load indicator is kept at bottom to avoid glare in the eye while conducting the experiments. Moreover, the compact solar photovoltaic module is foldable and can be reassembled at use, also the module contains a support stand having gears for tilting the PV panel and two regulated lamps for variable radiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/07/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : INDUSTRIAL PROCESS FOR THE CONVERSION OF (+) LYSERGOL TO (-) AGROCLAVINE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GOEL PAWAN KUMAR
(32) Priority Date	:NA	Address of Applicant :PROPRIETOR, CHEMICAL
(33) Name of priority country	:NA	RESOURCES SCO 76, FIRST FLOOR SWASTIK VIHAR,
(86) International Application No	:NA	M.D.C. PANCHKULA-134109 Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)TEWARI KIRAN
(61) Patent of Addition to Application Number	:NA	2)SHARMA ASHOK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an easy, cost effective process for preparation of bioactive and also optically active (-) agroclavine from (+)lysergol. The same has been achieved in two steps i.e. from lysergol to lysogene in the presence of n-butanol and sodium metal and finally agroclavine from lysogene by using lithium and liquid ammonia.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2681/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :22/12/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COOLING A COMPUTER DEVICE

(51) International classification	:G06F1/18;	(71) Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD., M/S: RNB4-150, SANTA CLARA, CA 95052, U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MONGIA, RAJIV 2)VARADARAJAN, KRISHNAKUMAR
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 system and apparatus to draw air for cooling an interior surface in a body of a computer device. In one embodiment, an upward-facing intake of a fan means is at least partially positioned vertically under vent means which are attached to and/or incorporated within an upper exterior surface of the body of the computer device. In another embodiment, air from outside the body of the computer device flows through said vent means and flows directly into the portion of the upper vent, where the vent means includes air-permeable, hydrophobic means to reduce liquid intrusion from the flow of air.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.42/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : OPTICAL COMMUNICATION NETWORK PATH RESTORATION

(51) International classification	:H04N	(71) Name of Applicant : 1)CIENA CORPORATION Address of Applicant :1201 WINTERSON ROAD, LINTHICUM, MARYLAND 21090, U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ANURAG PRAKASH 2)MOHIT CHHILLAR 3)MARIAN TRNKUS
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system of determining a new path through an optical network from a source node to a destination node when a link in an original path fails are disclosed. When a fault on a link is detected, adjoint weights are assigned to each operational link for each node on the original path. A connection cost is determined for each node based on the adjoint weights of the links connected to the node. A new path through the optical network is determined based at least in part on the adjoint weights and the connection costs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR JOINT OWNERSHIP OF DIGITAL SIGNALS

(51) International classification	:H04N	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh India
(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	

(57) Abstract :

The invention relates to a system and method for generating biometric watermarks from multiple subjects (persons) for joint ownership of digital signals. Biometrics features from multiple persons are extracted, processed and used to form a digital watermark. The method is capable of generating a digital watermark from biometric features of any number of subjects (persons) and hence the digital signal can be owned by any number of persons as required.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2689/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :23/12/2009

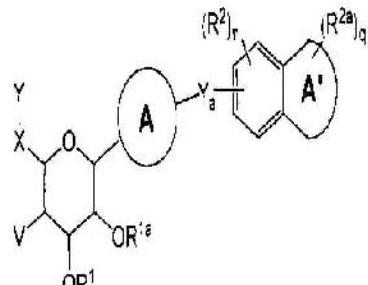
(43) Publication Date : 12/07/2013

(54) Title of the invention : GLYCOSIDE DERIVATIVES AND USES THEREOF

		(71)Name of Applicant :
(51) International classification	:A61K31/351;	1)NOVARTIS AG.
(31) Priority Document No	:NA	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)BEBERNITZ GREGORY RAYMOND
(86) International Application No	:NA	2)BOCK MARK
Filing Date	:NA	3)REDDY DUMBALA SRINIVAS
(87) International Publication No	:NA	4)HAJARE ATUL KASHINATH
(61) Patent of Addition to Application Number	:NA	5)VYAVAHARE VINOD
Filing Date	:NA	6)BHOSALE SANDEEP
(62) Divisional to Application Number	:NA	7)KURHADE SURESH EKNATH
Filing Date	:NA	8)SALUNKHE VIDESH
		9)SHAIKH NADIM S.
		10)BHUNIYA DEBNATH
		11)PALLE P VENKATA

(57) Abstract :

This invention relates to compounds represented by formula (I): wherein the variables are defined as herein above, which are useful for treating diseases and conditions mediated by the sodium D-glucose co-transporter (SGLT), e.g. diabetes. The invention also provides methods of treating such diseases and conditions, and compositions etc. for their treatment.



(I)

No. of Pages : 187 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2010

(21) Application No.2232/DEL/2010 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : 'PROCESS FOR PREPARING 1-PHENYL-3-DIMETHYLAMINOPROPANE DERIVATIVE'

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IND-SWIFT LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :S.C.O. NO. 850, SHIVALIK
(33) Name of priority country	:NA	ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BHIRUD SHEKHAR BHASKAR
(61) Patent of Addition to Application Number	:NA	2)JOHAR PERMINDER SINGH
Filing Date	:NA	3)MISHRA SUSHANTA
(62) Divisional to Application Number	:NA	4)JAMSHAD DANISH
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparing 1-phenyl-3-dimethylaminopropane derivatives of formula I, and its pharmaceutically acceptable salts thereof via novel intermediates.

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.46/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING AN INTRAVENOUS CATHETER ASSEMBLY TO DETERMINE AND TO SET THE APPROPRIATE TRIM LENGTH

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)POLY MEDICURE LIMITED
(32) Priority Date	:NA	Address of Applicant :OF PLOT NO. 105, SECTOR 59, HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA- 121 004, INDIA
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BAID, RISHI
(87) 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 measuring the appropriate length of a medical device to be inserted into the body of a patient. More particularly, the present invention relates to a method and apparatus for measuring a portion of intravenous catheter assembly to determine the appropriate trim length of a catheter to perform a medical procedure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.57/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD TO SECURE THE NEEDLE WITH NEEDLE HUB ASSEMBLY AND DEVICE RELATED THERETO

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)POLY MEDICURE LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 105, SECTOR 59, HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA -
(33) Name of priority country	:NA	121 004, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BAID, RISHI
(87) 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 IV catneter and introducer needle assembly that includes a needle tip guard that will safely shield the sharp distal tip of the introducer needle after the needle has been used to insert the catheter into a patient. More particularly, the present invention relates to a method to secure the needle with needle hub assembly for use with an IV catheter and introducer needle assembly having a needle tip guard and device related thereto.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.37/DEL/2012 A

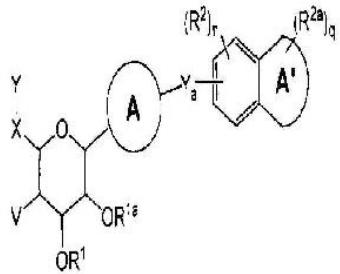
(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR PACKAGING OF A MEDICAL DEVICE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MULTIMEDICS
(32) Priority Date	:NA	Address of Applicant :PLOT 28, HPSIDC IND. AREA
(33) Name of priority country	:NA	PHASE 3, BADDI-173 205, Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IQBAL HUSEN SHAIKH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for packaging a medical device includes cutting a predetermined length of a metallic foil and breathable membrane; folding the cut foil and the cut breathable membrane; placing the open edges of the breathable membrane and the foil together, the folded breathable membrane being enveloped by the folded metallic foil; sealing the metallic foil to the breathable membrane along the open edges placed together; sealing the metallic foil along one of rest of two open edges; placing the medical device within a pouch formed by the metallic foil; sealing the metallic foil along the other of the two open edges; sterilizing at least the pouch through the breathable membrane; placing at least one absorber pack within an enclosure formed by the breathable membrane; and sealing the metallic foil along all remaining edges. The process of packaging and the packaging so provided is more convenient, and saves time and material. Ref. Fig. 1



(1)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2009

(21) Application No.1137/DEL/2009 A

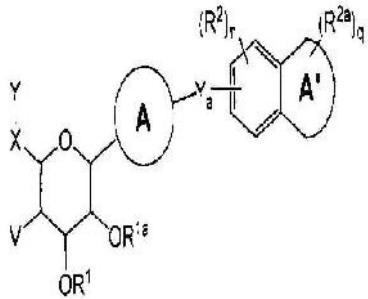
(43) Publication Date : 12/07/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF TEMOZOLOMIDE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IND-SWIFT LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :S.C.O. NO. 850, SHIVALIK ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SARIN GURDEEP SINGH
Filing Date	:NA	2)GUPTA NEERAJ
(87) International Publication No	:NA	3)CHIDAMBARAM VENKATESWARAN SRINIVASAN
(61) Patent of Addition to Application Number	:NA	4)WADHWA LALIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of temozolomide of formula I, by employing the mild reaction condition.



(1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2679/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ROSUVASTATIN CALCIUM

(51) International classification	:C07C	(71) Name of Applicant : 1)IND-SWIFT LABORATORIES LIMITED Address of Applicant :S.C.O. NO. 850, SHIVALIK ENCLAVE, NAC MANIMAJRA, CHANDHIGARH-160 101 INDIA
(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	

(57) Abstract :

The present invention provides an industrially advantageous process for the preparation of rosuvastatin of formula I, or pharmaceutically acceptable salts thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.40/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HERBAL COLOURS FOR COSMETIC AND FOOD INDUSTRY

(51) International classification	:A23L	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh India
(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	

(57) Abstract :

The invention relates to a novel, safe and eco-friendly method for preparing herbal colour compositions for cosmetic and food applications. The herbal compositions contains colorants extracted from plants like rhizome of Curcuma longa, leaves of Hibiscus rosasinensis and seeds of Bixa orellana and binding agents from Cassia tora, Cassia grandis and Sesbania bispinosa for use in food and cosmetic application..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.48/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRONIC SECURITY SYSTEM FOR ELECTRIC BIKES•

(51) International classification	:G09D	(71) Name of Applicant : 1)MINDA CORPORATION LIMITED Address of Applicant :D6-11 Sector-59 Noida 201301 Uttar Pardesh India
(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	

(57) Abstract :

The present invention provides an electronic security system for electric bikes more particularly the present invention relates to provide a transponder based security system with integrated immobilizer for electric bikes. The transponder is integrated with key and has a unique ID. A control unit checks the ID of transponder with a stored original ID. If the both ID matches the control unit drives the motor and if both the ID do not matches the control unit does not allow the motor to drive and even if someone tries to tow the wheel will not move as the controller will locks the same temporarily.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.33/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF CHANGING PICKLING SOLUTION AND METHOD OF MANUFACTURING ELECTRICAL STEEL SHEET

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-8071 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENICHI MURAKAMI
(87) International Publication No	:NA	2)TAKAHIDE SHIMAZU
(61) Patent of Addition to Application Number	:NA	3)HISASHI MOGI
Filing Date	:NA	4)JUNICHI TAKAOBUSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In pickling a hot-rolled sheet containing Si: 0.3 mass% to 4.0 mass%, Al: 0.001 mass% to 2.0 mass%, and Mn: 0.05 mass% to 2.0 mass% and the balance being Fe and inevitable impurities, the pickling solution is set to have the concentration of hydrochloric acid: 3% to 20% and the solution temperature: 7 0°C to 9 8°C, and the time to change the pickling solution is controlled so that the concentration of iron ions Fe²⁺ ranges from 3 g/1 to 180 g/1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3532/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : POLYPROPYLENE COMPOSITIONS FOR REDUCED NECKING IN EXTRUSION FILM CASTING OR EXTRUSION COATING PROCESSES

(51) International classification

:C09F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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

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

(72)Name of Inventor :

1)KALYANI SURESH CHIKHALIKAR

2)ASHISH KISHORE LELE

3)HARSHWARDHAN VINAYAK POL

4)KISHOR SHANKAR JADHAV

5)SUNIL JANARDAN MAHAJAN

6)ZUBAIR AHMAD

(57) Abstract :

This invention relates to a composition for reducing the extent of film/coating necking of polypropylene in extrusion processes.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.70/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR EXTRACTION OF DOCOSAHEXAENOIC ACID (DHA)

(51) International classification	:C07C	(71) Name of Applicant : 1)INDIA GLYCOLS LIMITED Address of Applicant :A-1, INDUSTRIAL AREA, BAZPUR ROAD, KASHIPUR-244713, DIST. UDHAM SINGH NAGAR, UTTARAKHAND, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)BHARTIA, UMA SHANKAR
Filing Date	:NA	2)NA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	2)KANDPAL, JAI BALLABH

(57) Abstract :

The present invention discloses a novel process for extraction of docosahexaenoic acid extract (DHAE) from a fungal Micro flora strain of Schizochytrium sp. The algal biomass Schizochytrium sp. is extracted for the first time by initial single stage extraction and multi-separator separation of SCF-CO₂ extractor system at pressures from 175-450 bar at temperatures 60-70°C to get the initial concentration of DHAE with docosahexaenoic acid up to 36-45% in the extract form. The single stage extract is also enriched to 55-80% more preferably 40-60% DHA extract by a second stage called liquid-liquid extraction technique wherein the initial extract obtained is processed again by liquid-liquid SCF-CO₂ extraction at pressures ranging from 80-375 bar at temperature up to 60°C. The enriched DHA containing extract prepared by second stage liquid-liquid extraction is converted to DHA oil by co-solvent winterization.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1545/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/07/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : ERGONOMICALLY DESIGNED WORKSTATION FOR COMPUTER

(51) International classification	:A47J	(71) Name of Applicant : 1)BEDI SUKHWINDER PAL SINGH Address of Applicant :#159, BLOCK-10 MOHALI COOPERATIVE SOCIETY SECTOR 68 MOHALI [PUNJAB] PIN 160062. Punjab India
(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	

(57) Abstract :

A modular workstation arrangement is disclosed for use in open office plans, cyber cafes, multinational offices, call centres, banks etc. This novel workstation arrangement has multiple workstations fitted together in such a way so as to make all the computer screens face in one direction. The workstation comprises of at least one work-surface top (T) with a hole (h) at the right hand corner workstation panel; two side panels(SPI) and (SP2); one back panel(BP); a sliding shelf below the top work-surface (T) for placing keyboard; a cabinet below the sliding panel for UPS and other accessories.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/09/2010

(21) Application No.2220/DEL/2010 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMPROVED ORAL TARGETTED DRUG DELIVERY SYSTEM

(51) International classification	:A61K	(71) Name of Applicant : 1)LOVELY PROFESSIONAL UNIVERSITY Address of Applicant :PHAGWARA, (PUNJAB) Punjab
(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	

(57) Abstract :

The present invention discloses an Improved Oral Targetted Drug Delivery System (O-TDDS)• particularly suited for delivery of drugs having activity against the diseases located in the colon e.g. colon cancer, ulcerative colitis, protozoal infections etc. The system comprises two elements or parts viz. microspheres (drug + natural polymers such as guar gum or xanthan gum) and probiotics. Both the elements are packed together in a single, pharmaceutically acceptable oral dosage form such as a capsule. The system offers distinct advantages of drug delivery without undesirable side-effects of diarrhea, nausea or vomiting commonly encountered in case of anti-cancer drugs such as 5-Fluorouracil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.43/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHOTONIC LINK INFORMATION COLLECTION AND ADVERTISEMENT SYSTEMS AND METHODS

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CIENA CORPORATION
(32) Priority Date	:NA	Address of Applicant :1201 WINTERSON ROAD,
(33) Name of priority country	:NA	LINTHICUM, MARYLAND 21090, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TRNKUS, MARIAN
(87) International Publication No	:NA	2)BLAIR, LOUDON T.
(61) Patent of Addition to Application Number	:NA	3)ONG, LYNDON Y.
Filing Date	:NA	4)PRAKASH, ANURAG
(62) Divisional to Application Number	:NA	5)CHILLAR, MOHIT
Filing Date	:NA	

(57) Abstract :

Photonic link information collection and advertisement systems and methods enable photonic nodes (e.g., optical amplifiers) to operate within a control plane system in a distributed and real-time manner. For example, the photonic nodes may not require full control plane protocol stacks at each photonic node. In particular, the systems and methods provide a distributed discovery method for photonic links without requiring full participation in the control plane at the photonic nodes. Additionally, the systems and methods include network databases with amplifier configuration information in a control plane enabled network.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.26/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTION OF DEFECTS IN IV CATHETER DEVICES

(51) International classification	:B23B	(71) Name of Applicant : 1)POLY MEDICURE LIMITED Address of Applicant :PLOT NO. 105, SECTOR 59, HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA - 121004, INDIA
(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	

(57) Abstract :

The present invention relates generally to intravenous (IV) catheter devices, and in particular, relates to intravenous catheters which may be used to safely convey medical fluids into the venous circulatory system of a patient. More particularly, the present invention relates to a method and apparatus for detection of defects such as leakage in catheter sub-assembly of IV catheter devices.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.45/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : USE OF THE FAT1 GENE AND ITS PRODUCTS, INCLUDING RNA, PROTEIN AND THE DERIVATIVES OF THE SAME, AS SUITABLE MOLECULE/S FOR TARGETING EITHER INFLAMMATION OR CANCER AND THE ASSOCIATED PHENOTYPE AND THE PROCESSES LINKING THE SAME AND ALSO AS A BIOMARKER FOR THE ABOVE PROCESSES.

(51) International classification	:C12N	(71) Name of Applicant : 1)DEPARTMENT OF BIOTECHNOLOGY (DBT) Address of Applicant :BLOCK 2, 7TH FLOOR, CGO COMPLEX, LODHI ROAD, NEW DELHI-110003, INDIA
(31) Priority Document No	:NA	2)ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)
(32) Priority Date	:NA	3)NATIONAL BRAIN RESEARCH CENTRE (NBRC)
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHOSDOL KUNZANG
Filing Date	:NA	2)DIKSHIT BHAWANA
(87) International Publication No	:NA	3)SINHA, SUBRATA
(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 use of the FAT I gene and its products, including RNA, protein and the derivatives of the same, as suitable targets for ameliorating either inflammation or cancer and the processes linking the same, or as a biomarker for the above processes.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :29/04/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PNEUMATIC DAMPER CONTROLLED AK PROTHESIS.

(51) International classification	:A47J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MANOJ SONI
(32) Priority Date	:NA	Address of Applicant :A-85, F.F. & S.F., MALVIYA
(33) Name of priority country	:NA	NAGAR, NEW DELHI-110017. India
(86) International Application No	:NA	2)PROF. SNEH ANAND
Filing Date	:NA	3)PROF. S. MAJI
(87) International Publication No	:NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANOJ SONI
Filing Date	:NA	2)PROF. SNEH ANAND
(62) Divisional to Application Number	:NA	3)PROF. S. MAJI
Filing Date	:NA	

(57) Abstract :

Pneumatically damper controlled prosthesis is already available in market and has been in use for quite a long time. A number of patents are there and a good number of technical journals have also been published. Most popular brands are Endolite of United Kingdom and Ottobock of Germany. These manufacturers make their own pneumatic controllers and are effective also, but for the cost. This work has been done to develop one such prosthesis, with a different design. Since the design available in the market involves customized and limited manufacturing, the cost goes high. On the contrary, it has been observed that most of the handicapped in developing countries are not economically very sound and they rely more on government subsidies. From the present manufacturers point of view, the market for AK prosthesis is not big enough for the components to be manufactured more economically. Ours is an innovative work, which uses readily available components in the market and offers a product, which is economical to manufacture and can be easily maintained by the amputee. The design ensures that the prosthesis can be easily assembled with locally available components without much difficulty and thus initial cost of setting up the unit is also less.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL PLANT PROTEINASE INHIBITOR AGAINST INSECTS GUT PROTEASES

(51) International classification	:C07F	(71) Name of Applicant :
(31) Priority Document No	:NA	1) COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No Filing Date	:NA	1) ASHOK PRABHAKAR GIRI 2) VIDYA SHRIKANT GUPTA 3) VAIJAYANTI ABHIJIT TAMHANE 4) RAKESH SHAMSUNDER JOSHI 5) MANASI MISHRA 6) RAJENDRA RAMCHANDRA JOSHI 7) UDDHAVESH BHASKAR SONAVANE 8) ANIRBAN GHOSH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a plant proteinase inhibitor against the gut proteases of insects. More particularly, the present invention relates to a proteinase inhibitor from non-host plant Capsicum annuum which possesses significantly high insect protease inhibition activity.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.79/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOLID NANOLIPIDIC PARTICULATES OF VITAMIN D3 AND RETINOIC ACID (RA)

(51) International classification	:C07C	(71) Name of Applicant : 1)DEPARTMENT OF BIOTECHNOLOGY (DBT) Address of Applicant :Block 2 7th Floor Cgo Complex Lodhi Road New Delhi-110003 India
(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	

(57) Abstract :

The present invention relates to a simple and convenient process for preparing solid lipid sustained release nanoparticles for delivery of drugs/vitamins, preferably fat soluble vitamins and more specifically Vitamin D3 and retinoic acid (RA). The process involves micro-emulsion technique. The nanoparticles of Vitamin D3 and RA obtained by the process of the present invention have utility in treatment of diseases like tuberculosis. Use may be extended to other diseases like AMD, diabetic retinopathy, cancers, hyperpigmentation, acne, and osteoporosis.

No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2659/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL LOW-COST FORMULATION FOR DRAMATIC REDUCTION OF CARDIAC AND POLY-SYSTEMIC DISEASES

(51) International classification	:A61K	(71) Name of Applicant : 1)SHARMA YASH PAUL Address of Applicant :DR. YASH PAUL SHARMA 8 H1, PGI CAMPUS, SECTOR 12 CHANDIGARH India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SHARMA YASH PAUL
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention pertains to a simple, low-cost formulation for cardiac and polysystemic disease management and associated complications, comprising bioactive iron as one of the active and major ingredients in an easily bio available and sustained release form, which not only helps in rapidly enhancing hemoglobin levels in individuals, but also helps in maintaining the same for prolonged periods. It offers a remarkably simple and low-cost solution to the remarkably complex milieu of cardiac problems and polysystemic problems and is based on the realization that oxygen deprivation is the trigger which catalyzes several molecular level changes in the cell, some of which lead to disease and malfunction.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : DIAGNOSTIC TOOL TO IDENTIFY CARDIAC PATIENTS AT RISK OF RESTENOSIS

(51) International classification	:C12N, A61K	(71) Name of Applicant : 1)SHARMA YASH PAUL Address of Applicant :DR. YASH PAUL SHARMA ADDITIONAL PROFESSOR AND FORMER HEAD, DEPARTMENT OF CARDIOLOGY ADVANCED CARDIAC CENTRE PGIMER RESIDENCE: 8 H1, PGI CAMPUS, SECTOR 12 CHANDIGARH India
(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	

(57) Abstract :

The present invention discloses a diagnostic tool for identification of cardiac patients at risk of restenosis based on micro-array based RNA genetic analysis of CAD patients to identify expression of the Beta-globin Gene Family on Chromosome 11 consisting of five functional genes and also expression product of the genes.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2010

(21) Application No.2382/DEL/2010 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PROCESS FOR INSITU GENERATION OF NOBLE METAL NANOPARTICLES AND THEREAFTER CORESHELL OF THE SAME

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Prem Chandra Pandey
(32) Priority Date	:NA	Address of Applicant :Department of Applied Chemistry
(33) Name of priority country	:NA	Institute of Technology Banaras Hindu University Varanasi-
(86) International Application No	:NA	221005 Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dheeraj Singh Chauhan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for manufacturing noble metal nanoparticles which includes: mixing an alcoholic solution of metal salt with a hydrophilic alkoxy silane precursor namely 3-Aminopropyl alkoxy silane to create a protective/stabilizing layer over the metal. A hydrophobic alkoxy silane precursor namely 3-Glycidoxypropyl alkoxy oxysilane is used as the reducing agent for the insitu generation of metal nanoparticles. Subsequent interaction of the metal nanoparticles with hydrophilic silane and aliphatic aldehyde to form a core shell structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2383/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/10/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : CALCIUM ION-SENSOR COMPRISING IONOPHORE/CARRIER ION -FREE POLYINDOLE-CAMPHOR SULPHONIC ACID COMPOSITE

(51) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Prem Chandra Pandey
(32) Priority Date	:NA	Address of Applicant :Department of Applied Chemistry
(33) Name of priority country	:NA	Institute of Technology Banaras Hindu University Varanasi-
(86) International Application No	:NA	221005 Uttar Pradesh India
Filing Date	:NA	2)Dheeraj Singh Chauhan
(87) International Publication No	: NA	3)Rajiv Prakash
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Dheeraj Singh Chauhan
(62) Divisional to Application Number	:NA	2)Prem Chandra Pandey
Filing Date	:NA	3)Rajiv Prakash

(57) Abstract :

This invention relates to development of calcium ion solution based on polyindole composite with camphore sulphonic acid (CSA). Polyindole-CSA composite was formed using facile chemical method and characterized using various tools for its structural, morphological, electrochemical properties. Processible electroactive composite was used for construction of low cost, users friendly calcium ion sensor using metal disc or screen printed electrodes. Sensor showed excellent response for calcium ions in wide range of concentration 10uM to 0.1M with high stability and reproducibility. Various cations and anions were selected for interference studies; however, negligible interference was observed when other cations and anions were less than 0.01M concentration. Sensor showed potential for calcium estimation in various samples.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.65/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS FOR THE PREPARATION OF 4-(5 8-DIAZASPIRO[2.6]NONAN-8-yl)-7H-PYRROLO[2 3-D]PYRIMIDINE

(51) International classification	:C07C	(71) Name of Applicant : 1)LEO Pharma A/S Address of Applicant :Industriparken 55 DK-2750 Ballerup Denmark.
(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	

(57) Abstract :

The invention relates to method for the preparation a compound of structure I 4-(5 8-DIAZASPIRO[2.6]NONAN-8-yl)-7H-PYRROLO[2 3-D]PYRIMIDINE and salts thereof comprising the step of (a) reacting a compound of general structure III wherein R3 represents a leaving group with a compound of structure IV or salts thereof to obtain a compound of structure I or salts thereof. The invention furthermore relates to compounds of structure (IV) and general structure (VII) wherein R1 and R4 represent amino-protective groups.

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.19/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING CITICOLINE AND PROCESS FOR PREPARING THE SAME

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SANJEEV GUPTA (KUSUM HEALTHCARE PVT.LTD.)

Address of Applicant :KUSUM HEALTHCARE PVT. LTD.
D-158/A OKHLA INDUSTRIAL AREA, PHASE 1, NEW DELHI, 110020 INDIA

(72)Name of Inventor :

1)MR. GAJANAN RAMESH SONAJE

2)MR. PRAMOD KUMAR

3)MR. RAJEEV GUPTA

4)MR. SANJEEV GUPTA

5)MR. RAJ KUMAR SHARMA

(57) Abstract :

The invention provides a pharmaceutical composition comprising citicoline as active pharmaceutical ingredient, said pharmaceutical composition comprising granules comprising an intra granular composition of an alkaline salt of citicoline, 0.4 to 0.8 wt% of a granulating agent, 30 to 40 wt% of a diluent; and 0.8 to 1.6 wt% of an acidifier; said percentage being expressed on a weight by weight basis with respect to a total weight of composition. Also there is provided a process for preparing the said pharmaceutical composition, said process comprising the steps of (a) mixing an alkaline salt of citicoline with 30 to 40 wt% of diluent and 0.8 to 1.6 wt% of an acidifier to obtain a mixture; (b) dissolving 0.4 to 0.8 wt% of a granulating agent in 5 to 10 wt% of an anhydrous solvent to obtain a granulating agent solution; and (c) mixing the mixture thus obtained in step a with the granulating agent solution thus obtained in step b and granulating the same at elevated temperature to obtain the pharmaceutical composition containing citicoline as active pharmaceutical ingredient.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.66/DEL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BULLSEYE ALIGNMENT AND PATTERN ANALYSER

(51) International classification	:G01B	(71) Name of Applicant : 1)Dr. TAYAL Dharinder Address of Applicant :House No. 2104 Sector 21-C Chandigarh 160022 Punjab India
(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	

(57) Abstract :

A method to train and improve the accuracy of a target shooter. The method checks for the most optimum score for a pattern of shots plotted by the shooter and provide the number of alterations of at least one parameter present on a weapon or a aiming device required to achieve said optimum score along with the score. The method is user friendly, and can give a proper feedback about the accuracy and precision of the shots, so that the shooter can analyze his pattern of shots easily without any assistance from others.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :21/10/2004

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF DIRECT REGENERATION AND SHIKONIN INDUCTION IN CALLUS OF ARNEBIA HISPIDISSIMA SP

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :BLOCK-2, 5th FLOOR, CGO
(33) Name of priority country	:NA	COMPLEX, LODI ROAD, NEW DELHI-110 003, INDIA.
(86) International Application No	:NA	2)DEPARTMENT OF BIO & NANO TECHNOLOGY
Filing Date	:NA	
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ASHOK CHAUDHURY
Filing Date	:NA	2)MANAKSHI PAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present method provides a rapid and efficient method for direct regeneration of whole plant of Aniebia hispidissitna. The invention also provides a method for high frequency direct plant regeneration from shoot tip or other suitable explants by supplementing the MS media with various plant growth regulators. The invention further provides a media composition for callus production and a method for regeneration of whole plant from callus cultures of Arnebia hispidissima. The invention also provides an in vitro method for induction of shikonin in callus cultures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TRACKING PLURALITY OF FIELD EXECUTIVES IN REAL TIME

(51) International classification	:G06C	(71) Name of Applicant : 1)Suhale Kapoor Address of Applicant :E-205,GREATER KAILASH 2 NEW DELHI 110048 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Suhale Kapoor
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 :

Disclosed is a system (100) for collection of data and tracking of individuals collecting the data in real time. The system includes at least one server (10) a plurality of executive devices (20) located at executive end wherein executives are present in various remote locations where customers are positioned at least one communication network (30) configured between the server and the executive devices and enabling communication between thereto and at least one client interface (40). The server is configured to perform one or more functions related to receiving and storing data transmitted by the executive devices. These executive devices may be similar to conventional handheld devices and are adapted to perform various functions including recording interviews of the customers. The client interface is adapted to provide a mechanism by ways of which the client may be able to access the data that is available to the server in real time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.561/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :02/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMPROVED MULTIPLEX PCR METHOD FOR DIAGNOSIS OF TUBERCLOSIS

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Sharma Kusum
(32) Priority Date	:NA	Address of Applicant :Department of Medical Microbiology
(33) Name of priority country	:NA	PGIMER Sector 12 Chandigarh Punjab India
(86) International Application No	:NA	2)Dr. Sharma Aman
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. Sharma Kusum
(61) Patent of Addition to Application Number	:NA	2)Dr. Sharma Aman
Filing Date	:NA	3)Dr. Sharma Meera
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method for detection of Mycobacterium tuberculosis by multiplex PCR using a specific set of primers wherein the same comprises simultaneous detection of the presence of a DNA segment for the gene of IS6110 or MPB64 or protein b in the sample.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.20/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SEPTIC SYSTEM VENT SCREEN

(51) International classification	:F17B	(71) Name of Applicant : 1)THADDEUS ALEMAO Address of Applicant :83 STEVENS STREET OCEANSIDE, NY 11572 U.S.A.
(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	

(57) Abstract :

A mosquito screen attachment denies access to mosquitoes from entering a vent pipe connected to a subterranean septic or other fluid filled tank. It includes a pipe joint section with mosquito screen pre-attached to the one or more vertical open faces of the horizontal portion. The lower opening on the vertical downpipe is simply attached atop the open vent pipe. Preferably the pipe joint is made of PVC which is also the typical material of the vent pipe. A rigid PVC mosquito screening is used, which is bonded or sealed to the edges of the one or more exposed holes of the pipe joint section. A robust material as opposed to a softer fabric screen is preferable to keep out bats or the beaks of birds attracted to hovering mosquitoes near the openings. The vertical orientation of the two vent holes helps keep debris from accumulating to clog the screened openings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2562/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SORT OF TRANSMISSION

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHUN-CHIEH CHEN
(32) Priority Date	:NA	Address of Applicant :NO. 110, SEC.2, LIUCHUAN W.
(33) Name of priority country	:NA	RD., WEST DIST, TAICHUNG CITY 403, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHUN-CHIEH 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 :

The purpose of the device is to attain acceleration by the transformation of air pressure into torque.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.36/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PROCESS OF ULTRASONIC CAVITATION TECHNIQUE FOR SYNTHESIS OF POLYMER NANOPARTICLES

(51) International classification	:C08F 292/00	(71)Name of Applicant : 1)NORTH MAHARASHTRA UNIVERSITY, JALGAON Address of Applicant :UNIVERSITY DEPARTMENT OF CHEMICAL TECHNOLOGY, NORTH MAHARASHTRA UNIVERSITY, POST BOX NO.80,JALGAON-(MS) INDIA
(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	:N/A`	
(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 process for the preparation of highly dispersed polymer nanoparticles of 20 to 60 nm in size. The basis of the reaction for synthesis of polymer 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 particle to form aggregates. Accordingly, the present invention is of ultrasonic cavitation technique for the preparation of highly dispersed polymer nanoparticles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.408/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL MELT IN MOUTH ORAL DOSAGE FORM OF PALONOSETRON

(51) International classification	:A61K 31/4748;A61K 9/00	(71) Name of Applicant : 1)ASTRON RESEARCH LIMITED Address of Applicant :10TH FLOOR, PREMIER HOUSE, BODAKDEV, OPP. GURUDWARA, SARKHEJ - GANDHINAGAR HIGHWAY, AHMEDABAD 380054. GUJARAT. INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANISH CHAUHAN
(87) International Publication No	: NA	2)BHAVESH BHAVSAR
(61) Patent of Addition to Application Number	:NA	3)VIJAYSINH CHAUHAN
Filing Date	:NA	4)JAYANTA KUMAR MANDAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to stable novel oral formulation of Palonosetron which melts in mouth and hence easy to swallow. Further, the present invention relates to process for the preparation of such formulation of Palonosetron.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2011

(21) Application No.581/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED INTERLOCK SYSTEM FOR SWITCHING DEVICES

(51) International classification	:H01H9/26; H01H9/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DHARMASAMY Suresh;
Filing Date	:NA	2)KUMAR Arvind L.;
(87) 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 improved interlock system for switching devices. The system comprises plurality of flexible cable means (39a, 39b, 39c, 39d), plurality of switching devices (35a, 35b, 35c, 35d), plurality of sub module assemblies (38a, 38b, 38c, 38d), main module means (40). Main module means (40) comprises a base plate means (43), a top plate means (44), a cable holder means (46), and plurality of stepped pins means (32, 33), first link assembly (45) and second link assembly (56). Each sub module assembly (38) comprises a substantially "C" shaped slider means (6) operatively attached to substantially "U" shaped guide means (5) so as to provide movement to the slider means within the guide means. Each sub module assembly (38) being operatively connected to the main module means (40) by means of the flexible cable means. Each sub module assembly (38) being operatively attached on each switching device means (35) in such a way that the slider means (6) adapted for holding an operating knob means of the switching device (35) such that the knob means and/or the slider means movement being transferred to the main module means (40) during the switching devices operation so that the switching devices are interlocked.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED OPERATING MECHANISM FOR CIRCUIT BREAKER

(51) International classification	:H01H1/20; H01H71/52	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(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 improved operating mechanism of molded case circuit breaker. The mechanism comprises a housing (1), a fixed contact means (5), a moving contact means (4), a rotor means (2), and a mechanism module (3). The mechanism module (3) comprises side plate means (3a), trip plate means (3k), a lower link means (3b), an upper link means (3c), a latch link means (3d), a fork link means (3e), a spring pin means (3f), a floating pin means (3h), navigation pin means (3l), reset roller pin means (3m) and plurality of spring means (3i).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.34/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROXIMITY ALARMING INDICATOR FOR PREVENTING COLLISIONS

(51) International classification	:B60Q1/00	(71) Name of Applicant : 1)CHAPHEKAR, AMOL Address of Applicant :GAT NO.3, PLOT NO. 252, JYOTIBANAGAR, TALAWADE, PUNE, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)CHAPHEKAR, AMOL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a proximity alarming indicator system for automobiles for preventing collisions. The system includes a sensing unit comprising a plurality of sensors for measuring distance from other vehicle or a stationary object or a human; a processing unit for comparing distance measured by the sensors with a predefined threshold distance at a given speed which can either be configured manually by driver or automatically configurable based on parameters such as weather, city and temperature; and an indicator unit coupled to the processing unit, wherein the indicator unit displays warning indications or messages to the driver of said vehicle and/or to rear side tailgating traffic and/or adjacent objects when the sensed distance is lesser than the predefined threshold. The indication messages can also be displayed to drivers of vehicles driving along at adjacent and rear side of the said vehicle thereby preventing the occurrence of automobile accidents due to collision.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN AUTOMATED METHOD FOR USE IN MAGNETIC RIVETING DIE DESIGNING

(51) International classification	:B21J 15/24; B21J 5/02	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SHINDE Prasad Raosaheb
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an automated method for use in magnetic riveting die designing. The method steps comprises studying and analyzing phase, developing phase and testing and implementation phase. The studying and analyzing phase comprises collecting data in the form of predetermined parameters, categorizing and standardizing the parameters. The developing phase comprises customizing of the parameters, drafting in 2D, modeling systematic construction of 3D assemblies and the steps of drafting and modeling being functionally related to each other by means of an appropriate relationship and programming between each other. The testing and implementation phase comprises receiving an input value from a user, regenerating 3D modeling and 2D drafting by means of received input data and releasing an output.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.482/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL CONTROLLED-RELEASE ORAL COMPOSITION OF ALBENDAZOLE

	:A61K 31/415; A61K 31/498 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)FDC LIMITED Address of Applicant :142-48, S.V. ROAD, JOGESHWARI (WEST), MUMBAI - 400 102, Maharashtra India (72) Name of Inventor : 1)CHANDAVARKAR, MOHAN NANDAN 2)JINDAL KOUR CHAND 3)MALAYANDI RAJKUMAR 4)VARTAK PRITI SHARAD
(51) 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
(61) Patent of Addition to Application Number Filing Date	:	NA
(62) Divisional to Application Number Filing Date	:	NA

(57) Abstract :

Disclosed herein is a novel controlled-release solid oral pharmaceutical composition of Albendazole, comprising a combination of gastroretentive drug delivery system (GRDDS) and an enteric drug delivery system for effective treatment of luminal nematodes and systemic helminthiasis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.54/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRACTOR POWERED CONCRETE PUMP

(51) International classification	:E04G 21/04	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, LLLINOIS, 61265, U.S.A.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)NARESH KUMAR VEMULAPALLI
(33) Name of priority country	:NA	2)SATISHKUMAR YADAV
(86) International Application No	:NA	3)NIVRUTTI GARUD
Filing Date	:NA	4)BALAKRISHNAN RAMAMOORTHY
(87) International Publication No	:N/A	5)ABHAY DHOKTE
(61) Patent of Addition to Application Number	:NA	6)DHAIRYASHIL JADHAV
Filing Date	:NA	7)PRATHEEK HEGDE
(62) Divisional to Application Number	:NA	8)GOUSE SYED MOIDDIN
Filing Date	:NA	9)SOURABH SAWANT

(57) Abstract :

A concrete pump powered by a tractor that comprising, a tractor, a concrete pump, a means to tow the concrete pump, a means to transfer the power from tractor engine to the concrete pump, a frame and a means to lift the pump, such that the concrete pump housed on the frame and is detachably attached to the tractor through the means to tow the concrete pump and is driven by the tractor engine whereas power is transferred through the means to transfer the power from tractor engine to the concrete pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.60/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : ANTIBIOTIC ELUTING ORTHOPEDIC IMPLANT AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61L 27/34	(71)Name of Applicant : 1)MATRIX MEDITEC PVT LTD Address of Applicant :34 Saket Industrial Estate Moraiya Changodar Ahmedabad 382210 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)Diwan Jayendra Bhupendrabhai
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 deals with antibiotic eluting implant. An antibiotic eluting implant acts as solution to overcome the risk of infection after implantation. Implant is coated with a combination of antibiotic drug and biodegradable polymeric carrier as first layer and polymer as a second layer. The process for preparing antibiotic eluting implant comprises preparing the solutions; coating and drying of the implant; sterilizing the implant and finally packaging of the implant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3261/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN EXPERIMENTAL SETUP TO MEASURE LIGHT INTENSITY AS PER REQUIREMENT OF LIGHT AND LIGHTING STANDARDS / NORMS

(51) International classification	:G01J 1/00; G01J 3/00	(71)Name of Applicant : 1)DR. (MRS.) GANDEVIKAR MRIDULA NITIN Address of Applicant :C-307, PADMAWATI APARTMENTS, OPPOSITE YASH GARDEN, INDRAYANI NAGAR, SECTOR 7, BHOSARI, PUNE-411026 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. (MRS.) GANDEVIKAR MRIDULA NITIN
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A setup to measure light intensity as per requirement of Light and Lighting Standards/Norms This invention is intended to develop a apparatus/setup which is as per requirement of norms to characterize light source or object behaving as light source. General norms to characterize a light source is to measure intensity of light by measuring the light incident on specified test point on specified screen. The test point on the screen are with reference to steady light source which is to be characterized. Present invention overcomes disadvantages of presently available commercial photo-goniometer and incorporates advantages like 1. Self calibrated / in house calibration 2. Light source is not disturbed in operating condition 3. Economic and indigenous 4. Portable - 5. Use of only one detector and still measures Other spectrometric measurement like color 6. No requirement of dark room and still Eliminate effect due to stray light It consists of steady stand to mount light source as per installation condition. Optical fiber with modified receiver of light ie Lens, carries the light to commercial available CCD array portable spectrometer CCD array spectrometer is compatible to modern computers and can display light.intensities sensed by array in terms of photons as well as in customized spectrometry terms. Optical fiber which Modified, is guided at different test points on virtual screen. Movement of the modified optical fiber is controlled by programmed controlled motor and drive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGHLY PURE SALTS OF CLOPIDOGREL FREE OF GENOTOXIC IMPURITIES

(51) International classification	:C07D 495/04	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380015, GUJARAT, INDIA
(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	

(57) Abstract :

The present invention relates to substantially pure salts of clopidogrel of Formula (f) substantially free from genotoxic impurities. wherein (S) represents a suitable organic or inorganic acid, which forms a salt with clopidogrel having less acidity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : QUICK CERUMENOLYTIC AGENT FOR EAR WAX AND THE PROCESS FOR PREPAIRING SAME

(51) International classification	:A61K 31/00; A61K 31/74	(71)Name of Applicant : 1)PATIL MARESHWAR MADHAVRAO Address of Applicant :C/O. DR. PATIL'S E.N.T. HOSPITAL, RAJAPETH NAKA, BADNERA ROAD, AMRAVATI - 444605 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)PATIL MARESHWAR MADHAVRAO
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Removal of impacted cerumen is necessary to relieve the symptoms. This procedure is often a difficult one and in instances where the wax has accumulated over a period of time, has required mechanical or surgical manipulation for its disintegration and consequent removal. The method of removing ear wax or cerumen has been standardized to a very great extent. Syringing the ear and manipulation of the wax with a blunt-edged probe is the basic technique. Following invention provides for a quick agent for ear wax softening and removal comprising of feracrylum around 0.5 to 0.75% combined with Lignocaine around 2% along with water for injection q.s. or any other hygroscopic aqueous-missible solvent, not irritating to the ear, which serves to soften and remove the cerumen and debris of the ear canal and acts as a vehicle for otologic medicaments

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2011

(21) Application No.633/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : STRUCTURE UNIT HAVING EXPANDED METAL MESH AS REINFORCEMENT AND METHOD FOR MANUFACTURING THE STRUCTURAL UNIT

(51) International classification	:E04B5/32; E04B1/00	(71) Name of Applicant : 1)NAGAR YUWAK SHIKSHAN SANSTHA'S YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING Address of Applicant :DEPARTMENT OF CIVIL ENGINEERING, YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING HINGNA ROAD, WANADONGRI, NAGPUR - 441110 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ABHAY VINAYAKRAO PATIL 2)SANJAY PADMAKAR RAUT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention deals with a preformed building and construction structural unit that includes one or more reinforcing structural elements embedded in concrete forms with interlocking and bracing elements. The said preformed units can be transported to the site of construction after precasting at the factory site.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURING ALUMINUM FROM BAUXITE OR ITS RESIDUE

(51) International classification	:C01F 7/02	(71) Name of Applicant : 1)GHARDA KEKI HORMUSJI Address of Applicant :GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400 050, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)GHARDA KEKI HORMUSJI
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure related to an economic and environmental safe process for obtaining one or more metals from the red mud slag, bauxite, karst bauxite, lateritic bauxite, clay and the like. The present disclosure also related to a process for obtaining elemental aluminum by electrolyzing AlC13 in the electrolysis cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.32/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : OMNI AND UNIDIRECTIONAL SOLAR LANTERN.

(51) International classification	:F21L 4/00	(71) Name of Applicant : 1) KIRLOSKAR INTEGRATED TECHNOLOGIES LIMITED. Address of Applicant :13/A, KARVE ROAD, KOTHRUD, PUNE-411038, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to solar-energy-based portable, unbreakable illuminating device. The solar lantern comprise a Light Emitting Diode (LED) lamp with a conical reflector , a magnetic slider, a side/directional reflector for customized directional use of reflected light as per end user's requirement and a rechargeable battery. The user can either use it as a normal lamp to illuminate an entire room or can use it as a task light by sliding the directional reflector upwards. The lantern can also be turned upside down and hooked to the ceiling and can be used like a conventional bulb or as a compact fluorescent lamp (CFL).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : GENERATION OF PUMPED GAS ENERGY BY PLACING SEVERAL GAS SHOCK ABSORBER MECHANISMS BETWEEN THE FRONT/REAR AXLE ASSEMBLY AND THE CHASSIS/BODY OF ANY TYPE OF AUTOMOBILE VEHICLES TO GATHER COMPRESSION EFFECT WHEN IT IS IN RUNNING MODE TO GENERATE PUMPED GAS ENERGY AND SUBSEQUENTLY BY THE USE OF THIS PUMPED GAS ENERGY ELECTRICITY WILL BE GENERATED WITH THE HELP OF GAS MOTOR AND GENERATOR OR THIS PUMPED GAS ENERGY CAN ALSO BE USED TO DRIVE THE GAS MOTOR.....APPLICATIONS OF USE.

(51) International classification	:B60G 17/015; B60G 13/16	(71)Name of Applicant : 1)SANTOSH ARVIND PRADHAN Address of Applicant : 'ARUNODAYA',PLOT NO.51,PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR,NAGPUR 440025 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SANTOSH ARVIND PRADHAN
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(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 :

I have placed gas collection or receiver tank which is being attached to the serveral linear motion operated gas shock absorber mechanisms in an Automobile vehicles or Railway trains I have placed several linear motion operated gas shock absorber mechanisms between the gaps of from axle assembly to rear axle assembly. The linear motion operated gas shock mechanisms has been attached to the front axle assembly, rear axle assembly at one side an dto chassis bidy on another side on any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road/ earth to gather compression effect of any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road/earth. The linear motion operated gas shock absorber mechanisms has been attached to the front axle assembly, rear axle assembly at one side and to chassis body on another side just like shoch ups in any automobile vehicles. But these linear motion operated gas shock absorber mechanisms will absorb the shocks due to uneven road conditions / railway tracks; simultaneously it will generate pumped gas for us as free energy. Whenever any type of Automobile vehicles like Trucks, Buses, Tippers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains Railway bogies, Railway wagons,Metro trains, Metro wagons, Ships or on any type of vehicles which are running on rods earth or any standard height and length vehicles will start running than due to uneven waviness present in any type of roads or uneven waviness in any type of Railway tracks or due to uneven waves in any Sea/rivers the linear motion operated shock absorber mechanisms attached to any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth or any standard height and length vehicles will get activated and it will start reciprocating action with the help of springs placed in it and thus will be absorbing the shocks and simultaneously it will produce pumped gas as a free energy in running vehicles. I have placed large numbers of linear motion operated gas shock absorber mechanisms between the gaps of front axle assembly to rear axle assembly to absorb the shocks and simultaneously get the continuous pressure, flow and volume of pumped gas as free energy As the pumped gas as free energy passes through each of the galvanized milled steel pipes, galvanized tees, galvanized bends and non return valves and through main common pipeline, I will get a very big volume of continuous flow and pressurized pumped gas as free energy Pumped gas as free energy generating through this mechanism will go to the common pumped gas collection tank through pipelines and later on it will be directed to go to the Gas Turbine motor / Gas motor and after impacting of pumped gas in gas turbine motor / gas motor it will start rotating. The shaft of the Gas turbine motor / Gas motor is being coupled with the shaft of the generator and after impacting of pumped gas in gas turbine motor / gas motor it will start rotating along with the shaft of the generator and after getting the required revolution per minute (RPM) generator will start producing electricity which will be controlled by the control panel and this electricity generated can be used to drive any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth or any standard height and length vehicles with the help of electric motor or this electricity generated can be used to charge any type of batteries present in any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles or this pumped gas which is being generated can be used to generate high pressure compressed air with the help of aligning gas turbine motor / gas motor and high pressure compressor in the running any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles high pressure compressed air thus generated will be stored in FRP and epoxy coated high pressure sustaining tank and later on this high pressure compressed air will be directed to go in to compressed air operated engines to drive any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles or the generated pumped gas can be directly used to drive pumped gas operated engine or the generated pumped gas can be used to drive the gas turbine motor / gas motor which is being attached to the air compressor of any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles to rotate the air compressor which will eventually give chilled air inside the vehicles / chilled air in any refrigerator in the vehicle or the generated pumped gas can be used to drive the gas turbine motor / gas motor which is being attached to the alternator of any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles to rotate the alternator which will eventually produce electricity to charge the batteries or the generated pumped gas can be used to drive the gas turbine motor / gas motor which is being attached to the starter motor of any type of Automobile vehicles like Trucks, Buses, Tippers, Trailers, LCV, MCV, Cars, Jeeps, SUV, Motorcycles, Scooters, Cycles, Cycle rickshaws, any two wheeler vehicles, any three wheeler vehicles, any four wheeler vehicles, Railway Trains, Railway bogies, Railway wagons, Metro trains, Metro wagons, Ships or on any type of vehicles which are running on road / earth / sea or any standard height and length vehicles to rotate the starter motor to start the vehicles or the generated pumped gas can be directly stored in storage tank which will be used fill the pumped gas in rubber tubes of the wheels of the vehicles or the generated pumped gas can be used to drive the pumped gas operated jacks for lifting purpose. After impacting of pumped gas in gas turbine motor / gas motor the residual pumped gas energy will again be directed to go to the reversal pumped gas collection tank and again the cycle will be continued. The electricity generated by the above said procedure will be clean and environmentally friendly also.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2011

(21) Application No.626/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TUBULAR LINEAR MOTOR

(51) International classification	:H02K15/02; H02K41/02	(71) Name of Applicant : 1)MR. SHRIDHAR NAIDU Address of Applicant :A4/601, GANGA SATELLITE, WANOWARLE, PUNE 411040 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SHRIDHAR NAIDU
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a tubular linear motor for generating electricity on reciprocation, the tubular liner motor comprising: an enclosure having flanges secured on top and bottom ends; a louver configured on a side portion of the enclosure for ventilation; a stator assembly configured in the enclosure, the stator assembly having provisions for air circulation for heat dissipation; a ram enclosed within the stator assembly and extending out from flanges, the ram having provision for air circulation and a hammer assembly secured at one end for restriction of motion; and a blower disposed on one of the flange for circulating air in the enclosure and, over the stator and rotor assembly, wherein electricity is generated upon reciprocating the ram in side the stator, and efficiency is increased by forced air circulation from the blower over the stator and the rotor assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.78/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : BUDDY CHARGING FOR ELECTRIC VEHICLES.

(51) International classification	:B62D 23/00	(71) Name of Applicant : 1)TATA TECHNOLOGIES PTE LIMITED Address of Applicant :8 SHENTON WAY #19-05 AXA TOWER SINGAPORE 068811 Singapore
(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	: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 system for charging an electric vehicle wherein a donor vehicle enabling an accelerated charge flow to an recipient vehicle via a pack controller, in each vehicle, is electrically connected to the acceptor and donor power sources and is adapted to combine the functions of a battery pack protection circuit, battery charger, current and voltage regulator, a data monitor and a communication circuit associated with the charge transfer therefrom the donor to acceptor vehicle facilitating regulated and informed power transfer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR BICALUTAMIDE

(51) International classification	:C07C 317/46	(71) Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GURJAR MUKUND KESHAV
(33) Name of priority country	:NA	2)REDDY SRINIVAS MAMILLA
(86) International Application No	:NA	3)PATOLE JAYENDRA DATTATRAYA
Filing Date	:NA	4)RAMANI SRINIVASU VENKATARATNAM
(87) International Publication No	:N/A	5)WAGDARE VITTAL MANIKRAO
(61) Patent of Addition to Application Number	:NA	6)MEHTA SAMITA SATISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An industrially viable method for the preparation of bicalutamide wherein oxidation of 4-Cyano-3-trifluoromethyl-N-(3-p-fluorophenylsulfanyl-2-hydroxy-2-methyl propionyl)aniline with m-chloroperbenzoic acid (mCPBA) in presence of lower volume of halogenated solvent, followed by addition of ketonic solvent the reaction mixture and further by washing with sodium sulfite and sodium carbonate solution and isolating pure bicalutamide with desired purity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.380/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL ANTHRACENYL-IMINO GLUCOSYL-CONJUGATE AND A METHOD OF SELECTIVELY TESTING THE PRESENCE OF HG2+ THEREWITH

(51) International classification	:C07C 15/28	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :DEPARTMENT OF CHEMISTRY, MUMBAI - 400 076, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)PROF. CHEBROLU PULLA RAO
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel anthracenyl-imino glucosyl-conjugate and a method of selectively testing the presence of Hg2+ therein This invention relates to anthracenyl imino glucosyl conjugate of formula I This compound is capable of sensing the presence of Hg2+ ions in sample by turn on fluorescence with about 13 fold enhancement. Presence of other metallic ions and proteins in the sample does not affect the efficacy of this compound in exhibiting fluorescence.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.381/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOLAR DOMESTIC EGG INCUBATOR

(51) International classification	:A01K 41/02; A01K 41/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)VIGYAN ASHRAM Address of Applicant :AIP - PABAL, TAL-SHIRUR DIST- PUNE - 412403 Maharashtra India (72) Name of Inventor : 1)GADHE ANIL M.
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(57) Abstract :

The solar domestic egg incubator is device developed to start hatchery even on small scale . The device use hot water, heated using solar energy .Heat is transferred to incubating chamber by circulating hot water in copper coil fitted inside the incubating chamber. Humidity is maintained by keeping distilled water in open bowl. This device requires less monitoring as contact thermometer is used by which exhaust fan will operate. Solar panel and rechargeable batteries are used to run exhaust and circulatory fan. The device is all ready fabricated and two batches of eggs successfully hatched at 80% success for 21 days. This device will be lowest cost device so that rural farmers can use it easily and incubate required birds eggs on their own.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.606/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF LACOSAMIDE

(51) International classification	:C07C231/02	(71) Name of Applicant : 1)USV LIMITED Address of Applicant :B.S.D. MARG, STATION ROAD, GOVANDI, MUMBAI - 400 088. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SATHE DHANANJAY GOVIND
(87) International Publication No	:N/A	2)NAIDU AVINASH VENKATRAMAN
(61) Patent of Addition to Application Number	:NA	3)PATIL SACHIN SHIVAJI
Filing Date	:NA	4)DEORE RAVIRAJ BHATU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for preparation of (R)-2-acetamido-N-benzyl-3-methoxypropionamide, also known as Lacosamide. The present invention also relates to a process for preparation of (R)-N-benzyl-2-amino-3-hydroxy propionamide or salts thereof, an intermediate used in the synthesis of Lacosamide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.835/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOBILE DEVICE LOCATING IN CONJUNCTION WITH LOCALIZED ENVIRONMENTS•

(51) International classification	:G01C 21/20	(71) Name of Applicant :
(31) Priority Document No	:61/247,865	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/10/2009	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/US2010/051214	U.S.A.
Filing Date	:01/10/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/041743	1)DAS Saumitra Mohan
(61) Patent of Addition to Application Number	:NA	2)NAGUIB Ayman Fawzy
Filing Date	:NA	3)GUPTA Rajarshi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter disclosed herein relates to systems, methods, apparatuses, articles, etc. for mobile device locating in conjunction with localized environments. For certain example implementations, a method may comprise obtaining at a mobile device one or more signals comprising information indicative of a location thereof. The information may be transmitted to one or more servers. A location context identifier (LCI) may be received responsive to the transmitting, with the LCI corresponding to a localized environment at which the mobile device is located. The LCI may be transmitted to the one or more servers. Location-based data may be received responsive to the transmitting of the LCI, with the location-based data being associated with the LCI and pertaining to the localized environment. The location of the mobile device may be determined with respect to the localized environment based, at least in part, on the location-based data. Other example implementations are described herein.

No. of Pages : 81 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.451/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : GLOBAL DIGITAL VALUE NETWORKS

(51) International classification	:G06F 15/16; G06F 15/173	(71) Name of Applicant : 1)KANUMURU RAHUL RAJU Address of Applicant :K. RAHUL RAJU A/612, DALAMAL TOWER PREMISES CO-OPERATIVE SOCIETY LIMITED, 211, FREE PRESS JOURNAL MARG, NARIMAN POINT, MUMBAI- 400021 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KANUMURU RAHUL RAJU
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system to develop a digital platform by organizing of data sets, interactions and communications of the participants in structured categories and thereby deriving value networks of any economic entity or industry comprising of individuals or groups or legal entities or any combination of those to facilitate, enhance and encourage evolving value network cycles commencing from value creation to value consumption. In one embodiment, the platform comprising a service database configured to store information associated with value networks, a user interface coupled with and configured to interact with service database, a search engine configured to perform searches in the service database, a catalog module configured to create a catalog and store the same in the service database, said catalog comprising one or more data structures including but not limited to industry, sub-sectors, functions, sub-functions, supporting functions, and components; and further update the value networks thus created.

No. of Pages : 70 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2011

(21) Application No.627/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MALVIYA ENGINE POWERED BY HYDROZEN

	:F02M 25/12; F02M 25/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)GOVIND SINGH MALVIYA Address of Applicant :4 NAVEEN NAGAR BHOPAL Madhya Pradesh India (72) Name of Inventor : 1)GOVIND SINGH MALVIYA
(51) International classification		
(31) Priority Document No		
(32) Priority Date		
(33) Name of priority country		
(86) International Application No		
Filing Date		
(87) International Publication No		
(61) Patent of Addition to Application Number		
Filing Date		
(62) Divisional to Application Number		
Filing Date		

(57) Abstract :

The present invention relates to an engine fueled by hydrogen. More specifically, the present invention pertains to an engine fueled by hydrogen sourced from Aluminium hydroxide which is a freely available source. Hydrogen fueled internal combustion engine comprises a reactor that mixes aluminium, sodium hydroxide and water to produce hydrogen, a filter that filters crude hydrogen produced in reactor, a compressor that further compresses the filtered hydrogen, a cooling unit that allows compressed hydrogen gas to cool, an engine combustion chamber that further allows entry of cooled and compressed hydrogen gas into hydrogen injector.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2011

(21) Application No.628/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF SARPOGRELATE AND ITS SALT

(51) International classification	:C07C 213/06; C07C 219/06	(71) Name of Applicant : 1)CALYX CHEMICALS AND PHARMACEUTICALS LTD. Address of Applicant :2, MARWAH'S COMPLEX, SAKIVIHAR ROAD, SAKINAKA, ANDHERI (E), MUMBAI- 400 072, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)LAL BANSI
(33) Name of priority country	:NA	2)BAPAT CHINTAMANI PRABHAKAR
(86) International Application No Filing Date	:NA	3)LAHIRI SANJOY
(87) International Publication No	:N/A	4)KONDA ASHOK
(61) Patent of Addition to Application Number Filing Date	:NA	5)SHAIKH MAKABUL
(62) Divisional to Application Number Filing Date	:NA	6)RANE MONICA

(57) Abstract :

The present invention relates to a simple, eco friendly and an improved process for preparation of Sarpogrelate of Formula I and its salts employing water as a solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING SERVICE OVER USSD INTERACTIVE MENU

(51) International classification	:H04M 1/03	(71) Name of Applicant : 1)MINDSARRY TECHNOLOGIES PVT. LTD. Address of Applicant :528, RAHEJA'S METROPLEX (IJMIMA), LINK ROAD, NEAR INFINITY MALL, MALAD (W), MUMBAI-400064 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. ANURAG JAIN
(87) International Publication No	:N/A	2)MR. ASHISH ARYA
(61) Patent of Addition to Application Number	:NA	3)CHIRUTHA DALAL
Filing Date	:NA	4)DINESH AMLE
(62) Divisional to Application Number	:NA	5)VINIT KHANVILKAR
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for providing service over mobile device using USSD interactive menu. The present invention discloses a system and method for providing service over USSD interactive menu without telecom charges to end user. The invention allows users to call to a number and the system reverts back with an USSD Interactive Menu. Moreover, the call of user gets disconnected and the system reverts back with the menu of services to start request response system. Additionally, the options provided by request response platform is adaptable according to the services provided and replacement menu is based on the response of the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PELLET PRESS FOR PRODUCING PELLETS

(51) International classification	:B30B 11/22	(71) Name of Applicant :
(31) Priority Document No	:10 2009 051 481.3 DE	1)DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU Address of Applicant :Heilbronnerstr. 20 75031 Eppingen Germany
(32) Priority Date	:30/10/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)HEYMANNS Frank 2)HAAS Gernot von 3)NATUS G'l'nter 4)KROLL Detlef
(86) International Application No	:PCT/EP2010/006644	
Filing Date	:30/10/2010	
(87) International Publication No	:WO/2011/050987	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a pellet press for producing pellets (10) from material which is to be compressed. In the pellet press (3) the biomass (1) is compressed through the holes (13) of the die (4) by means of at least one press device (12) consisting of a roller (5) which rolls on the die (4) to form pellets (10). Said die (4) and/or the roller (5) are moved in relation to each other in a relative movement during the production thereof. The aim of the invention is to provide essential machine elements or modules which are simple to access and also quick to exchange. Also the construction and operation of the pellet press should be modular so that the production power can be variably adjusted and/or the production is independent of the repairs of individual modules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR FLEXIBLE ELECTRONIC PROGRAM GUIDE WITH UTMOST MOBILITY

(51) International classification	:H04N 7/173	(71) Name of Applicant : 1)WHATS ON INDIA MEDIA PRIVATE LIMITED Address of Applicant :A WING, 3RD FLOOR, TODI ESTATE, SUN MILL COMPOUND, OPP. PHOENIX MILLS, LOWER PAREL, MUMBAI 400013, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATUL PHADNIS
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The system and the method thereof provided by way of the present invention the EPG service provider manages hosted services and resources through a single combined portal, thereby efficiently publishing with optimal configuration of resources and services, and standardize integration and alignment of cloud-hosted platforms. This platforms may be deployed and configured to automate, provide and manage EPG services remotely to a user or service providers as well as system under the direct management of a EPG service provider and customized to provide services as per user preference.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.29/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : eGovern

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)Penta Consulting Pvt Ltd. Address of Applicant :Penta Consulting Pvt Ltd. 1131 Shukrawar Peth Pune- 411002 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Mr. Subhash Bathe
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 :

eGovern a suite of products and services which provide the tools for good governance in business and companies. ~eGovern™ is a suite of online tools which include eComply eConsolidate eTransit and others which provide guidance and assistance through a comprehensive set of well documented processes with a robust technology edge.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED DISPERSE DYE LEVELING AGENT FOR POLYESTER CONTAINING RICE
BRAN OIL ESTER

(51) International classification	:C08F 283/00	(71)Name of Applicant : 1)M/S. ROSSARI BIOTECH LTD., Address of Applicant :201-A & B, ACKRUTI CORPORATE PARK, LBS MARG, NEXT TO GREAT EASTERN GARDEN, KANJURMARG(W), MUMBAI - 400 078, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention involves an improved levelling agent in the disperse dyeing of polyester fabrics with disperse dyes. The levelling agent enhances dye levelling and dispersion properties. It is based on esters of naturally occurring vegetable oils such as soyabean, rice bran, cotton seed, coconut, castor oil.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.909/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT COMBINING GESTURAL INPUT FROM MULTIPLE TOUCH SCREENS INTO ONE GESTURAL INPUT•

(51) International classification	:G06F 3/048	(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.
(31) Priority Document No	:61/252,075	
(32) Priority Date	:15/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/052946	
Filing Date	:15/10/2010	
(87) International Publication No	:WO/2011/047338	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CASKEY Mark S. 2)DAHL Sten Jorgen Ludvig 3)KILPATRICK Thomas E. II
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for use by a touch screen device includes detecting a first touch screen gesture at a first display surface of an electronic device, detecting a second touch screen gesture at a second display surface of the electronic device, and discerning that the first touch screen gesture and the second touch screen gesture are representative of a single command affecting a display on the first and second display surfaces.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.91/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A MICRO-MEDIA AGITATOR MILL

(51) International classification	:B02C 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:855/MUM/2005
Filed on	:18/09/2005

(71)Name of Applicant :

1)FRANCISCO CARVALHO

Address of Applicant :3, SAIRAM APARTMENTS,
GROUND FLOOR, NEAR RAILWAY CROSSING, RAM
MANDIR ROAD, GOREGAON(W), MUMBAI - 400 104,
Maharashtra India

(72)Name of Inventor :

1)FRANCISCO CARVALHO

(57) Abstract :

The present invention provides a micro-media agitator mill for particle size reduction and dispersion of particulate size matter in slurry comprising a cylinder having inlet and outlet for slurry, wherein inner surface of cylinder has bellows-like deflectors; atleast one rotating shaft adapted centrally to the cylinder; a series of rotating discs adapted on the shaft, wherein each disc have an outer opening for passing of the slurry; and a deflector provided on the rotating shaft between the two rotating discs matching with the deflectors provided on the shaft wherein deflectors in combination with the two rotating discs form a compartment between the two disc and directs the slurry and grinding media to circulate within the compartment improving attrition between the grinding media and increasing the retention time of the slurry in the mill. Further, the cylinder has plurality of deflectors like bellows on the inner surface matching with deflectors provided on the outer surface of outer spacers thereby forming at least one compartment in combination with the rotating discs between the two rotating discs directing the slurry and grinding media to circulate within the compartment thereby improving attrition between the grinding media and increasing in the retention time of the slurry in the mill.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.393/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : GENERATION OF COMPRESSED AIR BY PLACING SEVERAL PISTON DRIVEN COMPRESSOR MECHANISMS BETWEEN THE FRONT/REAR AXLE ASSEMBLY AND THE CHASSIS/BODY OF ANY TYPE OF TRAINS TO GATHER COMPRESSION EFFECT WHEN IT IS IN RUNNING MODE TO GENERATE COMPRESSED AIR AND SUBSEQUENTLY BY THE USE OF THIS COMPRESSED AIR AND WITH THE HELP OF AIR MOTOR ANY TYPE OF TRAINS WILL BE DRIVEN OR THIS COMPRESSED AIR CAN BE USED TO GENERATE ELECTRICITY WITH THE HELP OF AIR MOTOR AND GENERATOR OR THIS COMPRESSED.....OF USE.

(51) International classification	:B61F 15/00; B61D 3/18	(71)Name of Applicant : 1)SANTOSH ARVIND PRADHAN Address of Applicant :ARUNODAYA,PLOT NO.51,PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR,NAGPUR 440025 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SANTOSH ARVIND PRADHAN
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(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 :

I have placed Compressed Air collection or receiver tank which is being attached to the several linear motion actuated Piston driven compressor mechanisms. I have placed several linear motion actuated Piston driven compressor mechanisms between the gaps of front axle assembly to rear axle assembly of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons. The linear motion actuated Piston driven compressor mechanisms has been attached to the front axle assembly, rear axle assembly of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons at one side and to chassis body of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons on another side or on any type of Automobile vehicles or on any other type of vehicles which are running on road / earth to gather compression effect of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or on any type of vehicles which are running on road / earth. The linear motion actuated Piston driven compressor mechanisms has been attached to the front axle assembly, rear axle assembly of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons at one side and to chassis body of a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons on another side just like shock ups in any automobile vehicles. Whenever a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or on any type of Automobile vehicles or on any other type of vehicles which are running on road / earth or any standard height and length vehicles will start running than due to uneven waviness present in any type of roads or uneven waviness in any type of Railway tracks the linear motion actuated Piston driven compressor mechanisms attached in a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or on any type of Automobile vehicles or on any other type of vehicles which are running on road / earth or any standard height and length vehicles will get activated and it will start reciprocating action with the help of springs placed in it and will produce Compressed air. I have placed large numbers of linear motion actuated Piston driven compressor mechanisms between the gaps of front axle assembly to rear axle assembly of railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons to get the continuous pressure, flow and volume of Compressed air as fuel energy. As the Compressed air as fuel energy passes through each of the galvanized milled steel pipes, galvanized tees, galvanized bends and non return valves and through main common pipeline, I will get a very big volume of continuous flow and pressurized Compressed air as fuel energy. Compressed air as fuel energy generating through this mechanism will go to the common compressed air collection tank through pipelines and later on it will be directed to go to the Air Turbine motor / Air motor and after impacting of compressed air in Air turbine motor / Air motor it will start rotating. The shaft of the Air turbine motor / Air motor is being coupled with the shaft of the generator and after impacting of compressed air in Air turbine motor / Air motor it will start rotating along with the shaft of the generator and after getting the required revolution per minute (RPM) generator it will start producing electricity which will be controlled by the control panel and this electricity generated can be used to drive a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or any type of vehicles which are running on road / earth or any standard height and length vehicles with the help of electric motor or this electricity generated can be used to charge any type of batteries present in a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or to any type of vehicles which are running on road / earth / sea or any standard height and length vehicles or the compressed air which is being generated can be directly use to rotate the Air turbine motor / Air motor to drive a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or to any type of vehicles which are running on road / earth / sea or any standard height and length vehicles or this compressed air which is being generated can be used to generate high pressure compressed air with the help of aligning Air turbine motor / Air motor on one side and high pressure compressor on another side in the running a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or on any type of vehicles which are running on road / earth or any standard height and length vehicles high pressure compressed air thus generated will be stored in FRP and epoxy coated high pressure sustaining tank and later on this high pressure compressed air will be directed to go in to compressed air operated engines to drive a railway bogies / railway wagons / railway engines / metro train bogies / metro train wagons or any type of Automobile vehicles or to any type of vehicles which are running on road / earth / sea or any standard height and length vehicles or the generated compressed air can be directly used to drive compressed air operated engine. After impacting of compressed air in Air turbine motor / Air motor the residual compressed air energy will again be directed to go to the reversal air collection tank if it is charged and from there it will again go back to the linear motion actuated Piston driven compressor mechanisms and again after the reciprocating action compressed air will be generated which will be used for further application of generating electricity or for charging batteries or for directly use of rotating Air turbine motor / Air motor or for using it as a fuel in any other vehicles or for any other application of use. The electricity generated by the above said procedure will be clean and environmentally friendly also.

No. of Pages : 11 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2011

(21) Application No.565/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM FOR FACILITATING CONFIGURATION, DATA TRACKING AND REPORTING FOR DATA CENTRIC APPLICATIONS

(51) International classification	:G06F17/30; G06F 17/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LTD. Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400 021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJINI RAMESH
(87) International Publication No	:N/A	2)VISHNUPRIYA JANARDHANAN
(61) Patent of Addition to Application Number	:NA	3)MADHAVI GARLAPATI
Filing Date	:NA	4)DHINAKARAN P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented system for facilitating configuration, data tracking and reporting for data centric applications and a method for performing the same have been disclosed. The system enables an enterprise to quickly move from paper based tracking to web based mode by configuring metadata. Also, the system hosts multiple tenants on a single server and enables creation of workspace to enable users within a tenant to securely view the data based on his/her permission levels. Additionally, the system classifies the resources as Human and Non-Human resources and further as static resources which are shared metadata across tenants and non-static resources which are applicable only to a particular tenant. Thus, the system enables common information to be shared easily across various organizations while securing the data via workspaces. Furthermore, the system includes report creation and dashboard generation capability using data from within the system as well as from external databases.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.62/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF FESOTERODINE

(51) International classification	:C07C 213/06	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMAN Jayaraman Venkat
(87) International Publication No	: NA	2)PATEL Samir
(61) Patent of Addition to Application Number	:NA	3)THAKOR Indrajit
Filing Date	:NA	4)PAREKH Viral
(62) Divisional to Application Number	:NA	5)LADANI Mahesh
Filing Date	:NA	6)PATIL Chetan
		7)PATEL Ronak
		8)RAVAL Prashant

(57) Abstract :

The present invention relates to an improved process for the preparation of Fesoterodine and pharmaceutically acceptable salts thereof. The present invention particularly relates to a process for the preparation of Fesoterodine from O-benzyl tolterodine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/03/2011

(21) Application No.620/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR MANUFACTURE OF HERBAL PROBIOTIC FERMENTED MILK PRODUCT

(51) International classification	:a61k 36/00	(71) Name of Applicant : 1)Anand Agriculture University Address of Applicant :The Director of Research and Dean PG Studies Anand Agricultural University Anand Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Prajapati Jashbhai Bhikhabhai 2)Momin Jafarali Kasimali
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 manufacturing method for herbal probiotic fermented milk product of the present invention is based on a product with probiotic cultures of L. helveticus MTCC 5463 and S. thermophilus MTCC 5460 added with herb safed musli powder to provide a natural and effective nutraceutical fermented milk drink with probiotic benefits which has long shelf life.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.825/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING CANCER

(51) International classification	:A61K 31/00	(71) Name of Applicant : 1)ARIAD PHARMACEUTICALS, INC. Address of Applicant :26 LANDSDOWNE STREET, CAMBRIDGE, MA 02139 U.S.A.
(31) Priority Document No	:61/256,690	
(32) Priority Date	:30/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US10/055016	(72) Name of Inventor :
Filing Date	:01/11/2010	1)HUANG, WEISHENG
(87) International Publication No	:WO 2011/053938	2)RIVERA, VICTOR, M.
(61) Patent of Addition to Application Number	:NA	3)CLACKSON, TIMOTHY, P.
Filing Date	:NA	4)SHAKESPEARE, WILLIAM, C.
(62) Divisional to Application Number	:NA	5)SQUILLACE, RACHEL, M.
Filing Date	:NA	6)GOZGIT, JOSEPH, M.

(57) Abstract :

The invention features methods, kits, and pharmaceutical compositions for treating cancer using 3-(imidazo[1,2-b]pyridazin-3-ylethylyn)-4-methyl-N-(4-(4-methylpiperazin-1-yl)-methyl)-3-(trifluoromethyl)phenyl)benzamide.

No. of Pages : 142 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A DRILLING GUIDE FOR DRILLING A COMBIHOLE.

(51) International classification	:A61B 17/16
(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:83/MUM/2011
Filed on	:11/01/2011

(71)Name of Applicant :

1)SHINDE PADMAKAR

Address of Applicant :3 SUKHDHAM SOCIETY, OPP, ST FRANCIS SCHOOL, TIDKE COLONY, NASHIK, Maharashtra India

(72)Name of Inventor :

1)SHINDE PADMAKAR

(57) Abstract :

A drilling guide adapted to drill a combihole through a bone for passing ligament grafts for ligament reconstruction, said drill guide comprising: a pair of adjacently located cannulae adapted to drill and form said combihole, said cannulae being conjoined to intersect each other.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.836/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : VENUE APPLICATION FOR MOBILE STATION POSITION ESTIMATION•

(51) International classification	:H04L 29/08
(31) Priority Document No	:61/247,873
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051223
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)BURDO Rinat

2)DAS Saumitra Mohan

3)GUPTA Rajarshi

(57) Abstract :

Disclosed are a system and method for using an entity hosted on a mobile station to selectively provide portions of infrastructure information to one or more other applications hosted on the mobile station.

No. of Pages : 47 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR AFFECTING APPLICATION OF A FILTERING MODEL USING CARRIER PHASE•

(51) International classification	:G01S 19/37
(31) Priority Document No	:12/560,840
(32) Priority Date	:16/09/2009
33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049183
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/035068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)LIU Quanwei

2)RILEY Wyatt Thomas

(57) Abstract :

Methods and apparatuses are provided that may be implemented various electronic devices to affect application of a filtering model used for obtaining a navigation solution. In particular signal characteristics of one or more received signals are used for selecting application of a particular filtering model from a plurality of filtering models.

No. of Pages : 37 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.833/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AZO COMPOUNDS, INK COMPOSITIONS, AND COLORED BODIES•

(51) Internat onal classification	:C09B 43/16	(71) Name of Applicant :
(31) Priority Document No	:2009-234225	1)NIPPON KAYAKU KABUSHIKI KAISHA
(32) Priority Date	:08/10/2009	Address of Applicant :11-2 Fujimi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 102-8172 Japan
(86) International Application No	:PCT/JP2010/066295	(72) Name of Inventor :
Filing Date	:21/09/2010	1)MATSUI Takahiko
(87) International Publication No	:WO/2011/043184	2)YOSHIMOTO Takashi
(61) Patent of Addition to Application Number	:NA	3)OHNO Hiroaki
Filing Date	:NA	4)HIROTA Koji
(62) Divisional to Application Number	:NA	5)YONEDA Takashi
Filing Date	:NA	6)KAWAGUCHI Akira

(57) Abstract :

Azo compounds represented by general formula (1) or salts thereof are provided as highly water-soluble colorants which have hues of yellow, orange, brown or red, and excellent color development properties and which, when used in various recording processes, particularly in an inkjet recording process, ensure various excellent fastnesses such as light fastness, ozone fastness, and fading balance. Ink compositions containing the colorants are also provided. In general formula (1), R1 to R8 are each independently a hydrogen atom, C1-4 alkyl, C1-4 alkoxy, or the like; and X is C1-8 alkylendiamino, xylylenediamino, or the like.

No. of Pages : 110 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.79/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOBILE DEVICE APPLICATION INTEGRATION WITH INFOTAINMENT HEAD UNITS.

(51) International classification	:H04M 1/60	(71) Name of Applicant : 1)HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED Address of Applicant :8500 BALBOA BLVD., NORTHRIDGE, CA 91329 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ARVIN BAALU 2)MANU MALHOTRA 3)SANGEETHA V 4)OMPRAKASH MEENA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system is provided for integrating a feature rich application platform operating on a mobile device with a vehicle infotainment system. The system includes a head unit configured to control user interface devices including a display, a command entry device, and an audio output device. The head unit also includes computing resources and a communications interface. A content consumer application operates using the computing resources of the head unit, and is configured to communicate user generated commands over a communications interface to a content provider application executing on a mobile device. The content provider application is configured to direct the user generated commands to one of a plurality of sub-applications on the mobile device.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2012

(21) Application No.96/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMPROVEMENTS IN THE PROCESS FOR PREPARATION OF FENPYROXIMATE

(51) International classification	:C07D 239/60	(71) Name of Applicant : 1)EXCEL CROP CARE LIMITED Address of Applicant :184-87 S. V. ROAD, JOGESHWARI (WEST), MUMBAI 400 102, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(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 :

An improved process for the preparation of fenpyroximate is disclosed wherein fenpyroximate is obtained in 79% yield and 98% purity. Fenpyroimate is prepared by reaction of 1,3-Dimethyl-5-phenoxyprazole-4-oxime with 4-chloromethylbenzoic acid tert-butyl ester in presence of an alkali and triethylbenzylammonium chloride as a catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.418/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A CONDENSER HEAT RECOVERY BASED DISTILLING PROCESS AND APPARATUS

(51) International classification	:F25B29/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 400007 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 condenser heat recovery based distilling process and apparatus is provided in various embodiments of the present invention. The apparatus 100 includes a housing 102, at least one longitudinal trough 106 connected to a pair of opposite sidewalls 104 of the housing 102 for storing contaminated water, the trough 106 has a channel 110 couplable to a compressor outlet for receiving a high pressure high temperature refrigerant vapor. Heat of the refrigerant vapor is rejected within the contaminated water. A plurality of contacting discs 122 is stacked together on a 124 connected to the pair of opposite sidewalls 104 of the housing 102. The contacting discs 122 are positioned within the trough 106 in a manner that a portion of each of the contacting disc 122 contacts the contaminated water and a remaining portion of each of the contacting disc 122 being exposed to air. The contacting discs 122 allow the heated contaminated water contacting thereof to exchange heat and mass with the air. Further, at least one dehumidifier 126 having a cooling medium flowing therein is disposed proximally to the plurality of contacting discs 122 to dehumidify the humid air.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.80/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED ONE-POT PRECESS FOR THE PREPARATION OF CHP, A PALIPERIDONE INTERMEDIATE

(51) International classification	:C07K 17/02	(71)Name of Applicant : 1)MEGAFINE PHARMA(P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI- 400 002, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved one-pot process for the preparation of 3-(2-chloroethyl)-9-hydroxy-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]-pyrimidin-4-one (CHP), a paliperidone intermediate; wherein 3-(benzyloxy)pyridine-2-amine with 3-acetyldihydrofuran-2-(3H)-one in presence of solvent, and an activating agent to obtain compound of formula (V) in-situ, which is further reacted in-situ with catalyst to obtain 3-(2-chloroethyl)-9-hydroxy-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]-pyrimidin-4-one (CHP).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.608/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 4-SUBSTITUTED-1, 4-DIHYDROPYRIDINES OF FORMULA ANALOGS THEREOF

(51) International classification	:C07D211/90	(71) Name of Applicant : 1)ARCH PHARMALABS LIMITED Address of Applicant :H WINGS, 4TH FLOOR, TEX CENTER, OFF SAKI VIHAR ROAD, CHANDIVALI, ANDHERI (EAST), MUMBAI-400 072, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(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 :

: 4-Substituted-1,4-dihydropyridines of formula I are prepared by a cycloaddition reaction in which the cyclization is driven to completion at ambient temperature optionally in water without any catalyst. For exemplary purposes, the invention is described in particular detail with respect to the preparation of felodipine of formula II. Felodipine, a vasodilator, is prepared by a cycloaddition reaction of alkyl 3-aminocrotonate with dichlorobenzylidene under reaction conditions whereby the product crystallizes out of the reaction solution and may be directly isolated by filtration.

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.609/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL POLYMORPH OF ARGATROBAN

(51) International classification	:C07D401/12	(71) Name of Applicant : 1)ENALTEC LABS PRIVATE LIMITED. Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO. 5SECTOR-19, SANPADA, NAVI MUMBAI PIN CODE:400705 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel crystalline form II of argatroban, to processes of preparing crystalline form II of argatroban and pharmaceutical composition thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.421/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVELOPMENT OF FREE FLOWING, PALATABLE NOVEL DRUG DELIVERY SYSTEM FOR AYURVEDIC GHRITAS

(51) International classification	:A61K 36/00	(71)Name of Applicant : 1)SINGH KAMALINDER KAUR Address of Applicant :C.U. SHAH COLLEGE OF PHARMACY, SNDT WOMEN'S UNIVERSITY, SIR VITHALDAS VIDYAVIHAR, JUHU CAMPUS, SANTACRUZ (WEST), MUMBAI - 400 049, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SINGH KAMALINDER KAUR
Filing Date	:NA	2)PATEL MEDHA CHETAN
(62) Divisional to Application Number	:NA	3)DHAMI MANJU HAYAT SINGH
Filing Date	:NA	

(57) Abstract :

The formulation development of lipospheres containing Ayurvedic Ghritas and subsequent incorporation of the developed lipospheres into effervescent powder to be administered immediately after reconstitution with water has been disclosed. Semisolid, sticky, unpalatable medicated ghritas containing herbal drugs are converted into solid, free flowing lipospheres which mask the obnoxious taste and odour of ghee and herbs in it. Also, the dry effervescent powder containing the developed lipospheres has been blended with suitable surfactants to assist in redispersibility of lipospheres in water. Moreover, the dry effervescent powder containing the developed lipospheres has been adequately flavoured and coloured to give an elegant looking and pleasant tasting effervescent drink suitable for administration of large dose medicaments.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.422/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NANOTECHNOLOGY BASED HERBAL COMPOSITION FOR SAFE AND EFFECTIVE TREATMENT OF PSORIASIS

(51) International classification	:A61K 35/00; A61K 39/00	(71)Name of Applicant : 1)SINGH KAMALINDER KAUR Address of Applicant :C.U. SHAH COLLEGE OF PHARMACY, SNDT WOMEN'S UNIVERSITY, SIR VITHALDAS VIDYAVIHAR, JUHU CAMPUS, SANTACRUZ (WEST), MUMBAI - 400 049, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SINGH KAMALINDER KAUR
(32) Priority Date	:NA	2)PATEL MEDHA CHETAN
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a herbal topical preparation comprising flaxseed oil encapsulated in nanotechnology based gels, for treatment of psoriasis. Further the present invention provides two novel herbal Nanoemulsion and nanostructured lipid carrier based formulations comprising flaxseed oil and the process for the preparation of the same in pharmaceutically acceptable dosage forms for safe and effective topical treatment of psoriasis with improved stability, enhanced dermal penetration, skin localization and better efficacy.

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF AGOMELATINE

(51) International classification	:C07C231/02; C07C217/60; C07C213/02	(71) Name of Applicant : 1)CADILA PHARMACEUTICALS LIMITED Address of Applicant :Cadila Corporate Campus Sarkhej - Dholka Road Bhat Ahmedabad Gujarat India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KHAMAR Bakulesh Mafatlal
(33) Name of priority country	:NA	2)BHUVA Chirag Vithalbhai
(86) International Application No	:NA	3)MUGALE Balaji Ram
Filing Date	:NA	4)KANANI Ashok Ratilal
(87) International Publication No	: NA	5)KAGATHARA Nirav Keshavlal
(61) Patent of Addition to Application Number	:NA	6)BAPAT Uday Rajaram
Filing Date	:NA	7)MODI Indravadan Ambalal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of agomelatine starting from reaction of 7-methoxy-1-tetralone with organozinc compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.837/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ACETYLENE GENERATING FACILITY, METHOD OF CONTROLLING ACETYLENE GENERATING FACILITY AND METHOD OF PRODUCING ACETYLENE GAS

(51) International classification	:C10H 3/00, C07C 1/00	(71)Name of Applicant : 1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant :1-1 Nihonbashi-Muromachi 2-chome Chuo-ku Tokyo 1038338 Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2010/070293	(72)Name of Inventor : 1)Hiroaki OMORI
Filing Date	:15/11/2010	
(87) International Publication No	:WO/2012/066611	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an acetylene generating facility which includes: an acetylene generator generating acetylene gas by allowing calcium carbide to react with water; a supply tank supplying calcium carbide to the acetylene generator; a water supply unit supplying water to the acetylene generator; a gas flow rate detector detecting amount of generation of acetylene gas output from the acetylene generator; a gas temperature detector detecting temperature of the acetylene gas output from the acetylene generator; and a control device controlling flow rate of water to be supplied to the acetylene generator based on the amount of generation of acetylene gas and the temperature of acetylene gas.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : COVER FOR THE LUGGAGE COMPARTMENT OF A MOTOR VEHICLE

(51) International classification	:B60R 5/04	(71) Name of Applicant :
(31) Priority Document No	:0904991 (FR)	1)CENTRE DETUDE ET DE RECHERCHE POUR
(32) Priority Date	:16/10/2009	LAUTOMOBILE (CERA)
(33) Name of priority country	:France	Address of Applicant :2 rue Emile Arques F-51100 Reims
(86) International Application No	:PCT/FR2010/000689	France
Filing Date	:15/10/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/045491	1)BRILLON Eric
(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 cover (1) for the luggage compartment of a motor vehicle. The cover comprises two main panels (2) hinged to one another along a shared edge each of said panels comprising a peripheral frame (3) surrounding a flexible sheet (4) wherein each sheet forms part of a one-piece screen (5). A first strip (6) of the screen is disposed between the panels to allow same to be folded on top of one another about the flexible-hinge-forming strip.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.839/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COVER FOR THE LUGGAGE COMPARTMENT OF A MOTOR VEHICLE

(51) International classification	:B60R 5/04	(71) Name of Applicant :
(31) Priority Document No	:0904990 (FR)	1)CENTRE DETUDE ET DE RECHERCHE POUR
(32) Priority Date	:16/10/2009	LAUTOMOBILE (CERA)
(33) Name of priority country	:France	Address of Applicant :2 rue Emile Arques F-51100 Reims
(86) International Application No	:PCT/FR2010/000690	France
Filing Date	:15/10/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/045492	1)BRILLON Eric
(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 cover (1) for the luggage compartment of a motor vehicle. The cover comprises at least one reinforcing frame (2) which is inserted between an upper sheet (3) and a lower sheet (4) of flexible material said sheets being laminated to one another over substantially all of the surface thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : SCISSOR BASED LOCKING ARRANGEMENT FOR CONTACT SYSTEM

(51) International classification	:E05B 17/00; E05B 15/04 :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF Maharashtra India (72) Name of Inventor : 1)PATIL, RUPALI, S. 2)SAHA SAURABH 3)PATIL YOGESH N.
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(57) Abstract :

The present invention relates to an improved cam based locking mechanism for contact system. The mechanism comprises a rotor means (3), plurality of fixed contact (1), plurality of moving contact (2) comprising plurality of cam profiles (16, 17), plate means (5) having plurality of cam profile (13, 14), plurality of contact pressure assembly located on the plate means (5) comprising plurality of contact pressure pin (15), plurality of fixed pin means (4) substantially placed on the diametrically opposite side of contact pressure pin (15), plurality of contact pressure element (6), a locking assembly located on the plate means (5) comprising plurality of locking pin means (7) and a locking element (8).

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.425/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF PURE IRON CHELATOR

(51) International classification	:C07D249/08	(71) Name of Applicant : 1)CIPLA LIMITED Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAO, DHARMARAJ RAMACHANDRA
(87) International Publication No	: NA	2)KANKAN, RAJENDRA NARAYANRAO
(61) Patent of Addition to Application Number	:NA	3)NAIK, SANJAY
Filing Date	:NA	4)PRABHU, MANGESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a process for preparing substantially pure deferasirox or a pharmaceutically acceptable salt thereof which process comprises reacting 2-hydroxy-N-(2-hydroxybenzoyl)benzamide with inorganic acid salt of 4-hydrazinobenzoic acid in presence of an acid in a suitable solvent.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN ENCLOSED SPACE CABINET CONFIGURED FOR HIGH SENSIBLE HEAT LOAD APPLICATION

(51) International classification	:F24F 3/00; B60H 1/00	(71)Name of Applicant : 1)BLUE STAR LIMITED Address of Applicant :KASTURI BUILDINGS, MOHAN T. ADVANI CHOWK, JAMSHEJI TATA ROAD, MUMBAI - 400 020, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)JITENDRA BHAMBURE
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an air conditioning system for a shelter including telecom cabinet, comprising: at least one window opening for air flow between atmosphere side and enclosed space; a cooling mode system including a refrigeration circuit having a compressor, a condenser coil, evaporator coil, and an expansion device having a variable opening connected in the required order; a free-cooling mode system having a first damper adapted at the window for directing air-flow adapted on an inlet for outer air and atleast one turbine-ventilator provided on top of the cabinet with a second damper, the turbine ventilator powered by wind for creating effective ventilation; a plurality of temperature sensors for sensing the temperature inside and outside of the enclosed space; and a controller means for controlling opening of the first and second damper when the system operates on the free-cooling mode in order to cause air flow by use of turbo-ventilator for maintaining the temperature of the enclosed space within a predefined range.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.412/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MIXER CUM DISPENSER

		(71) Name of Applicant : 1)PADALKAR, RAHUL RAVINDRA Address of Applicant :2154, SALSHINGE ROAD, YAHWANTNAGAR, VITA-415311 DIST-SANGLI Maharashtra India
(51) International classification	:B01F 3/00; B01F 3/20 :NA :NA :NA :NA :NA : NA :NA :NA :NA	2)MADGULKAR, ASHWINI RAGHVENDRA 3)GABHE, NISHAD SATISH 4)GUNJAL, MANASI MILIND 5)LUNAVAT, HARSHAD NITIN 6)PATIL, ISHAN YASHWANT 7)PATEL, ANUPRITA VINODBHAI 8)BHALEKAR, MANGESH RAMESH
(31) Priority Document No		(72) Name of Inventor :
(32) Priority Date		1)PADALKAR, RAHUL RAVINDRA
(33) Name of priority country		2)MADGULKAR, ASHWINI RAGHVENDRA
(86) International Application No Filing Date		3)GABHE, NISHAD SATISH
(87) International Publication No		4)GUNJAL, MANASI MILIND
(61) Patent of Addition to Application Number Filing Date		5)LUNAVAT, HARSHAD NITIN
(62) Divisional to Application Number Filing Date		6)PATIL, ISHAN YASHWANT
		7)PATEL, ANUPRITA VINODBHAI
		8)BHALEKAR, MANGESH RAMESH

(57) Abstract :

The present invention discloses a single pot mixer cum dispenser, useful for manufacturing mixed products, dispensing and yielding 100% product in the final primary package of the product, comprising a cylindrical vessel(A) containing the mixture; a mechanical stirrer(D) being inserted into said cylindrical vessel(A), said stirrer mixes the mixture thoroughly; a heating jacket(G) for heating or cooling the mixture in said cylindrical vessel(A); a temperature regulator(B) to control and monitor the temperature of said heating jacket(G); a tap(C) fitted at the bottom of said cylindrical vessel to remove the final product; a nozzle(F) having a perforated outlet for extrusion, wherein said tap(C) being fitted with a threaded ring at the opening of said nozzle(F); a plunger(E) for pushing the contents out of said nozzle(F) at the bottom, said plunger and said mechanical stirrer being attached to the same shaft; a data integrator / recorder to record temperature and stirrer speed during formulation process; wherein said mixer cum dispenser being totally sealed to prevent contamination.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.85/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN UNERRING ALIGNMENT AND RESECTION GUIDE ASSEMBLY.

(51) International classification	:A61F 2/38	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI 400076, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)VIKAS DHRUWDAS KARADE 2)PROF. B. RAVI
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel concept of modular instrument for tibial resection in knee replacement surgery. It provides accurate alignment thereby improving the accuracy of the surgery and makes the surgery easier to perform. The present invention has two modules: Extramedullary (EM), which works on extramedullary referencing principle, and intramedullary (IM), which works on intramedullary referencing principle. These two different modules (intramedullary and extramedullary) are combined in a single modular cutting instrument. The integration allows use of both the referencing principles and reduces the limitations that occur when the principles are used in separate instruments. The present invention provides and ensures more accurate use of both extramedullary and intramedullary referencing principles.

No. of Pages : 40 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.403/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : EZMANAGEMENT- A WAY FOR SELF-SUSTAINED & HIGHLY STABLE WORLD ECONOMIES.

(51) International classification	:G06F17/30; G06F17/27	(71) Name of Applicant : 1)MRS. SUNAINA BHOSALE Address of Applicant :BRAMHESHWAR RESIDENCY, BLOCK # B8, 1764/A3, UBHA MARUTI CHAUK, SHIVAJI PETH, KOLHAPUR, 416 012, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MRS. SUNAINA BHOSALE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to achieving self-sustained; highly stable global economy through artificially intelligent, automated, self-evolving business management methodology comprising of management tools such as communicator, training, meetings, requests, security, audit, project management etc. through realtime performance management, feedback management system and rules engine.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PREDICTION OF REFINING CHARACTERISTICS OF OIL

(51) International classification	:G01N 33/28	(71)Name of Applicant : 1)BHARAT PETROLEUM CORPORATION LIMITED Address of Applicant :Bharat Petroleum Corporation Ltd. Bharat Bhavan 4 & 6 Currimbhoy Road Ballard Estate Mumbai Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)KUMAR Rajeev 2)AHSAN Mohammad Muzaffar 3)PARIHAR Prashant Udaysinh 4)VOOLAPALLI Ravi Kumar
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 a system for predicting the refining characteristics of an oil sample are described. The method of predicting the refining characteristics may include development of a prediction model based on regression. The method may further include determining the physical properties of the oil sample and predicting the refining characteristics based on the developed prediction model. The determination of the physical properties of the oil sample includes determining at least one of Conradson Carbon Residue (CCR) content Ramsbottom Carbon Residue (RCR) and Micro Carbon Residue.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3537/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TRAVEL PLANNING

(51) International classification	:G06F 17/60	(71)Name of Applicant : 1)VARUN AIR SERVICES AND SOLUTIONS PVT. LTD Address of Applicant :509/510 BONANZA A WING SAHAR PLAZA ANDHERI KURLA ROAD ANDHERI (EAST) MUMBAI 400059, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)SHASHI MISHRA 2)APARNA PENDSE
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present Invention is to provide a method and system for automatic selection of transporter for travel bookings. The method is defined particularly to recommend a list of transporter where the traveler has the maximum chance of getting appropriate travel bookings further to the authentication/authorization of the travel plan.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.820/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CARBOHYDRATE COMPOSITIONS HAVING A GREATER IMPACT ON THE INSULINEMIC RESPONSE THAN ON THE GLYCEMIC RESPONSE•

(51) International classification	:A23L 1/09
(31) Priority Document No	:12/571,684
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/064298
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/039151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROQUETTE FRERES

Address of Applicant :1 rue de la Haute Loge F-62136
LESTREM France

(72)Name of Inventor :

1)ZHOU Liuming

2)PARADY Tom

3)PERERA Chandani

4)GERHARDT Robert

5)WILS Daniel

6)BAUMANN Dominique

7)DEGRAVE-SANIEZ Marie-Hélène

(57) Abstract :

The present invention describes a carbohydrate composition having a greater impact on the insulinemic response than on the glycemic response comprising a soluble dietary fiber and a glucose syrup process to prepare it and their use in food.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.821/MUMNP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ROUTING GRAPHS FOR BUILDINGS USING SCHEMATICS•

(51) International classification	:G01C 21/20
(31) Priority Document No	:61/247 869
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051216
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041745
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)KHORASHADI Behrooz

2)DAS Saumitra Mohan

3)GUPTA Rajarshi

(57) Abstract :

The subject matter disclosed herein relates to systems methods etc. for creating a routing graph based at least partly on building information which may include relatively low-detail schematics. For certain example implementations a method may include obtaining building information descriptive of at least a portion of a building structure and superimposing a grid of points onto the building information. The building information may be analyzed using the superimposed grid of points by projecting multiple rays from multiple points of the superimposed grid of points. At least one routing graph may be created responsive to the analyzing and based at least in part on the superimposed grid of points and the building information. Other example implementations are described herein.

No. of Pages : 94 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(21) Application No.30/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : RECEIVER FOR COHERENT OPTICAL TRANSPORT SYSTEMS BASED ON ANALOG SIGNAL PROCESSING

(51) International classification	:H04B10/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHALABH GUPTA
(61) Patent of Addition to Application Number	:NA	2)NANDAKUMAR N P
Filing Date	:NA	3)ANITA GUPTA
(62) Divisional to Application Number	:NA	4)MOYADE PAWAN KUMAR PRADEEPKUMAR
Filing Date	:NA	

(57) Abstract :

The present invention discloses a receiver for coherent optical transport systems based on analog signal processing and the method of recovering transmitted data by processing signals in electronic domain. In the present invention, high-speed electrical signals obtained from optical-to-electrical converters which carry transmitted data information in a coherent transport system are jointly processed in analog domain itself without converting these signals to the digital domain using high speed ADCs. Different processing steps which may include carrier phase & frequency offset recovery and compensation, polarization mode dispersion and/or chromatic dispersion, clock & data recovery and deserialization may be performed while keeping the information signals in analog domain itself.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.467/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROJECT MANAGEMENT SYSTEM

(51) International classification	:G06F9/46; G06F9/44	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)NATARAJAN Vijayarangan
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system described herein relate to management of a project. In one implementation, the method comprises identifying at least two phases of the project. The at least two phases comprise one research level phase and one project level phase. The method also comprises identifying tasks associated with each of the at least two phases, identifying a number of failure cycles in the research level phase, and evaluating an efficiency of the project based on the tasks and the number of failure cycles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.59/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE AND COMPOSITION FOR DRUG RELEASE

(51) International classification	:A61K 9/00	(71) Name of Applicant : 1)SAHAJANAND MEDICAL TECHNOLOGIES PVT. LTD. Address of Applicant :Sahajanand Estate Wakharia Wadi Nr. Dabholi Char Rasta Ved Road Surat Gujarat Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 device having a coating (800) comprising a base layer (802) comprising at least one polymer covalently linked to heparin and an effective amount of at least one pharmaceutically active agent, and a top layer (804) comprising at least one polymer alone or in combination with heparin, wherein the heparin is covalently linked to at least one polymer. Further, a composition comprising at least one pharmaceutically active agent admixed with heparin covalently linked to at least one polymer and an antioxidant to stabilize the pharmaceutically active agent is provided herein.

No. of Pages : 51 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.98/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWAPPABLE, CONFIGURABLE AND STRUCTURAL BATTERY PACK FOR ELECTRIC VEHICLES

(51) International classification	:H01M 10/46	(71)Name of Applicant : 1)TATA TECHNOLOGIES PTE LIMITED Address of Applicant :8 SHENTON WAY #19-05 AXA TOWER SINGAPORE 068811 Singapore
(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	:N/A	
(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 swappable battery packaging for electric vehicle, the said apparatus is contributing for the dual purpose of protecting the batteries and providing contribution to the overall structural performance of the vehicle. The apparatus offer a self repairable battery packing system, to even a novice user thereof, offering each of replacement or recharging operations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF KETOLIDE INTERMEDIATES

(51) International classification	:C07H17/08; C07D493/04	(71) Name of Applicant : 1)Wockhardt Limited Address of Applicant :D-4 MIDC Industrial area Chikalthana Aurangabad - 431210 M.S. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Patil Vijaykumar Jagdishwar
(33) Name of priority country	:NA	2)Birajdar Satish
(86) International Application No	:NA	3)Dhond Bharat
Filing Date	:NA	4)Trivedi Bharat Kalidas
(87) 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 inventions discloses a process for preparation of compounds of Formula (IX), Wherein, R is C1-C6 alkyl, R1 is hydrogen or a hydroxyl protecting group, and R2 is hydrogen or fluorine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.612/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SUGAR FREE NICOTIN POLACRITEX LOZENGES, AND METHOD OF MAKING

(51) International classification	:A61K 31/465	(71) Name of Applicant : 1)M/S. AANJANEYA LIFECARE LIMITED Address of Applicant :AANJANEYA HOUSE, NO 34, POSTAL COLONY, CHEMBUR MUMBAI, 400071 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR KANNA VISHWANATH 2)KASHI VISHWANATH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sugar free nicotine lozenge consisting of 1 mg nicotine, Isomalt 1.5 mg to 3.5mg, Sucralose, 1.5 mg to 3.5mg, Menthol 4 mg to 8mg, Citric acid 15 mg to 30 mg, Glycerin Img to 2 mg, Taste enhancer FG flavor 0.100 mg to 0.200 mg , Pan masala flavorO. 100 mg to 0.300 mg, Coolmint flavor 0.150 mg 0.300 mg , Colour carmosine 0.250 to 0.350 mg, Methyl paraben 3 mg to 6 mg, Propyl paraben 0.1 to 0.6 mg .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.614/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF HIGHLY PURE IVABRADINE HYDROCHLORIDE

(51) International classification	:C07D223/16; C07D223/00	(71) Name of Applicant : 1)Alembic Ltd Address of Applicant :Alembic Research Centre Alembic Ltd Alembic Road Vadodara Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMAN Jayaraman Venkat
(87) International Publication No	: NA	2)TOMER Sanjiv
(61) Patent of Addition to Application Number	:NA	3)RANA Piyush
Filing Date	:NA	4)KANZARIYA Kamlesh
(62) Divisional to Application Number	:NA	5)BORSANIYA Manoj
Filing Date	:NA	

(57) Abstract :

The present invention encompasses a process for the preparation of highly pure Ivabradine hydrochloride by treating crude Ivabradine with derivatizing agent which derivatize impurities adhered with the crude Ivabradine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.419/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/02/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : TUNNEL LIFT BAG

(51) International classification	:B65G 9/00	(71)Name of Applicant : 1)FLEXITUFF INTERNATIONAL LTD. Address of Applicant :C-41-50, SEZ, SECTOR-3, PITHAMPUR 454 775, DIST. DHAR, MADHYA PRADESH, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)KALANI SAURABH
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 bag includes an operative bottom face, a plurality of side faces, a plurality of loops, and a pair of tunnels. The side faces and operative bottom face configure an enclosure with an open operative top for facilitating filling of the enclosure. The first pair of opposite side faces extends beyond a second pair of opposite side faces. The loops are disposed along the operative top edges of the side faces at four corners of said open operative top of the enclosure. The tunnels are configured from the first pair of opposite side faces and receive tines of a fork of a fork lift truck, thereby facilitating suspending of the bag on the fork, such that walls of tunnels are extending above top edges of second pair of opposite side faces in the suspended configuration of the bag. At-least some of the faces and the tunnels have reinforced portions.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/03/2011

(21) Application No.615/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MODIFIED RELEASE PHARMACEUTICAL COMPOSITIONS OF MEMANTINE HCI

(51) International classification	:A61K 31/13; A61K9/16	(71) Name of Applicant : 1)UNICHEM LABORATORIES LIMITED Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI - 400 102, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. GEDA;LA VENKATA MURALI MOHAN BABU
(33) Name of priority country	:NA	2)DR. RAHUL PRADEEP DIXIT
(86) International Application No	:NA	3)DR. BHIMRAO KESHAVRAO JADHAV
Filing Date	:NA	4)DR. G.S.V. SUBRAMANYAM
(87) International Publication No	:N/A	5)MR. N. .S. K. SENTHIL 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 the field of pharmaceutical technology and describes methods of manufacturing of stable, modified release, solid oral pharmaceutical composition comprising memantine or its pharmaceutically acceptable salt, solvate, enantiomers or mixtures thereof. In particular the invention is directed to novel methods of manufacturing modified release memantine HO solid oral pharmaceutical composition. This composition shall be taken orally for Alzheimers disease and Parkinsons disease etc.

No. of Pages : 35 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PELLET INDURATION SYSTEM AND A PROCESS FOR IMPROVING THE INDURATION OF PELLETS INVOLVING THE SAME

(51) International classification	:C21B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JINDAL MANSION, 5-A, DR. G.
(33) Name of priority country	:NA	DESHMUKH MARG, MUMBAI - 400 026, STATE OF
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)TEKKALAKOTE, UMADEVI
(61) Patent of Addition to Application Number	:NA	2)DESAI, SANGAMESH
Filing Date	:NA	3)SRINIDHI, RAGHUNATH
(62) Divisional to Application Number	:NA	4)SAH, RAMESHWAR
Filing Date	:NA	5)MYSORE GOPAL, SAMPATH KUMAR

(57) Abstract :

A pellet induration system adapted to maintain desired draft, avoid chocking of grate openings, protect the grate bars from high gas temperature and a pellet induration process for improved pellet quality using said system is disclosed. More particularly, the present invention is directed to providing a pellet induration system and method wherein required size for hearth layer screen is selectively maintained by making necessary modification of hearth layer screen to improve the induration machine performance, pellet quality, and higher pellet plant production with desired size of pellets. Importantly, the pellet induration system involve a hearth layer station with separate bunker at the feeding point of the induration machine wherein hearth layer screen mat formation is adapted for segregating only -20 to +10 mm size pellets for the hearth layer there by avoiding any chocking of the induration machine grate aperture by the hearth layer pellets and favouring desired bed permeability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/03/2011

(21) Application No.621/MUM/2011 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED TRIP PLATE FOR USE IN CIRCUIT BREAKERS AND A CIRCUIT BREAKER COMPRISING THE SAME

(51) International classification	:H01H1/20; H01H71/52	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SINGH Chandan Kumar;
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 improved trip plate means for use in circuit breakers and a circuit breaker comprising the same. The circuit breaker comprises magnetic assembly (6), mechanism assembly (5) adapted to receive signal from the magnetic assembly (6), plunger means (12), tripper means (11), a trip plate means (9). The trip plate means (9) comprises a surface (14) which is being substantially elliptical in shape having its rotational axis running through any one of its foci. The surface (14) comprises a rib means (15), a leg means (17) protruding out of the surface to engage itself with a conventional mechanism assembly (5). The rib means (15) being operatively engaged with the tripper means (11) so as to avoiding rotation of said tripper means (11) and maintaining its proper orientation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS AND TEMPERATURE TRACKING BIAS CIRCUITS FOR REALIZATION OF PT-INVARIANT QUANTITIES IN ANALOG CIRCUITS.

(51) International classification	:G05F3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ANVESHA A
(61) Patent of Addition to Application Number	:NA	2)MARSHNIL DAVE
Filing Date	:NA	3)MARYAM SHOJAEI BAGHINI
(62) Divisional to Application Number	:NA	4)DINESH K SHARMA
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process and temperature tracking bias circuits for realization of PT-invariant quantities in analog circuits. A process and temperature tracking bias circuit is designed for making a constant resistance. On-chip resistances like RS- Nwell vary by a factor of $\pm 20\%$ at one particular temperature. The proposed bias technique which varies by $\pm 7.4\%$ with process, $\pm 1.5\%$ with temperature from 0°C to 100°C. resistance of a nmos transistor biased in linear region by a factor of $\pm 37\%$ with process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.82/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A PTO ADAPTER FOR A WORK-MACHINE.

(51) International classification	:B60D 1/00	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, U.S.A.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)OM KUMAR
(33) Name of priority country	:NA	2)VISHAL PANDEY
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A PTO adapter for a work-machine preferably an agricultural tractor is intended to achieve the output rpm's of both 540 and 1000 and also their reverse revolution, irrespective of input rpm being either 540 or 1000. The adapter comprises of a planetary gear sub-assembly, a bevel gear sub-assembly, a gear-shift mechanism, input and output shafts and a housing there of, wherein the bevel gear sub-assembly having a plurality of bevel gears, is connected to the planetary gear sub-assembly such that the bevel gear sub-assembly gets drive from the PTO of the work machine through the input shaft, and drives the planetary gear subassembly through a connecting ring gear provided in the planetary gear sub-assembly and that in-turn drives a work-unit attached to the work-machine, through the output shaft at a desired speed with the help of the gear-shift mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.28/MUM/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : Makemycharter

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)Penta Consulting Pvt Ltd. Address of Applicant :Penta Consulting Pvt Ltd. 1131 Shukrawar Peth Pune- 411002 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Mr. Subhash Bathe
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 :

Makemycharter - is a charter transport services platform which enables various components of the charter transport services business to interact with each other on the cloud and fulfill the requirements. The process is same for air charters marine charters road charters etc.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.610/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOLID ORAL PHARMACEUTICAL COMPOSITION COMPRISING OF POORLY WATER SOLUBLE DRUG

(51) International classification	:A61K 31/4375; A61K9/20	(71)Name of Applicant : 1)VAVIA PRADEEP RATILAL Address of Applicant :DEPARTMENT OF PHARMACEUTICAL SCIENCES AND TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARikh MARG, MATUNGA (EAST), MUMBAI 400 019, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)VAVIA PRADEEP RATILAL
(33) Name of priority country	:NA	2)PAWAR SMITA KISANSING
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(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 describes the oral solid pharmaceutical composition comprising poorly water soluble pharmaceutical active ingredient. The said solid oral pharmaceutical composition comprising a lipophilic phase, a co-surfactant, a surfactant and solid carrier. The said pharmaceutical composition which upon dilution with gastric fluid or aqueous system forms microemulsion having average particle size below 100 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.86/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : ONLINE COMMERCE SYSTEM WITH INTERACTIVE ONLINE ASSISTANCE.

(51) International classification	:G06Q 20/00	(71) Name of Applicant : 1)AGASHE MANDAR Address of Applicant :CHANDRASHEKHAR, 242, SHANIWAR PETH, PUNE-411030, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)AGASHE MANDAR
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for assisting website users have been disclosed. The system includes an interactive device storing the complete instruction set and processing logic necessary for implementing a website. The system includes extraction means adapted to extract at least configuration information and information corresponding to mouse click(s) performed by said user on the website implemented by the interactive device. The system also includes assistance means which is configured to remotely implement the website being implemented by the interactive device. The system further includes synchronizing means adapted to synchronize the standalone website implemented at the assistance means with said configuration information and information corresponding to the mouse click(s) and create a synchronized link between the website implemented by assisting means and website implemented by interactive device. The system includes transferring means configured to at least partially transfer control of the website executed on the interactive device to assistance means.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3125/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : FILTRATION IRRIGATION METHOD FILTRATION IRRIGATION DEVICE AND THE MANUFACTURING METHOD THEREOF•

(51) International classification	:A01G25/02, A01G25/06	(71) Name of Applicant : 1)ZHU JUN Address of Applicant :No.1302 1 Unit 18 Building Fourth Block Anzhenxili Chaoyang District Beijing 100029 China
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ZHU JUN
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2009/074304	
Filing Date	:29/09/2009	
(87) 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 filtration irrigation method filtration irrigation device and the manufacturing method thereof said filtration irrigation device comprises a water carrying chamber (1) in which one or more porous filter membranes (2) are arranged. One or more flow restrictors (3) corresponding to each membrane (2) are set on the wall of the water carrying chamber (1). The total permeation capacity of the flow restrictors is less than that of said filter membranes. The present invention can avoid the blockage of the device effectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENERGY MANAGEMENT•

(51) International classification	:G06Q10/00, G06Q50/00	(71) Name of Applicant : 1)LA TROBE UNIVERSITY Address of Applicant :Bundoora Victoria 3086 Australia.
(31) Priority Document No	:2009904370	(72) Name of Inventor :
(32) Priority Date	:09/09/2009	1)DESAI Aniruddha Anil
(33) Name of priority country	:Australia	2)SINGH Jugdutt
(86) International Application No	:PCT/AU2010/0011 0	
Filing Date	:09/09/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method (300) of managing energy consumption associated with premises includes firstly generating (302) and storing an initial energy profile (304) of the premises. The profile (304) includes information characterising the premises such as occupancy patterns function of the premises geographical location installed appliances (108) and so forth. An expected energy usage (308) associated with the premises is computed over a predetermined time period based upon the information in the initial energy profile (304). Actual energy usage (312) associated with the premises is then recorded over the predetermined time period and the energy profile (304) is adaptively updated based upon the recorded energy usage (312). The energy profile (304) and the actual energy usage (312) are used to manage energy consumption associated with the premises. An installable system (100) and apparatus (102) for implementing the method at premises are also provided.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3127/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MODULAR MOULD SYSTEM FOR MANUFACTURING A SHELL PART

(51) International classification	:B29C33/30, B29C70/54	(71) Name of Applicant : 1)LM GLASFIBER A/S Address of Applicant :Jupitervej 6™ DK-6000 Kolding Denmark.
(31) Priority Document No	:09174117.3	
(32) Priority Date	:27/10/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065613	1)CHRISTIANSEN Per Kj'r
Filing Date	:18/10/2010	2)JOHANSEN Finn
(87) 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 :

Modular mould system for manufacturing shell part of oblong composite structure comprising fibre reinforced matrix material and having longitudinal direction. The system includes number of mould sections assembled to assembled mould part. The number of mould sections comprises a first mould section comprising an end section for moulding first longitudinal part of shell part and having first moulding surface with a contour for defining surface of first longitudinal part of the shell part a second mould section for moulding second longitudinal part of the shell part and having second moulding surface with a contour for defining surface of second longitudinal part of the shell part the second mould section comprising an end section which abuts end section of first mould section when the system is assembled to assembled mould the first moulding surface comprises an end segment at the end section of the first mould section being partially flexible

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3128/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : USE OF INTERLEUKIN-1 BETA MUTEIN CONJUGATES IN THE TREATMENT OF DIABETES•

(51) International classification	:A61K47/48, A61K38/20
(31) Priority Document No	:09169989.2
(32) Priority Date	:10/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063237
Filing Date	:09/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CYTOS BIOTECHNOLOGY AG

Address of Applicant :Wagistrasse 25 CH-8952 Schlieren Switzerland.

(72)Name of Inventor :

1)BACHMANN Martin

2)SPOHN Gunther

3)MAURER Patrik

(57) Abstract :

The present invention provides compositions pharmaceutical compositions and vaccines for the treatment amelioration and / or prophylaxis of type II diabetes. The compositions pharmaceutical compositions and vaccines of the invention comprise a virus-like particle of an RNA bacteriophage and an antigen wherein said antigen comprises an interleukin-1 beta (IL-1) mutein. When administered to an animal preferably to a human said compositions pharmaceutical compositions and vaccines induce efficient immune responses in particular antibody responses wherein typically and preferably said antibody responses are directed against IL-1. Thus the invention provides methods of treating ameliorating or preventing type II diabetes by way of active immunization against IL-1.

No. of Pages : 47 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.121/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : Roti roller (maker) which prepares the rotis by spinning and rolling the dough on a disc

(51) International classification	:A21C, A23L	(71) Name of Applicant : 1)SYED RAFI AHMED Address of Applicant :H. No 45 2nd MAIN KAUSER NAGAR R.T NAGAR POST BANGALORE KARNATAKA INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SYED RAFI AHMED
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 :

Roti is the staple item in every Indian household. The rolling of the roti is a very skillful job which requires lots of patience and effort. Devices available in market use either manual or pneumatic power to press the dough in to the form of a roti. The manually operated devices cost less but need huge effort which makes it impossible to make roti on large scale. Whereas pneumatic and hydraulic operated devices cost more. The new roti roller (maker) is a portable device which sucks dough from a funnel and places it at the center of a rotating disc. This dough is then rolled into the form of a roti using a tapered roller. All the moving parts are driven by an electric motor. The patent is for the method and device which makes roti by using spinning and rolling actions in one go to form roti from dough.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3130/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INTERACTIVE SELECTION OF A REGION OF INTEREST IN AN IMAGE

(51) International classification	:G06T19/00	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09172203.3	
(32) Priority Date	:05/10/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/054363	
Filing Date	:28/09/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for selecting a region of interest in an image is provided. A user interface (1) is applied for receiving user input indicative of a region of interest (504) in an image (502). A slab selector (2) is provided for selecting a position and a thickness of a slab (503) of the image (502), based on a position and a size of the region of interest (504), the slab (503) comprising at least part of the region of interest (504). A visualization subsystem (3) is provided for visualizing the slab (503). The slab selector (2) is arranged for selecting the position and thickness of the slab (503) such that the slab (503) comprises the region of interest (504) and a thickness of the slab (503) corresponds to a size of the region of interest (504) in a thickness direction of the slab (503). The image comprises a dynamic image. The projection image (505) is obtained by processing voxel values of the dynamic image both along a ray and temporally.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3131/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD FOR OPERATING A RADIO STATION IN A CELLULAR COMMUNICATION NETWORK

(51) International classification	:H04B7/06, H04B7/04	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09172584.6	2)SHARP KABUSHIKI KAISHA
(32) Priority Date	:08/10/2009	(72)Name of Inventor : 1)MOULSLEY Timothy James
(33) Name of priority country	:EPO	2)CHIAU Choo Chiap
(86) International Application No	:PCT/IB2010/054445	3)DAVIES Robert James
Filing Date	:01/10/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of operating a plurality of primary stations each primary station comprising a transceiver for communicating with a secondary the transceiver including two antennas the method comprising one of the plurality of primary stations transmitting to the secondary station for a spatial channel a first set of reference symbols and the one of the plurality of primary stations or a second one of the plurality of primary stations transmitting to the secondary station for the spatial channel a second set of reference symbols the second set of reference symbols being orthogonal to the first set of reference symbols wherein the first and second primary stations receives from secondary station feedback information regarding a phase difference between the phase of the first set of reference symbols and the phase the second set of reference symbols received by said at least one secondary station.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3132/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND SYSTEM FOR FACILITATING DATA ENTRY FOR AN INFORMATION SYSTEM

(51) International classification	:G06F19/00, G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:200910204735.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:14/10/2009	Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/IB2010/054413	1)BHATTACHARYA Puranjoy
Filing Date	:30/09/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention presents a method and a system for facilitating data entry for an information system comprising a repository. According to the method, firstly, a first input of some first category parameters input by the user is received by means of a first user interface. Secondly, a first ranked list of a plurality of second category parameters is generated on the basis of the first input and the repository, and the first ranked list is displayed to the user by means of a second interface. Then a second input including some second category parameters selected by the user is received by means of the second user interface. Lastly, a second ranked list of a plurality of first category parameters is generated on the basis of the second input and the repository, and the second ranked list is displayed to the user by means of the first interface. In this way, the user can correctly determine the input data for the information system so as to get a more accurate output. And the user can get more information of various aspect observations () at any given penultimate stage as well as the final stage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3134/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PATIENT INTERFACE DEVICE WITH ADJUSTABLE CHEEK SUPPORT

(51) International classification	:A61M16/06	(71) Name of Applicant :
(31) Priority Document No	:61/254269	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/10/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/054361	(72) Name of Inventor :
Filing Date	:28/09/2010	1)SMITH David W.
(87) International Publication No	: NA	2)JABLONSKI Gregory John
(61) Patent of Addition to Application Number	:NA	3)ANDREWS Derrick Blake
Filing Date	:NA	4)LOCKHART Harold Allen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A patient interface device includes a main frame having a central support portion and first and second arms extending from the central support portion. A cushion component is coupled to the central support portion. A first cheek support element is coupled to the first arm. The first cheek support element includes a first cheek support portion that engages the face and is selectively moveable relative to the first arm to adjust the linear distance between the first cheek support portion and the cushion component. A second cheek support element is coupled to the second arm. The second cheek support element includes a second cheek support portion structured to engage the patient™s face and is selectively moveable relative to the second arm to adjust the linear distance between the second cheek support portion and the cushion component.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3135/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRON COLLECTING ELEMENT WITH INCREASED THERMAL LOADABILITY&NBSP; X-RAY GENERATING DEVICE AND X-RAY SYSTEM

(51) International classification	:H01J35/10, H01J35/12
(31) Priority Document No	:09174185.0
(32) Priority Date	:27/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054710
Filing Date	:18/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)PIETIG Rainer

(57) Abstract :

The present invention relates to X-ray generating technology in general. Providing an electron collecting element of an X-ray generating device statically may allow for the manufacture of X-ray systems with reduced moving parts and actuating parts possibly reducing manufacturing costs and sources for failure. Consequently an electron collecting element with increased thermal loadability is presented. According to the present invention an electron collecting element (28) is provided comprising a surface element (22) and a heat conducting element (26). The heat conducting element (26) comprises a first thermal conductivity in a first direction and at least a second thermal conductivity in at least a second direction. The first thermal conductivity is greater than the second thermal conductivity. The first direction is substantially perpendicular to the surface element (22).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3137/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NETWORK SYSTEM EQUIPMENT AND VERIFICATION METHOD FOR VERIFYING NETWORK SERVICE

(51) International classification	:H04L12/24
(31) Priority Document No	:200910172963.9
(32) Priority Date	:11/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073809
Filing Date	:11/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China

(72)Name of Inventor :

1)Bin ZHANG

(57) Abstract :

A network system device and verification method for verifying the service are disclosed. The network system includes a network management system and a network device and the automatic verification is performed based on the service especially the verification is performed when the service currently in operation is configured. When the device receives the service configuration command of the network management system it automatically judges whether the service is in operation or not. If the service is currently in operation and the received configuration information does not match with the current service the network device actively reports the related information to the network management system. The system further performs the correlation verification between the sent service and the related configuration.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/04/2012

(21) Application No.3138/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR PREPARING ALKANEDIOL AND DIALKYL CARBONATE

(51) International classification	:C07C68/06, C07C69/96	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL-2596 HR The Hague (NL) Netherlands
(31) Priority Document No	:09171674.6	(72) Name of Inventor :
(32) Priority Date	:29/09/2009	1)NISBET Timothy Michael
(33) Name of priority country	:EPO	2)VROUWENVELDER Cornelis Leonardus Maria
(86) International Application No	:PCT/EP2010/064153	
Filing Date	:24/09/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for the preparation of an alkanediol and a dialkyl carbonate from an alkylene carbonate and an alkanol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3139/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : ENHANCED BLOCK-REQUEST STREAMING USING COOPERATIVE PARALLEL HTTP AND FORWARD ERROR CORRECTION

(51) International classification	:H04L29/06, H04N7/24
(31) Priority Document No	:61/244,767
(32) Priority Date	:22/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049874
Filing Date	:22/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA :NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)LUBY Michael G.

2)WATSON Mark

3)VICISANO Lorenzo

4)PAKZAD Payam

5)WANG Bin

(57) Abstract :

A block request streaming system provides for improvements in the user experience and bandwidth efficiency of such systems typically using an ingestion system that generates data in a form to be served by a conventional file server (HTTP, FTP or the like) wherein the ingestion system intakes content and prepares it as files or data elements to be served by the file server which might or might not include a cache. A client device can be adapted to take advantage of the ingestion process as well as including improvements that make for a better presentation independent of the ingestion process. In the block request streaming system the an ingestion system generates data according to erasure codes and the client device through various selection and timing of requests for media data and redundant data can efficiently decode media to provide for presentations.

No. of Pages : 155 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3123/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : USE OF TOLL-LIKE RECEPTORS AND AGONIST FOR TREATING CANCER

(51) International classification	:C12N15/63	(71) Name of Applicant :
(31) Priority Document No	:61/249,253	1)Panacea Labs Inc.
(32) Priority Date	:06/10/2009	Address of Applicant :73 High St. Buffalo New York-14203 U.S.A.
(33) Name of priority country	:U.S.A.	2)Roswell Park Cancer Institute
(86) International Application No	:PCT/US2010/051646	(72) Name of Inventor :
Filing Date	:06/10/2010	1)GUDKOV Andrei
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to methods and agents used for treating cancer or infectious diseases by providing toll-like receptors such as toll-like receptor 5 (TLR-5) in combination with providing a toll-like receptor agonists such as flagellin resulting in a cis and intrins effect that recruits cells involved in both the innate (cis effect) and adaptive (trans effect) immune response to specifically kill cancer cells and cells infected with a pathogen via the NF-KB apoptosis pathway

No. of Pages : 49 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3124/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PLASMA CUTTING A WORKPIECE BY MEANS OF A PLASMA-CUTTING SYSTEM AND PULSATING CURRENT•

(51) International classification	:B23K10/00	(71)Name of Applicant :
(31) Priority Document No	:102009043713.4	1)KJELLBERG FINSTERWALDE PLASMA UND MASCHINEN GmbH
(32) Priority Date	:01/10/2009	Address of Applicant :Leipziger Strae 82 03238 Finsterwalde Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/DE2010/001119	1)FRIEDEL Jens
Filing Date	:21/09/2010	2)IRRGANG Gerhard
(87) International Publication No	: NA	3)KRINK Volker
(61) Patent of Addition to Application Number	:NA	4)OLLMANN, JENS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for plasma-cutting a workpiece by means of a plasma-cutting system, which comprises a plasma current source and a plasma torch, which has an electrode and a nozzle, which has a small distance from the electrode at a lower end of the plasma torch in order to form a plasma chamber therebetween, characterized in that a current I produced by the plasma current source and flowing through the plasma torch is brought to pulsation in a targeted or controlled manner at an arbitrary frequency f in the range of 30 Hz to 500 Hz, preferably 35 Hz to 500 Hz, especially preferably 55 Hz to 400 Hz, at least during a partial time period of the plasma-cutting process, or a current I produced by the plasma current source and flowing through the plasma torch is brought to pulsation in a targeted or controlled manner at an arbitrary frequency f in the range of 0.1 Hz to 30 Hz, preferably 0.1 Hz to 29 Hz, especially preferably 0.1 Hz to 20 Hz, at least during a partial time period of the plasma-cutting process.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3356/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BARE SINGLE LAYER GRAPHENE MEMBRANE HAVING A NONOPORE ENABLING HIGH SENSITIVITY MOLECULAR DETECTION AND ANALYSIS

(51) International classification	:C12Q1/68, G01N33/487	(71) Name of Applicant : 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant :17 QUINCY STREET, CAMBRIDGE MASSACHUSETTS 02138 U.S.A.
(31) Priority Document No	:61/243,607	
(32) Priority Date	:18/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/049238	(72) Name of Inventor :
Filing Date	:17/09/2010	1)SLAVEN, GARAJ
(87) International Publication No	:WO 2011/046706 A1	2)BRANTON, DANIEL
(61) Patent of Addition to Application Number	:NA	3)GOLOVCHENKO, JENE A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a substantially bare, single-layer graphene membrane including a nanopore extending through a thickness of the graphene membrane from a first to a second membrane surface opposite the first graphene membrane surface. A connection from the first graphene membrane surface to a first reservoir provides, at the first graphene membrane surface, a species in an ionic solution to the nanopore, and a connection from the second graphene membrane surface to a second reservoir is provided to collect the species and ionic solution after translocation of the species and ionic solution through the nanopore from the first graphene membrane surface to the second graphene membrane surface. An electrical circuit is connected on opposite sides of the nanopore to measure flow of ionic current through the nanopore in the graphene membrane.

No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3358/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : RAPIDLY SOLUBLE SOLID PHARMACEUTICAL PREPARATIONS CONTAINING AMPHIPHILIC COPOLYMERS BASED ON POLYETHERS IN COMBINATION WITH HYDROPHILIC POLYMERS

(51) International classification	:A61K9/14, A61K31/00, A61K47/10	(71) Name of Applicant : 1)BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany
(31) Priority Document No	:09170702.6	(72) Name of Inventor :
(32) Priority Date	:18/09/2009	1)KOLTER, KARL
(33) Name of priority country	:EPO	2)DJURIC, DEJAN
(86) International Application No Filing Date	:PCT/EP2010/063735 :17/09/2010	3)FISCHER, STEFAN
(87) International Publication No	:WO 2011/033085 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Dosage forms comprising formulations of sparingly water-soluble active ingredients in a polymer matrix composed of amphiphilic polyether copolymers and of at least one hydrophilic polymer, in which the sparingly water-soluble active ingredient is present in amorphous form in the polymer matrix.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3359/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : BLOCK COPOLYMERS AS THERMOPLASTIC ELASTOMERS MADE OF POLYISOBUTENE BLOCKS AND OLIGO AMIDE BLOCKS

(51) International classification	:C08G81/02, C08J5/04, C08J5/18
(31) Priority Document No	:09173245.3
(32) Priority Date	:16/10/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/065267 :12/10/2010
(87) International Publication No	:WO 2011/045309 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)**BASF SE**

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)**KONIG, HANNAH MARIA**
2)**LANGE, ARNO**
3)**FRAUENRATH, HOLGER**
4)**GEBERS, JAN**
5)**CHROISIER, EMMANUEL**
6)**SU, LIANG**
7)**FEHER, KATALIN**
8)**MARTY, ROMAN**

(57) Abstract :

The invention relates to block copolymers having the properties of thermoplastic elastomers made of blocks on the basis of isobutene monomer units as the soft segment and blocks on the basis of oligoamides composed of at least two base units, each of which comprises an amino or a carbonyl group in the a, (3, y or 8 position to each other or directly bound to each other, as the hard segment. Such block copolymers are suited for producing fibers, microfibers, and films.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3129/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHOTOACOUSTIC CONTRAST AGENT BASED ACTIVE ULTRASOUND IMAGING

(51) International classification	:A61B5/00, A61B8/00	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:61/252214	
(32) Priority Date	:16/10/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/054595	1)WANG Yao
Filing Date	:11/10/2010	2)SHI William Tao
(87) 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 :

Electromagnetic energy is applied to thereby oscillate a bubble that is then insonified to produce an echo (260) for reception and analysis to afford imaging of the region of the bubble. To create the bubble, the energy may be applied to a particle (232) of a contrast agent whose consequent internal nano- or micro-bubbles offer, with novel pulsing techniques, greater sensitivity, and which can permeate outside vasculature (216) prior to being energized thereby affording quantification of vascular permeability and delivery of targeting molecules. The particle can include an absorbing and an evaporating parts, the irradiation (204), as by near-infrared laser, causing the phase change that gives rise to the bubble. The echo may occur in response to ultrasound interrogation (220) of the activated contrast agent, which could entail pulse inversion, power modulation or contrast pulse sequence imaging, with persistence processing. The contrast agent might be mixed with microbubble based ultrasound contrast agent to facilitate the timing of bubble activation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3360/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOLID PHARMACEUTICAL PREPARATIONS COMPRISING AMPHIPHILIC COPOLYMERS ON THE BASIS OF POLYETHERS IN COMBINATION WITH SURFACTANTS

(51) International classification	:A61K9/14, A61K31/00, A61K47/10	(71) Name of Applicant : 1) BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany
(31) Priority Document No	:09170706.7	(72) Name of Inventor :
(32) Priority Date	:18/09/2009	1) KOLTER, KARL
(33) Name of priority country	:EPO	2) DJURIC, DEJAN
(86) International Application No Filing Date	:PCT/EP2010/063369 :13/09/2010	3) FISCHER, STEFAN
(87) International Publication No	:WO 2011/032907	
	A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Dosage forms comprising formulations of sparingly water-soluble active ingredients in a polymer matrix composed of polyether copolymers, said polyether copolymers being obtained by free-radically initiated polymerization of a mixture of 30 to 80% by weight of N-vinyl lactam, 10 to 50% by weight of vinyl acetate and 10 to 50% by weight of a polyether, and of at least one surfactant, in which the sparingly water-soluble active ingredient is present in amorphous form in the polymer matrix.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3361/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NON-CROSS-REACTIVE ANTI-IGG ANTIBODIES

(51) International classification	:G01N33/68, C07K16/42	(71) Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL Switzerland
(31) Priority Document No	:09013144.2	(72) Name of Inventor :
(32) Priority Date	:19/10/2009	1)ESSIG, ULRICH
(33) Name of priority country	:EPO	2)KLOSTERMANN, STEFAN
(86) International Application No	:PCT/EP2010/065617	3)KOWALEWSKY, FRANK
Filing Date	:18/10/2010	4)STUBENRAUCH, KAY-GUNNAR
(87) International Publication No	:WO 2011/048043	5)VOGEL, RUDOLF
	A1	6)WESSELS, UWE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Herein are reported the cell lines DSM ACC3006, DSM ACC3007, and DSM ACC3008, as well as the antibodies obtained from the cell lines and the use of an antibody obtained from the cell lines in an immunoassay. Also are reported antibodies binding to human or chimpanzee IgG and not binding to canine and marmoset IgG and antibodies specifically binding to an IgGl that comprises a kappa light chain constant domain.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3362/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CYCLIC POLYPHENYLENE ETHER ETHER KETONE COMPOSITION AND METHOD FOR PRODUCING THE SAME

(51) International classification	:C07D321/00, C07D323/00, C08G65/40	(71) Name of Applicant : 1)TORAY INDUSTRIES, INC. Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU, TOKYO 103-8666 Japan
(31) Priority Document No	:2009-297278	(72) Name of Inventor :
(32) Priority Date	:28/12/2009	1)YAMASHITA, KOHEI
(33) Name of priority country	:Japan	2)HORIUCHI, SHUNSUKE
(86) International Application No	:PCT/JP2010/073268	3)YAMAUCHI, KOJI
Filing Date	:24/12/2010	
(87) International Publication No	:WO 2011/081080 A1	
(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 cyclic poly (phenylene ether ether ketone) composition comprising not less than 60% by weight of a cyclic poly (phenylene ether ether ketone) represented by the following Formula (I), which is characterized in that the cyclic poly (phenylene ether ether ketone) is a mixture of cyclic poly (phenylene ether ether ketone)s having different repeating numbers (m) and the composition has a melting point of not higher than 270°C; and a method of producing a poly (phenylene ether ether ketone) characterized by heat-polymerizing the cyclic poly (phenylene ether ether ketone) composition: (wherein, m represents an integer of 2 to 40).

No. of Pages : 101 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3363/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CARTRIDGE HOLDER ASSEMBLY FOR A DRUG DELIVERY DEVICE

(51) International classification	:A61M5/32	(71) Name of Applicant :
(31) Priority Document No	:09173305.5	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:16/10/2009	Address of Applicant :BRUNINGSTRASSE 50, D-65929 FRANKFURT AM MAIN Germany
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065444	1)JUGL, MICHAEL
Filing Date	:14/10/2010	2)SENDATZKI, GUNTHER
(87) International Publication No	:WO 2011/054648	3)TEUCHER, AXEL
A3		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a cartridge holder assembly for a drug delivery device as well as to such drug delivery device and to a corresponding method of assembly, wherein the cartridge holder assembly comprises: a cartridge holder (14; 40) adapted to receive a cartridge (12) to be filled with a medicinal product to be dispensed by the drug delivery device, wherein the cartridge holder (14; 40) comprises at least one through opening at a distal end section to receive a piercing element (20) being adapted to penetrate a sealing septum (22) of the cartridge (12), - a constriction member (26; 42) being adapted to axially abut against the septum (22) and comprising a through opening (34; 52) to receive the piercing element (20), wherein said through opening (34; 52) is adjustable in diameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3140/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : WLAN PEER-TO-PEER GROUP OWNER NEGOTIATION

(51) International classification	:H04W84/20
(31) Priority Document No	:61/248,317
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051206
Filing Date	:01/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)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)WENTINK Maarten Menzo

2)JONES IV Vincent Knowles

(57) Abstract :

A method of operating a first wireless device includes sending a first message including a first intent to be a group owner and a value to a second wireless device. In addition the method includes receiving a second message including a second intent to be the group owner from the second wireless device. Furthermore the method includes determining which of the first wireless device or the second wireless device should be the group owner based on the first intent the second intent and the value.

No. of Pages : 30 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3141/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : RESOURCE MANAGEMENT AND ADMISSION CONTROL FOR NON-MEMBERS OF A CLOSED SUBSCRIBER GROUP IN HOME RADIO ACCESS NETWORKS

(51) International classification	:H04W72/00	(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.
(31) Priority Document No	:61/256,118	
(32) Priority Date	:29/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/054555	
Filing Date	:28/10/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitate resource management and admission control with respect to non-members of a closed subscriber group associated with femto access points. A set of parameters can be provisions to a femto access point wherein the set of parameters specify an access mode a maximum number of concurrent non-members and/or a maximum amount of resources assignable to non-members. The femto access point can implement resource scheduling decisions and/or access control decisions in accordance with the set of parameters.

No. of Pages : 68 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3142/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR FACILITATING HANDOVER CONTROL USING RESOURCE RESERVATION WITH FREQUENCY REUSE

(51) International classification	:H04W16/12	(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.
(31) Priority Document No	:12/603,400	
(32) Priority Date	:21/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/068846	
Filing Date	:18/12/2009	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems methods and apparatus for facilitating handover control using resource reservation with frequency reuse are provided. In one embodiment the method can include: transmitting scheduling information for the transmission of information on frequencies corresponding to an unreserved portion of a frequency band. The method can also include transmitting scheduling information for the transmission of information on frequencies corresponding to a reserved portion of the frequency band. A frequency reuse scheme can be employed over the frequencies corresponding to the reserved portion of the frequency band and the information transmitted on the frequencies corresponding to the reserved portion of the frequency band can be handover signalling information.

No. of Pages : 100 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : TIME AND FREQUENCY ACQUISITION AND TRACKING FOR OFDMA WIRELESS SYSTEMS

(51) International classification	:H04B1/707, H04J11/00	(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.
(31) Priority Document No	:61/253,790	
(32) Priority Date	:21/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/053583	(72) Name of Inventor :
Filing Date	:21/10/2010	1)YOO Taesang
(87) International Publication No	: NA	2)LUO Tao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Obtaining a timing reference in wireless communication is facilitated when desiring to communicate with a weak serving base station (such as an evolved NodeB) in the presence of a stronger interfering base station. The user equipment (UE) may track a stronger interfering base stations timing or the UE may track a timing that is derived by a composite power delay profile (PDP) from multiple base stations. The composite PDP may be constructed by adjusting individual base station PDPs according to a weighting scheme. The timing obtained in such a manner may be used for estimation of the channel of the interfering base station and cancelling interfering signals from the base station. It may also be used to estimate the channel of the serving base station after adding a backoff. The UE may track a stronger interfering base stations frequency or the UE may track a composite frequency.

No. of Pages : 52 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DESIGNING A MULTI-HOP WIRELESS SENSOR NETWORK•

		<p>(71)Name of Applicant : 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant :Department of Electrical Communication Engineering Bangalore 560012 Tamil Nadu India</p> <p>2)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING</p> <p>(72)Name of Inventor :</p> <p>1)Anurag Kumar 2)Sreeramagiri Venkata Rama Anand 3)Arun Augustine 4)Abhijit Bhattacharya 5)Rohan Krishnakumar 6)Sanjay Motilal Ladwa 7)Aniruddha Mallya 8)Shivanna Manjula 9)Akhila Suresh Rao 10)Deksha Guruprasad Rao Sahib 11)Mohan Shyam 12)Rachit Srivastava 13)Senju Thomas Panicker 14)Lijo Thomas 15)Jerry Daniel John</p>
(51) International classification	:H04W	
(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	

(57) Abstract :

The embodiments herein relate to a system and method for designing a multi-hop wireless network for interconnecting sensor nodes at given locations to a base-station at a given location. The system comprises relay placement module measurement and evaluation module and an augmentation module. The relay placement module proposes locations for placing relay nodes. The network is deployed in a deployment area by placing the relay nodes in the proposed locations. The deployed network is evaluated for predefined requirements of quality of service and connectivity. If the evaluated network™s quality of service meets predefined requirements of quality of service and connectivity then the network is operated. If the evaluated network™s quality of service does not meet the predefined requirements of quality of service and connectivity then more relay nodes are augmented until the requirements are met.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3206/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINATED AND/OR FLUORINATED PROPENES AND HIGHER ALKENES

(51) International classification	:C07C17/269, C07C17/20	(71)Name of Applicant : 1)Dow Global Technologies LLC Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
(31) Priority Document No	:61/250,024	(72)Name of Inventor :
(32) Priority Date	:09/10/2009	1)TIRTOWIDJOJO Max Markus
(33) Name of priority country	:U.S.A.	2)AU-YEUNG Patrick Ho-Sing
(86) International Application No	:PCT/US2010/052107	3)CHAKRABORTY Debasish
Filing Date	:08/10/2010	4)EIFFLER Juergen
(87) International Publication No	: NA	5)GROENEWALD Heinz
(61) Patent of Addition to Application Number	:NA	6)HIRSEKORN Kurt Frederick
Filing Date	:NA	7)KOKOTT Manfred
(62) Divisional to Application Number	:NA	8)KRUPER William J.
Filing Date	:NA	9)LUEBBE Thomas Ulrich
		10)MEEMAN Holger
		11)SEXTON Shirley Shaw
		12)WENZEL Peter
		13)WOBSER Marcus

(57) Abstract :

The present invention provides continuous gas phase free radical processes for the production of chlorinated and/or fluorinated propenes or higher alkenes from the reaction of chlorinated and/or fluorinated alkanes and chlorinated and/or fluorinated alkenes wherein wherein at least a portion of any intermediate boiler by-products generated by the process are removed from the process

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3207/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : WIND TURBINE

(51) International classification	:F03D9/00, F03D11/00	(71) Name of Applicant : 1)Blaaster Wind Technologies AS Address of Applicant :Einmoen 2 N-7054 Ranheim Norway
(31) Priority Document No	:20092984	
(32) Priority Date	:11/09/2009	
(33) Name of priority country	:Norway	(72) Name of Inventor :
(86) International Application No	:PCT/NO2010/000334	1)PETTERSEN Ove J,raas
Filing Date	:10/09/2010	2)PETTERSEN Torolf
(87) 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 wind turbine comprising an integrated and segmented permanent magnet generator without the traditional end covers with bearings and shaft making it possible to manufacture and transport generator segments consisting of both generator stator and rotor segments as ready to assemble and already positioned to each other as easy transportable elements to an assembly place where they are integrated with bearing system of the wind turbine to form a complete wind turbine driveline with blades bearing unit and an integrated permanent magnet generator with concentric air gap between generator stator and rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3208/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONVERSION OF LIQUEFIED NATURAL GAS

(51) International classification	:F17C9/02	(71) Name of Applicant :
(31) Priority Document No	:09352005.4	1)Cryostar SAS Address of Applicant :BP 48 Zone Industrielle F-68220 Hesingue France
(32) Priority Date	:09/10/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065079	1)POZIVIL Josef 2)DENARDIS David
Filing Date	:08/10/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Liquefied Natural Gas (LNG) is converted to a superheated fluid at a temperature greater than 5°C by being passed under pressure through a train of first second and third main heat exchange stages 10 12 and 14 in series in which the natural gas is heated by a circulating heat exchange fluid flowing in heat exchange circuits 16 18 and 20 respectively. The heat exchange fluid condenses in the heat exchange stages 10 and 12 and is partially vaporised in subsidiary heat exchangers 28 30 and 58 which are all typically heated by sea water flowing in open cycle. The heat exchange fluid in the circuits 16 and 18 may be propane. The heat exchange circuit 20 may also employ propane or alternatively a liquid such as water or a water-glycol mixture which does not change phase in the heat exchange stage 14.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.86/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL ENZYME

(51) International classification	:C12P	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF ANIMAL NUTRITION AND PHYSIOLOGY (ICAR) Address of Applicant :ADUGODI, BANGALORE - 560 030 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)APPOOTHY, THULASI 2)MATAM, CHANDRASEKHARAIAH 3)MADAIAJAGAN, BAGATH 4)DUVVURI, PRASANNA KUMAR 5)SANTOSH, SUNIL SINGH 6)CHENNIAPPAN, PALANIVEL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

In the present disclosure the gene encoding feailoyl esterase enzyme (FAE) amplified from metagenomic DNA of Coptotermes formosanus gut was cloned in expression vector. ft3-7 gene has 84% sequence identity with Clostridium saccharolyticum, which on translation shows amino acid sequence identity with predicted xylanase/chitin deacetylase and endo-1,4-beta-xylanase. The sequence analysis reveals that ft3-7 could be a new gene and its molecular mass was 18.5 kDa. The activity of recombinant enzyme (Ft3-7) produced in Escherichia coli (E.coli) was 21.4 U/min when ethyl ferulate used as substrate and its specific activity was 24.6 U/mg protein. Increased gas production and the digestibility of Finger Millet Straw (FMS) with increasing levels of enzyme supplementation indicated the potential of purified enzyme isolated from termites in improving the digestibility of crop residues. These purified superior fibrolytic enzyme have potential commercial enzyme production by industry for different purposes such as in as increase the yield of hexose and pentose sugar in the bioconversion as feedstock for yeast fermentation to biofuel or other value-added chemicals, food industries, agro waste treatment industries, chemical, animal feed. The enzyme also aids in solubilizing lignin-polysaccharide complexes in paper pulp processing. It helps in the fibre digestion and is much helpful in textile and laundry industries. The enzyme, together with a number of glycanases and oxidases, has been implicated in the improvement of bread-making quality and related cereal processing. The importance of FAE also relates to the enzyme product ferulic acid and feruloylated oligosaccharides, which have potential applications for food and medicine uses. Ferulic acid and its derivatives are strong antioxidants and have gel-forming properties.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.3364/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING PREPARATIONS OF SUBSTANCES WITH LOW SOLUBILITY IN WATER

(51) International classification	:A61J3/00, A61K9/14, B29C45/00	(71) Name of Applicant : 1) BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany
(31) Priority Document No	:09170695.2	(72) Name of Inventor :
(32) Priority Date	:18/09/2009	1) KOLTER, KARL
(33) Name of priority country	:EPO	2) DJURIC, DEJAN
(86) International Application No Filing Date	:PCT/EP2010/063090 :07/09/2010	3) FISCHER, STEFAN
(87) International Publication No	:WO 2011/032860 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 producing moldings from formulations of sparingly water-soluble active ingredients, the active ingredients having been embedded in amphiphilic copolymers, which comprises shaping the formulations by injection-molding a melt of the formulations, the mold temperature of the melt being 40 to 180°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.48/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MULTI-TEMPERATURE GRINDER

(51) International classification	:B24B	(71) Name of Applicant : 1)ANN ABRAHAM Address of Applicant :1240, 13TH MAIN ROAD, ANNANAGAR WEST, CHENNAI-600040 Tamil Nadu India
(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	

(57) Abstract :

The present invention relates to a grinding appliance and specifically relates to multi-temperature grinding appliances, which can stone-grind or steel-whisk mixtures at a set temperature. The temperature regulated grinding appliance of the present invention is meant to mix and grind a mixture, dry or wet at either a hot temperature, or a cold temperature, or at room temperature. Further, the present invention relates to an appliance with double boiler concept for slow and even heating.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTELY MANAGING A COVERAGE AREA OF A CELLULAR COMMUNICATION NETWORK

(51) International classification	:H01Q	(71) Name of Applicant : 1)Sugar Automatics Private Limited Address of Applicant :Plot No.27 Rao & Raju Colony No.8-2-120/86/9/A27 Road No.2 Banjara Hills Hyderabad Andhra Pradesh India
(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	

(57) Abstract :

A system and a method for remotely managing a coverage area of a cellular communication network are disclosed. The system includes at least one antenna control system configured to identify a current status of at least one antenna and to control a position of the at least one antenna at a predefined position at least one centralized server configured to communicate with the at least one antenna control system and at least one data communication gateway configured to serve as an interface between the at least one antenna control system and the at least one centralized server. The system further includes at least one authenticated hand held controller configured to collect the current status of the at least one antenna to determine the position of the at least one antenna and to adjust the position of the at least one antenna at the predefined position.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.44/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FUEL TANK FOR A TWO WHEELED VEHICLE

(51) International classification	:B62J	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED A dress of Applicant :JAYALAKSHMI ESTATES• NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil Nadu India
(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	

(57) Abstract :

Present invention provides a fuel tank for a two wheeled vehicle in which a reinforcement plate is fixed inside the fuel tank, preferably on the right side. This arrangement ensures that dead fuel or unusable fuel collected in the right side of the fuel tank remains at this place and does not reaches to the fuel outlet on road jerks or inclination of vehicle. With described and claimed arrangement in the fuel tank constant fuel efficiency of the vehicle can be achieved and hence misconception of more or less or variable efficiency of the vehicle can be removed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.110/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PLUG AND PLAY DEVICE FOR PERFORMING AUTOMATED ONLINE TRADING

(51) International classification	:G06F	(71) Name of Applicant : 1)KUNAL NANDWANI Address of Applicant :3/10, 1ST STREET, NORTH BOUG ROAD, OFF GN CHETTY STREET, T. NAGAR, CHENNAI- 600017, Tamil Nadu India
(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	

(57) Abstract :

A plug and play device for performing online transaction has been described. The device consist of an authentication module to receive access parameters from a user of the device, a biometric module to receive biometric information from the authenticated user of the device as determined by the authentication module, a non erasable memory to store computer readable online trading instructions, a processor module configured to execute the online trading instructions, a graphical display module to display a graphical user interface, an erasable memory to store instructions inputted by the user, a database module to store information, a fragmentation module to fragment the stored instructions and the stored information, an assembly module to assemble various fragments of information and a security module to deactivate the authentication module, biometric module and the processor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.70/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF PEMETREXED DISODIUM HEMIPENTAHYDRATE (2,5HYDRATE) AND CRYSTALLI

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GLAND PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :6-3-865/1/2-FLAT NO.201,
(33) Name of priority country	:NA	GREENLAND APARTMENTS, AMEERPET, HYDERABAD,
(86) International Application No	:NA	ANDHRA PRADESH - 500 016. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR GOLLAGUNTA NADAMUNI
(61) Patent of Addition to Application Number	:NA	2)DR. CHIDAMBARAM SUBRAMANIAN
Filing Date	:NA	VENKATESAN
(62) Divisional to Application Number	:NA	3)SINGARAM SATHIYANARAYANAN
Filing Date	:NA	4)KONDA PHANI KUMAR

(57) Abstract :

The present invention is related to a novel process for the preparation of Pemetrexed disodium hemipentahydrate, which acts as a chemotherapy drug for the treatment of pleural mesothelioma as well as non-small cell lung cancer.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.83/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL PROCESS OF PREPARING NANO METAL, NANO ALLOY, NANO METAL OXIDE, NANO METAL CARBIDE, NANO FLUIDS, NANO COMPOUND AND NANO COMPOSITE AND THE PRODUCTS THEREOF

(51) International classification	:B82Y,C22C	(71) Name of Applicant : 1)DR. A.B. SUDHAKARA SASTRY Address of Applicant :B2, #170, SVVVS COLLEGE CAMPUS, TTD, OLD AIRPORT ROAD, NEW BOWENAPALLY, SECUNDERABAD - 11 Andhra Pradesh India
(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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. A.B. SUDHAKARA SASTRY
Filing Date	:NA	2)R. B. KARTHIK AAMANCHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates a process of preparing a nanopowder by using a natural source starting material wherein the nano powder is a nano metal or nano alloy or nano metal oxide or nano metal carbide or nano compound or nano composite or nanofluid. The nano product produced by the process has novel properties such as enhanced hardness, antibacterial properties, thermal properties, electrical properties, abrasive resistant, wear resistant, superior frictional properties, sliding wear resistance, enhanced tensile strength, compression strengths, enhanced load bearing capacity and corrosion properties. By virtue of this process the products produced are usable in preparation of thermal fluids, anti-fungal/bacterial/fouling coatings, paints, high strength electrical conductors, high corrosion resistant coatings and alloys, inkjet inks, neutralizing gram positive bacteria, neutralizing gram negative bacteria, motor cycle clutch, rocker arm, solder materials, bearing applications, spring materials, automobile parts, steering wheel joints and coatings, connecting rod, memory enhancing devices,, hard disks, pen drives,, electronic chips, smart materials, shape memory alloys, add-on materials for composite lamina or laminates of any number.

No. of Pages : 69 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.104/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INTELLIGENT CALL HANDLING

(51) International classification	:H04L	(71) Name of Applicant : 1)CHIDANANDA RUDRAIAH Address of Applicant :D 1003, MANTRI FLORA, IBBLUR JUNCTION, OFF SARJAPUR ROAD, BANGALORE - 560 102 Karnataka India
(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	

(57) Abstract :

A system performs call processing by considering additional parameters other than the signals exchanged according to a communication protocol. In one embodiment, the additional parameter considered is user input received while the call processing is underway. As a result, a user is given an opportunity to reconsider his decision if user is unaware of status of the call at that moment in time. Thus, a user decision made without knowledge of the status of the call may be reverted. In one embodiment, user decision to disconnect a call when user is not aware that the call has already been established is not executed without further confirming with the user. According to another aspect an application monitors both user inputs and the protocol signals to manage the call handling.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.97/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF 3-ARYL-2-METHYL-PROPANAMINE DERIVATIVES

(51) International classification	:C09B	(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)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)GOGULAPATI VENKATA PANAKALA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel process for the preparation of 3-[(1*i*,2*i*)-3-(dimethylamino)-1-ethyl-2-methylpropyl]phenol represented by structural formula-1 and its hydrochloride salt. The present invention also provides novel intermediates which are useful in the preparation of 3-[(1*R*,2*R*)-3-(dimethylamino)-1-ethyl-2-methylpropyl] phenol compound of formula-1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.73/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPLIANT HUB ASSEMBLY

(51) International classification	:F16D	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :Jayalakshmi Estate 24 (Old No. 8) Haddows Road Chennai Tamil Nadu India
(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	

(57) Abstract :

The present subject matter discloses a compliant hub assembly (124) for a power plant (100) having at least two power shafts (108 110) coupled with each other to supply power through one of the at least two power shaft (108 110). The compliant hub assembly includes a first coupling member (304) for coupling with one end of the secondary power shaft (110). An outer spacer (312) and an inner spacer (310) mounted contiguous to each other are attached to the first coupling member (304) and a second coupling member (302) respectively. A plurality of coil springs (306) are disposed in a plurality of slots (318 320) which are located circumferentially at a pre-determined radial distance from a center of the outer spacer (312) and the inner spacer (310) respectively for substantially absorbing instantaneous torque produced due to torque fluctuations between the primary and the secondary power shafts (108 110).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2012

(21) Application No.115/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : RAPID ANTIBIOTIC SENSITIVITY TEST KIT FOR URINARY TRACT INFECTION (UTI)

(51) International classification	:C12Q	(71) Name of Applicant : 1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY BIOMEDICAL TECHNOLOGY WING Address of Applicant :POOJAPPURA, THIRUVANANTHAPURAM - 695 012 Kerala India
(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	

(57) Abstract :

This invention relates to a kit for the rapid antibiotic sensitivity test for distinguishing significant bacteriuria in urinary tract infections comprising a first set of vials containing bacterial growth promoting ingredients and antibiotic, a second set of vials containing bacterial media supplement for growth and indicator dye, a vial containing a solution for reconstituting the indicator and sugar, a vial of buffer or normalising solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : ALLANTOIN RICH EXTRACTS OF PISONIA ALBA AND USE THEREOF IN COSMECEUTICAL PRODUCTS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE REGISTRAR Address of Applicant :AVINASHILINGAM INSTITUTE FOR HOME SCIENCE & HIGHER EDUCATION FOR WOMEN, COIMBATORE - 600 043 Tamil Nadu India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to leaf extracts of Pisonia alba (synonym -Pisonia grandis) having skin whitening efficiency. The invention also relates to a novel herbal skin cream useful for skin whitening and moisturizing and which comprises extracts of Pisonia alba (synonym Pisonia grandis) along with conventional additives.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.109/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A COMPUTER NETWORK TO FACILITATE AUTOMATED ONLINE TRADING

(51) International classification	:G06Q	(71) Name of Applicant : 1)KUNAL NANDWANI Address of Applicant :3/10, 1ST STREET, NORTH BOUG ROAD, OFF GN CHETTY STREET, T. NAGAR, CHENNAI- 600017, Tamil Nadu India
(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	

(57) Abstract :

The present invention discloses an online trading system implemented over a network, the system comprising: atleast one user; atleast one market exchange; and atleast one mediator; v\herein the user, the market exchange and the mediator are connected to each other over the network and have independent data processors. The mediator implements a computer readable program on the computing devices associated with the user and the market exchange such that real time information received from market exchange by the user is displayed on the computing device associated with the user in such a way that the user can customize the display by one or more of: drag and drop information within the display, highlight desired portion of the information on the display, relocate a particular portion of information to a desired location of the display and resize the display.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2012

(21) Application No.114/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED SYSTEM FOR VAPOUR POLISHING OF PLASTIC COMPONENTS IN A METALLIC VESSEL

(51) International classification	:F17C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :POOJAPPURA, TRIVANDRUM -
(33) Name of priority country	:NA	695 012 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRI D.S. NAGESH
(87) International Publication No	: NA	2)VINODKUMAR. V
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The process of vapour polishing of plastic material in a metallic vessel comprising filling the space between the walls of the metallic vessel (1) with water (3) having high specific heat to maintain uniform temperature and quick evaporation of the solvent, heating the vessel (1) to the boiling point of the solvent by a heater (6) and a controller (7), inserting the metallic tube (5) in the vessel (1), opening the lid (8) and holding in place the plastic sample to be polished (11) by a metal wire (9) and a spacer (10) by hanging from lid and then adjusting the height of the sample (11) from the porous layer (12, 4) when the solvent which is just essential in quantity to fill the chamber is injected inside the chamber through the tube (5) so that it evaporates and fills the chamber and the solvent vapour in uniformly distributed inside the vessel through the perforated tube ending (5a) and the porous metallic layers (12, 4) wherein the component (11) is held inside the vessel (1) for about 5 to 15 seconds to get polished and removed from the vessel (1) after opening the lid (8).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2012

(21) Application No.3133/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF GENERATING A PERSONALIZED EXERCISE PROGRAM FOR A USER

(51) International classification	:G06F19/00, A63B24/00	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09173286.7	
(32) Priority Date	:16/10/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/054585	1)MAEUELER Sebastian
Filing Date	:11/10/2010	2)STUT Wilhelmus Johannes Joseph
(87) International Publication No	: NA	3)LACROIX Joyca Petra Wilma
(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 of generating a personalized exercise program for a user. Fitness related data indicating an initial physical fitness shape of the user are acquired from the user and used for constructing a fitness proposal for the user. The constructing includes comparing the acquired fitness related data with reference fitness data for corresponding fitness categories, where the reference fitness data are selected in accordance to the acquired fitness related data and indicate a reference fitness shape for the user. A deviation indicator is determined for each of the categories indicating the deviation between the acquired fitness related data and the reference data within the same fitness category. The deviation indicators are subsequently presented to the user so as to indicate the initial physical fitness shape of the user compared to the reference fitness shape for each of the categories. First input data are then received from the user indicating the user™s target level for each of the categories, and finally an exercise plan is composed based on the received user input, the composing being performed in accordance to a set of rules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.98/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF INTERMEDIATE OF TRIAZOLE ANTIFUNGAL DRUG

(51) International classification	:C07D	(71) Name of Applicant : 1)MSN LABORATORIES LIMITED Address of Applicant :FACTORY: SY.NO:317 & 323, RUDRARAM (VIL), PATANCHERU(MDL), MEDAK (DIST) - 502 329 Andhra Pradesh India
(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	

(57) Abstract :

The present invention relates to a process for the preparation of ((3S,5R)-5-((1H-1,2,4-triazol-1 -yl)methyl)-5-(2,4-difluorophenyl)tetrahydrofuran-3 -yl)methyl-4-methyl benzenesulfonate compound of formula-1, which is a useful intermediate for the preparation of Triazole Antifungal drug and represented by the following structure:

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3200/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS FOR ASSESSING A TEMPERATURE IN A SUBSURFACE FORMATION

(51) International classification	:G01K13/00
(31) Priority Document No	:61/250,347
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052027
Filing Date	:08/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.

Address of Applicant :Carel van Bylandtlaan 30 NL-2596
HR The Hague The NETHERLANDS

(72)Name of Inventor :

- 1)ARORA Dhruv
- 2)BASS Ronald Marshall
- 3)BURNS David Booth
- 4)DE ST. REMEY Edward Everett
- 5)GESUALDI Eric Abreu
- 6)NGUYEN Scott Vinh
- 7)THOMPSON Stephen Taylor

(57) Abstract :

Method for assessing a temperature in a opening in subsurface formation are described herein. A method may include assessing one or more dielectric properties along a length of an insulated conductor located in the opening and assessing one or more temperatures along the length of the insulated conductor based on the one or more assessed dielectric properties.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3201/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SIMPLIFIED CHEMICALLY BONDED CERAMIC BIOMATERIAL COMPRISING TWO BINDER SYSTEMS

(51) International classification	:A61L24/00, A61K6/06	(71) Name of Applicant : 1)DOXA AB Address of Applicant :Axel Johanssons Gata 4-6 Kristallen S-754 51 Uppsala Sweden
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)HERMANSSON Leif
(33) Name of priority country	:NA	2)L—F Jesper
(86) International Application No	:PCT/SE2009/051135	3)FARIS Adam
Filing Date	:09/10/2009	
(87) 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 generally relates to chemically bonded ceramic biomaterials, preferably a dental material or an implant material, comprising two binder systems. The main binder system forms a chemically bonded ceramic upon hydration the reof, and comprises powdered calcium aluminate and, optionally, minor amounts of calcium silicate. The second binder system is a cross-linking organic binder system which provides for initial crosslinking of the freshly mixed paste forming the biomaterial. The biomaterial also comprises inert filler particles. The inventive biomaterial is free from reactive glass and thus provides for a simplified two binder systems biomaterial with a reduced number of required reactive components The invention relates to a powdered composition for preparing the inventive chemically bonded ceramic biomaterial, and a paste from which the biomaterial is formed, as well as a kit comprising the powdered composition and hydration liquid, as well as methods and use of the biomaterial in dental and implant applications.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3202/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : 4-METHYLPYRAZOLE FORMULATIONS

(51) International classification	:A61K31/415, A61P25/32	(71) Name of Applicant : 1)RAPTOR THERAPEUTICS INC Address of Applicant :9 Commercial Boulevard Suite 200 Novato CA 94949 U.S.A.
(31) Priority Document No	:61/267,389	
(32) Priority Date	:07/12/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/059065	1)DALEY Thomas E
Filing Date	:06/12/2010	2)POWELL Kathy
(87) International Publication No	: NA	3)JARZEBINSKI Olga
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided herein are 4-METHYLPYRAZOLE FORMULATIONS stable under storage conditions of up to about 55c

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3203/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : DETERGENT COMPOSITION

(51) International classification	:C11D1/722
(31) Priority Document No	:0917740.3
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051670
Filing Date	:06/10/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Reckitt Benckiser N.V.

Address of Applicant :Siriusdreef 14 2132 WT Hoofddorp
The NETHERLANDS

(72)Name of Inventor :

1)KRUBASIK Lucia

2)PREUSCHEN Judith

3)STEIN Andrea

4)ROY Pavlinka

(57) Abstract :

A liquid hard surface detergent composition comprising a liquid mixed alkoxylate fatty alcohol non-ionic surfactant comprising a greater number of the lower higher alkoxylate group than the higher alkoxylate group in the molecule and a builder. The compositions provide good shine/anti-spotting characteristics on hard surfaces and are especially suitable for use as automatic dishwashing compositions.

No. of Pages : 52 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3204/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPUTER SYSTEM AND MAINTENANCE METHOD OF COMPUTER SYSTEM

(51) International classification	:G06F11/00, G06F11/20	(71) Name of Applicant : 1)NEC Corporation Address of Applicant :7-1 Shiba 5-chome Minato-ku Tokyo 108-8001 Japan
(31) Priority Document No	:2009-233095	
(32) Priority Date	:07/10/2009	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/067277	1)ASHIHARA Koji
Filing Date	:01/10/2010	2)YAMATO Junichi
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer system of the present invention is provided with a switch for transferring a received packet data to a destination according to a flow set to itself an integrated management apparatus which specifies a maintenance object unit and a controller. The controller separates the maintenance object unit from the computer system by controlling the setting or deletion of the flow to the switch. Thus the maintenance processing of the computer system can be performed without stopping the function by controlling the side of the network and the side of the computer integratedly.

No. of Pages : 168 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.111/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A CLOUD BASED SYSTEM FOR PERFORMING ONLINE TRADING

(51) International classification	:G06Q	(71) Name of Applicant : 1)KUNAL NANDWANI Address of Applicant :3/10, 1ST STREET NORTH BOUG ROAD, OFF GN CHETTY STREET, T. NAGAR CHENNAI - 600 017 Tamil Nadu India
(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	

(57) Abstract :

A trading system has been described. The system comprising an online trading account holder having a paid subscription to access a stock exchange such that a request for performing plurality of transactions over the stock exchange by the account holder is processed by a remote server using the processing capabilities of the computing device associated with the online trading account holder such that in an event that the processing capabilities meet a predetermined criterion, the processing is done using the processing capabilities of the computing device else using the processing capabilities of the remote server.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR HARVESTING ELECTRICAL ENERGY FROM LIGHTNING

(51) International classification	:A01D	(71) Name of Applicant : 1)ANN ABRAHAM Address of Applicant :1240, 13TH MAIN ROAD, ANNANAGAR WEST, CHENNAI-600040, Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ANN ABRAHAM
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method whereby a small part of the abundant electric-energy of a lightning-bolt is picked up and converted into electricity of standard specifications. The present invention provides a rectangular or circular pool on land or sea, on to which lightning-bolt is directed by means of a lightning-attracting-rod. The charged pool has conductors connected to circuits of appropriate resistance to draw a specified amount of electric-charge. The electric-charge drawn from the pool is sent via the conductors to a safety-unit, which will check the specifications of the voltage-current picked up and convert it if necessary to the required output voltage-current specifications. The electricity that has been converted is sent via converter-output-wire to long-distance-transmission-wires to places of need and utilization.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.55/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TURBOCHARGER COMPONENT IN A TURBOCHARGER

(51) International classification	:F02B	(71) Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE-560095 Karnataka India
(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	

(57) Abstract :

A Turbocharger Component in a Turbocharger and a method of operating a turbocharger is disclosed. The turbocharger component 10 comprises a housing 14 having an inlet 16 and an outlet 18, a wheel 20 with vanes 22 located in the housing 14 and a diffuser path 24, defines the space between vanes 22 of the wheel 20 and the housing 14. The turbocharger component 10 is characterized by comprising a spacer 26 located in proximity of the wheel 20 adapted to vary dimension of said diffuser path 24 and an actuating means 28 adapted to switch the spacer 26 from a first operative position 30 to a second operative position 32 depending on the demand of compressed air from an engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.92/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : APPARATUS FOR EFFECTIVE HEAT DISSIPATION FOR RECTIFIER IN AN ALTERNATOR

(51) International classification	:F02G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMAGALA, BANGALORE-560095, KARNATKA, INDIA
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAYAKUMAR M
Filing Date	:NA	2)GANESAN V P
(62) Divisional to Application Number	:NA	3)GIFT SELVIN
Filing Date	:NA	4)SIVAKUMAR G
		5)RAJINI B P
		6)POOVANNA T

(57) Abstract :

The present invention discloses an apparatus for dissipating heat generated in the rectifier diodes of an alternator in an efficient manner. The rectifier is provided with a first heat sink (1) and a second heat sink (2) which are coupled to plus and minus diodes of a rectifier in an alternator. The first heat sink (1) and second heat sink (2) in accordance with this invention are in form of coplanar concentric arcs.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR ESTIMATING IMAGE PARAMETERS

(51) International classification	:G06F	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Veldandi Muninder
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 accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises determining at least one first 1-D curve and at least one second 1-D curve. The method also comprises computing alignment parameters indicative of alignment adjustment between the at least one first 1-D curve and the at least one second 1-D curve. A scaling parameter and at least one translation parameter may be computed between the at least one first 1-D curve and the at least one second 1-D curve based at least on the alignment parameters.

No. of Pages : 45 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3195/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : VIDEO EDITING AND REFORMATTING FOR DIGITAL VIDEO RECORDER

(51) International classification	:H04N7/26, G11B27/00	(71) Name of Applicant : 1)Apple Inc. Address of Applicant :1 Infinite Loop M/S 36-2PAT Cupertino California 95014 U.S.A.
(31) Priority Document No	:61,241,394	
(32) Priority Date	:10/09/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/048324	1)PAUL TOWNER
Filing Date	:09/09/2010	2)COURTNEY KENNEDY
(87) International Publication No	: NA	3)RANDY UBILLOS
(61) Patent of Addition to Application Number	:NA	4)GREG MULLINS
Filing Date	:NA	5)GREG WALLACE
(62) Divisional to Application Number	:NA	6)PETER CHOU
Filing Date	:NA	7)XIN TONG

(57) Abstract :

Some embodiments provide a video recording device for capturing a video clip. The video recording device receives a selection of a non-temporally compressed encoding scheme from several different encoding schemes for encoding the video clip. The different encoding schemes include at least one temporally compressed encoding scheme and at least the selected non-temporally compressed encoding scheme. The video recording device captures the video clip as several frames. The video recording device non-temporally encodes each of the frames as several slices. The slices of a particular frame are for decoding by several processing units of a video decoding device. The video recording device stores the video clip in a storage.

No. of Pages : 58 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3196/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MODULATION OF HUNTINGTIN EXPRESSION

(51) International classification	:C07H21/04, C12N15/11	(71)Name of Applicant : 1)ISIS PHARMACEUTICALS INC Address of Applicant :2855 Gazelle Court Carlsbad California-92010 U.S.A.
(31) Priority Document No	:61/241,853	2)GENZYME CORPORATION
(32) Priority Date	:11/09/2009	(72)Name of Inventor : 1)HUNG Gene 2)BENNETT C. Frank 3)FREIER Susan M 4)KORDASIEWICZ Holly 5)STANEK Lisa 6)CLEVELAND Don W. 7)SHIHABUDDIN Lamyia 8)CHENG Seng H.
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/048532 :10/09/2010	
(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 :

Provided herein are methods compounds and compositions for reducing expression of huntingtin mRNA and protein in an animal. Such methods compounds and compositions are useful to treat prevent delay or ameliorate Huntington™s disease or a symptom thereof.

No. of Pages : 257 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.80/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : PREPARATION OF IRON OXIDE NANOPARTICLES WITH HIGH TRANSVERSE RELAXIVITY AND SATURATION MAGNETIZATION FOR IMAGING APPLICATIONS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF BIOMEDICAL TECHONOLOGY WING, POOJAPPURA, THIRUVANANTHAPURAM 695012 Kerala India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAYASRRE R. S.
Filing Date	:NA	2)HARIKRISHNA VARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of iron oxide nanoparticles comprising the step of preparing an aqueous solution of anhydrous ferric chloride and hydrated ferrous chloride, adding alkali thereto with stirring to raise the pH to 14, followed by stirring the reaction mixture to allow complete precipitation of iron oxide nanoparticles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.87/CHE/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : REDUCTION OF METHANE EMISSION

(51) International classification	:A23K	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF ANIMAL NUTRITION AND PHYSIOLOGY (ICAR) Address of Applicant :ADUGODI, BANGALORE, 560030, Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)MATAM, CHANDRASEKHARAIAH 2)APPOOTHY, THULASI 3)MADAIAJAGAN, BAGATH 4)VAZHAKKALA LYJU JOSE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention deals with the identification of the plant extract Curcuma aromatic for mitigation of methane emission in vitro on straw based diet. Once it was established for its anti methanogenic property, then the product as such has been tested in cross bred cattle. The extract and the product as such has an anti methanogenic property and disclosed to be used as supplement in concentrate mixture and can be fed to animals. The present invention describes the product which can be used in cattle diet for mitigating methane emission. The product is yellow colored and can be stored at room temperature. The product is very simple to use in small quantities which will reduce methane emission from cattle without compromising the digestibility and rumen fermentation. This product can be easily taken up for recommending to different feed industries/firms and farmers for reducing methane emission thereby reducing the green house gas effect.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.3199/CHENP/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPACTED COUPLING JOINT FOR COUPLING INSULATED CONDUCTORS

(51) International classification	:H01B7/282, H01B7/17	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL-2596 HR The Hague The NETHERLANDS
(31) Priority Document No	:61/250,337	(72) Name of Inventor :
(32) Priority Date	:09/10/2009	1)COLES John Matthew
(33) Name of priority country	:U.S.A.	2)DANGELO Charles III
(86) International Application No	:PCT/US2010/052022	3)STONE Francis Marion Jr
Filing Date	:08/10/2010	4)THOMPSON Stephen Taylor
(87) 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 fitting for coupling an end of a first insulated conductor to an end of a second insulated conductor is described. The fitting includes a first splice housing placed over the end of the first insulated conductor and coupled to the first insulated conductor. The fitting also includes a second splice housing placed over the end of the second insulated conductor and coupled to the second insulated conductor. A sleeve is located over the end of the second insulated conductor and adjacent to the second splice housing. An interior volume of the fitting is substantially filled with electrically insulating material. The interior volume of the fitting is reduced such that the electrically insulating material substantially filling the interior volume is compacted.

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.12/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRIC LUMINOUS BODY HAVING HEAT DISSIPATER WITH AXIAL AND RADIAL AIR APERTURE

(51) International classification	:A63H33/08
(31) Priority Document No	:13/345,848
(32) Priority Date	:09/01/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TAI-HER YANG

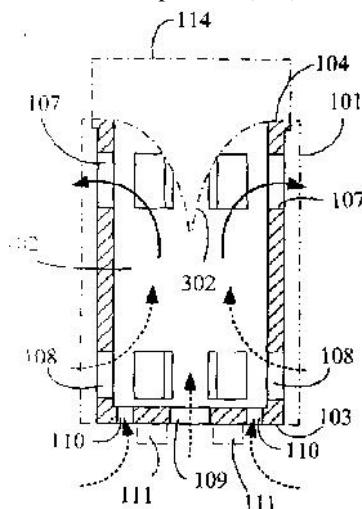
Address of Applicant :NO.59, CHUNG HSING 8 ST., SI-HU TOWN, DZAN-HWA, R.O.C. Taiwan

(72)Name of Inventor :

1)TAI-HER YANG

(57) Abstract :

The present invention is characterized in that the heat generated by the electric illumination device cannot only be dissipated to the exterior through the surface of the heat dissipater, but also enabled to be further dissipated by the air flowing capable of assisting heat dissipation through the hot airflow in a heat dissipater with axial and radial air apertures (101) generating a hot ascent/cold descent effect for introducing airflow from an air inlet port formed near a light projection side to pass an axial tubular flowpath (102) then be discharged from a radial air outlet hole (107) formed near a connection side (104) of the heat dissipater with axial and radial air apertures (101).



No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1446/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

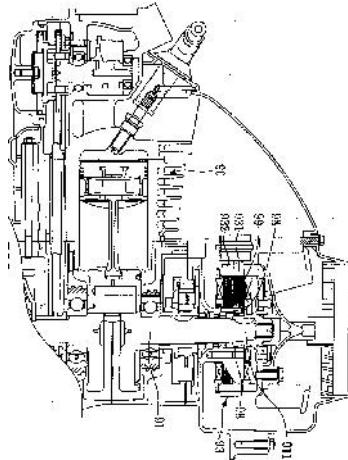
(43) Publication Date : 12/07/2013

(54) Title of the invention : HYBRID POWER APPARATUS FOR VEHICLES

(51) International classification	:F03G3/00	(71)Name of Applicant :
(31) Priority Document No	:101200109	1)SANYANG INDUSTRY CO. LTD.
(32) Priority Date	:03/01/2012	Address of Applicant :184 KENG TZU KOU, SHANG
(33) Name of priority country	:Taiwan	KENG VILLAGE, HSIN FONG SHIANG, HSINCHU, R.O.C.
(86) International Application No	:NA	Taiwan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LIN CHI-CHIEN
(61) Patent of Addition to Application Number	:NA	2)LIU PO-CHUN
Filing Date	:NA	3)NING YU-WEI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hybrid power apparatus for vehicles, arranged on an engine having a crankshaft, includes an electric motor, a cooling fan, a magnetic component, and a sensor. The cooling fan is fixedly arranged on an end of the crankshaft and rotates synchronously with the crankshaft. The magnetic component is fixedly arranged on a rotation shaft of the cooling fan and rotates synchronously with the cooling fan. The sensor is fixedly arranged on a bracket for sensing a magnetic field of the magnetic component. Thereby, since the magnetic component is not mounted directly on the crankshaft, impact of vibration brought from the crankshaft can be reduced. Besides, since the magnetic component is mounted on the cooling fan, the magnetic component can be cooled by running of the cooling fan. As such, the defects of huge vibration coming from the crankshaft and high temperature from combustion and explosion of the engine, which result in shorter life of the magnetic component, can be improved.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.174/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COKE DRY QUENCHING FACILITY AND RUNNING OPERATION METHOD FOR SAME

(51) International classification	:C10B 39/02
(31) Priority Document No	:2010-145714
(32) Priority Date	:27/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/064280
Filing Date	:22/06/2011
(87) International Publication No	:WO 2012/002223
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JP STEEL PLANTECH CO.

Address of Applicant :3-1, Kinko-cho, Kanagawa-ku,
Yokohama-shi, Kanagawa 221-0056, Japan

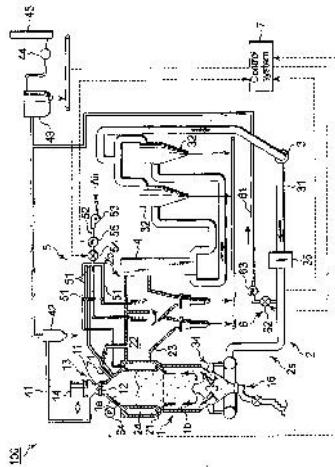
(72)Name of Inventor :

1)SEKIGUCHI Takeshi

2)HAMASAKI Naruo

(57) Abstract :

A coke dry quenching facility (100) includes a cooling tower (1) including a charge port (11) for charging the red-hot coke on an upper side and configured to cool the red-hot coke charged therein; a furnace top lid (12) configured to open and close the charge port (11); a gas circulation passage (31, 22) configured for gas including cooling gas to be circulated and including a cooling gas flow passage (31) through which the cooling gas flows toward the cooling tower (1) and a high temperature gas flow passage (22) through which high temperature gas generated by heat exchange with the red-hot coke flows; a waste heat recovery boiler (4) disposed in the gas circulation passage (31, 22) and configured to recover heat of the cooling gas having a high temperature due to heat exchange with the red-hot coke; an adjustment mechanism (5, 6) configured to adjust a flow rate of gas circulated through the cooling tower (1) and the gas circulation passage (31, 22); and a control system (7) that controls the flow rate of the gas circulated through the cooling tower (1) and the gas circulation passage (31, 22) to be smaller during a charging operation of the red-hot coke into the cooling tower (1) with the furnace top lid (12) set open, as compared to a normal running operation with the furnace top lid (12) set closed.



No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.184/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE, KIT AND METHOD FOR COLORING HAIR

(51) International classification :A45D19/00,A45D24/22
(31) Priority Document No :2010202628
(32) Priority Date :24/06/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2011/052767
 Filing Date :23/06/2011
(87) International Publication No :WO 2011/161647
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MICHEL MERCIER LTD.

Address of Applicant :6 HaNehoshet Street, 69710 Tel Aviv,
Israel

2)VAN DYKE Marc

(72)Name of Inventor :

1)MERCIER,Michel

(57) Abstract :

A hair-penetrating shield 220 comprises a tooth array having top 280 and bottom 290 surfaces. In some embodiments, for a majority of the teeth, a cross section of each tooth (for example, triangular in shape) has an asymmetric width profile such that the tooth cross section, on average, is narrower near the top of the tooth and wider near the bottom of the tooth. In some embodiments, a ratio between: i) a first average tooth width describing the average tooth width below the top-bottom midpoint; and ii) a second average tooth width describing the average tooth width above the top-bottom midpoint is at least 1.2, or at least 1.6. In some embodiments, a non-viscous hair-coloring agent is dispensed as a mist over the top of the surface of the shield so as to color roots of hair passing through the spaces between the teeth of the user's hair. In some embodiments, closely-spaced teeth of the hair penetrating shield protect the user's scalp from the non viscous hair coloring agent. Related methods and kits are disclosed herein.

No. of Pages : 103 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMAGE FORMING METHOD

(51) International classification	:G03F7/20	(71) Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, NAKAMAGOME 1-CHOME OHTA-KU, TOKYO, 143-8555 Japan
(31) Priority Document No	:2012-002423	(72) Name of Inventor : 1)HIROSHI GOTOU 2)HIDETOSHI FUJII
(32) Priority Date	:10/01/2012	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image forming method including adhering a pretreatment liquid to a surface of a recording medium bearing a coat layer thereon; adhering an ink including a colorant, an organic solvent, a surfactant and water to the surface of the recording medium to form an image of the ink; and adhering an aftertreatment liquid to the image-bearing surface of the recording medium to form a protective layer on at least the image on the recording medium. The organic solvent of the ink includes a polyalcohol having an equilibrium moisture content of not less than 30% by weight at 23°C and 80%RH; a -alkoxy-N,N-dimethylpropionamide compound, and at least one compound selected from 1,3-dioxane-4-methanol compounds, oxetane compounds, and sebacic acid dialkylester compounds.

No. of Pages : 113 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2012

(21) Application No.1432/KOL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SPEED ADJUSTMENT DEVICE FOR CONVEYOR BELT

(51) International classification	:G02B21/06	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, GERMANY
(31) Priority Document No	:2012 20009522.4	
(32) Priority Date	:10/01/2012	
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:NA	1)CHUN YE LV
Filing Date	:NA	2)YU BAO WANG
(87) International Publication No	: NA	3)JIN BIN XIONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present utility model provides a speed adjustment device for a conveyor belt, comprising a current comparison module, a speed setting module and a speed adjustment module. The current comparison module comprises an input terminal to which a drive current signal of the conveyor belt can be inputted, and an output terminal capable of outputting a judgement signal according to the result of comparing the drive current signal with a current set value of the speed adjustment device. The speed setting module comprises an input terminal capable of receiving the judgement signal, and an output terminal capable of outputting a target speed signal determining the rotation speed of a drive motor. The speed adjustment module comprises an input terminal capable of receiving the target speed signal, and an output terminal capable of outputting, on the basis of the target speed signal, a speed adjustment control signal to the drive motor to change the rotation speed thereof. Using the speed adjustment device for a conveyor belt, the magnitude of the delivery volume of the conveyor belt is judged on the basis of the size of the drive current in the drive motor, and a stable conveyor belt delivery volume is achieved by adjusting the rotation speed of the drive motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.313/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR INJECTING AN EMULSION INTO A FLAME

(51) International classification	:F23R3/34	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
(31) Priority Document No	:10178255.5	
(32) Priority Date	:22/09/2010	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/066284	1)MILOSAVLJEVIC, Vladimir
Filing Date	:20/09/2011	
(87) International Publication No	:WO 2012/038403	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an arrangement for injection of an emulsion of a first fluid and a second fluid into a flame of a burner (1) wherein the arrangement comprises:- a central gas duct (6) extending along a longitudinal central axis from an upstream end to a downstream end , - an outer gas channel (57) disposed coaxially with said gas duct (6) a fluid channel (54) disposed coaxially between said gas duct (6) and said outer gas channel (57), forming a downstream contracting annular fluid channel, said central gas duct (6) and said fluid channel (54) separated by a first frustoconical wall (60) at its downstream end terminating in an annular inner lip (50),- said fluid channel (54) and said outer gas channel (57) separated by a second frustoconical wall (61) at its downstream end terminating in an annular outer lip (53), -said arrangement mounted concentrically surrounding a heat source (5) providing through said gas duct (6) hot gases (32) being directed into the flame (7) of the burner (1), -a mixing device (47) for forming said emulsion of the first fluid and the second fluid and for letting said emulsion out into said contracting annular fluid channel (54) and for injecting said emulsion from said annular fluid channel (54) into said flame (7). According to the invention NOx emissions from the combustion of the main flame are reduced.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/10/2012

(21) Application No.1164/KOL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF APPLYING PRE-TIGHTENING FORCE ON AN ANCHOR BOLT

(51) International classification	:B25B29/02	(71) Name of Applicant : 1)SINOVEL WIND GROUP CO. LTD. Address of Applicant :Floor 19 Culture Building No. 59 Zhongguancun Street Haidian District Beijing 100872 China.
(31) Priority Document No	:201110313649.5	
(32) Priority Date	:17/10/2011	
(33) Name of priority country	:China	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ZHU Hongbing
(87) International Publication No	: NA	2)ZHENG Shuaiquan
(61) Patent of Addition to Application Number	:NA	3)SONG Lianjiang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A protection device for an offshore support platform, comprising at least two protection rings arranged with top and bottom spacing, the protection rings are configured to be arranged on the periphery of the support column of the offshore support platform; An offshore support platform, comprising a support platform and a support column, the upper end of the support column is connected to the support platform, the lower end of the support column is inserted into the seabed; the offshore support platform further comprises the aforementioned protection device, and the protection ring of the protection device is connected to the support column. In the protection device and offshore support platform according to the present invention, the interaction between the protection rings and wave can change the motion of water particles, thus significantly reducing the height of wave, reducing the energy of wave, and thereby weakening intensity of wave load on the support column of the offshore support platform and improving the stability of offshore support platform and operation safety of offshore wind turbine generator system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :16/01/2006

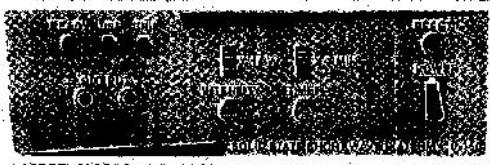
(43) Publication Date : 12/07/2013

(54) Title of the invention : A PORTABLE/ NON-PORTABLE SOLID STATE SHORTWAVE DIATHERMY AND A METHOD OF OPERATING THE SAME WITH A CAPACITY OF RF OUTPUT UPTO 400 WATT ON THE PRINCIPLES OF RF FREQUENCY (27.12MHZ) OPERATED BY SEMI CONDUCTOR CIRCUITRY (DEVICES)

(51) International classification	:A61N1/40	(71) Name of Applicant : 1)NILESH PRATAPRAI MEHTA Address of Applicant :HOSPITAL SUPPLY COMPANY, 111 C.R AVENUE, KOLKATA- 700073,WESTBENGAL,INDIA
(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	

(57) Abstract :

The present invention relates to a short wave diathermy apparatus, for therapeutically heating internal body tissue by irradiating the tissue with RF energy, said comprising of an electrical circuit means for control and operation of the short wave diathermy apparatus; interface means to effect connection of said apparatus to the applicator means; monitoring I display means for the health and status of the said apparatus; alarm means for audio in case of any malfunction or status of the device functions; and an housing assembly means to enclose said electrical circuit and interface means.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2013

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONCEPT FOR COMBINING CODED DATA PACKETS

(51) International classification	:H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 031 411.0	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:15/07/2010	Address of Applicant :HANSASTRASSE 27C, 80686 MUEENCHEN, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/062118	1)KILIAN, GERD
Filing Date	:15/07/2011	2)TASCH, ANDREAS
(87) International Publication No	:WO 2012/007565	3)BERNHARD, JOSEF
(61) Patent of Addition to Application Number	:NA	4)KOCH, WOLFGANG
Filing Date	:NA	5)NICKEL, PATRICK
(62) Divisional to Application Number	:NA	6)GERSTACKER, WOLFGANG
Filing Date	:NA	

(57) Abstract :

Concept for transmitting payload data (112-m) from a transmitter (110-m) to a receiver (120) via a communication channel within a time interval (T), wherein a plurality of channel-coded data packets (210-n) are generated from the payload data (112-m) within the time interval (T), wherein each of the channel-coded data packets comprises packet core data (212-n) corresponding to a packet identification of the respective channel-coded data packet, and wherein the packet core data is coded with a channel code of higher redundancy than the payload data (112-m). The plurality of channel-coded data packets (210-n) are sent, within the time interval (T), without any return channel to the receiver (120), which comprises a decoder (DEC) adapted to decode packet core data (212- 1) of a first received channel-coded data packet (210-1) of the time interval (T), and, if error-free decoding of the first channel-coded data packet (210-1) so as to obtain the payload data (112-m) fails, to decode packet core data (212- 2) of at least one second received channel-coded data packet (210-2) of the time interval (T) so as to determine a suitable further channel-coded data packet of the time interval for combination with the first channel-coded data packet so as to obtain, on account of the combination, an increased code gain for decoding of the payload data.

No. of Pages : 38 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.186/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SET FOR MEDICAL TREATMENT CONTAINING HOLDER FOR CANNULAS

(51) International classification	:A61M5/32
(31) Priority Document No	:1000825-8
(32) Priority Date	:10/08/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/000148
Filing Date	:04/08/2011
(87) International Publication No	:WO 2012/021099
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RUBEN, Charles

Address of Applicant :Hantverkargatan 21, S-112 21
Stockholm, Sweden

(72)Name of Inventor :

1)RUBEN, Charles

(57) Abstract :

Set for medical treatment by means of a pen-type holder containing a medical in solution for subkutan injection by means of a disposable needle or cannula assembly engageable on one end of the pen. The set comprises at least one tubular holder (10) in which new or used cannulas can be inserted and stored the holder having firm fastening means (13) to be detachably adapted to the medical pen or other similar holders (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWITCHING CONTACTOR

(51) International classification	:H01H9/36	(71) Name of Applicant : 1)JOHNSON ELECTRIC INTERNATIONAL (UK) LIMITED Address of Applicant :UNIT 5, WOODSTOCK WAY BOLDON BUSINESS PARK BOLDON, TYNE AND WEAR NE35 9PF U.K.
(31) Priority Document No	:1200331.5	
(32) Priority Date	:09/01/2012	
(33) Name of priority country	:U.K.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CONNELL RICHARD ANTHONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching electrical power contactor having a bi-blade type switch, has ferrous plates attached to the blades to increase the current carrying capacity and reduce the resistance of the switch. The contactor is incorporated on the outside of a mains meter enclosure or in a wall box for a mains meter, within the space defined by the sprung jaws of the meter socket.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : CRYOTHERAPY ELEMENT AND CRYOTHERAPY DEVICE

(51) International classification	:A61B18/02,A61B8/00,A61F7/00
(31) Priority Document No	:2010-177272
(32) Priority Date	:06/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/062660
Filing Date	:02/06/2011
(87) International Publication No	:WO 2012/017731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DGS COMPUTER

Address of Applicant :2-27, Minamiosawa, Hachiouji-shi,
Tokyo 1920364, Japan

(72)Name of Inventor :

1)IWATA Kansei

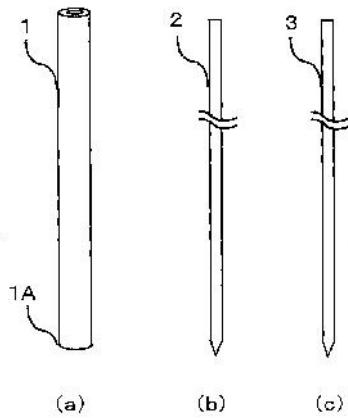
2)IWATA Yasushi

3)KAWAMURA Masafumi

4)NAKATSUKA Seishi

(57) Abstract :

A cryotherapy element is an element for performing a treatment of an affected portion by necrotizing the affected portion by repeating freezing and thawing. A frozen affected portion becomes in the state of congelation, and, for its observation, MRI and x-ray CT devices are utilized. However, it is desired to detect the congelation state more easily, certainly and accurately. A cryotherapy element comprises a metallic cylinder 1 and a freezing terminal 3 inserted into the cylinder. A freezing of the affected portion is carried out by flowing freezing gas into the freezing terminal 3, and the frozen affected portion is thawed by flowing thawing gas. An ultrasonic transducer 4 is installed on a circumference of the cylinder 1 detachably. Ultrasonic wave is emitted from the ultrasonic transducer 4, a reflected wave from the boundary between the congelation portion of the affected portion and the normal tissue is received. This transmitting and receiving is performed by a transmitting and receiving unit 5. The time and the amplitude of the reflected wave signals received by the transmitting and receiving unit 5 are stored in a memory 22. From these data, an envelope area of the amplitude is obtained and, from this, the congelation size is calculated in a processing unit 23.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/02/2013

(21) Application No.306/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHOSPHATE BINDER FORMULATION FOR SIMPLE INGESTION

(51) International classification	:A61K9/00,A61P13/12	(71) Name of Applicant : 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :Else-Kröner-Strasse 1, 61352 Bad Homburg, GERMANY
(31) Priority Document No	:10013578.9	
(32) Priority Date	:13/10/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/005069	
Filing Date	:11/10/2011	
(87) International Publication No	:WO 2012/048846	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)STROTHMANN, Kai
(62) Divisional to Application Number	:NA	2)SCHULZE, Friedrich
Filing Date	:NA	3)BARTHOLOMÄUS (BARTHOLOMAEUS), Johannes
		4)FRIES-SCHAFFNER, Eva
		5)OPPERMANN, Astrid

(57) Abstract :

The invention relates to a pharmaceutical composition in the form of a free flowing granulate or a chewable tablet, containing at least one phosphate binding substance and at least one effervescent agent which contains a carbonate and a solid organic edible acid or the acidic salt thereof, for use in the treatment of hyperphosphataemia in patients suffering from renal insufficiency, wherein the granulate is applied orally without the addition of water.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : DIRT GUIDE GROOVES IN LUBRICATED PLAIN BEARINGS

(51) International classification	:F16C33/10
(31) Priority Document No	:10 2010 040 156.0
(32) Priority Date	:02/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/065194
Filing Date	:02/09/2011
(87) International Publication No	:WO 2012/028715
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL WIESBADEN GMBH

Address of Applicant :STIELSTRA E 11, 65201
WIESBADEN GERMANY

(72)Name of Inventor :

1)BRESSER, KARSTEN

2)RITTMANN, STEFAN

(57) Abstract :

A lubricated plain bearing having at least one dirt guide groove (20) formed on the sliding surface (1), which dirt guide groove extends at least partially to a greater extent in the circumferential direction of the bearing shell than in the axial direction (A) of a shaft mounted therein, extends as far as an edge (12) of the bearing and is open at the edge, such that dirt particles transported by the dirt guide groove (20) to the edge (12) can be discharged to the outside.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.259/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SINGLE-USE APPLICATOR

(51) International classification :A61J1/06,B65B9/08,B65D75/32
(31) Priority Document No :10 2010 033 015.9
(32) Priority Date :31/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001128
Filing Date :28/05/2011
(87) International Publication No :WO 2012/016553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GAPLAST GMBH

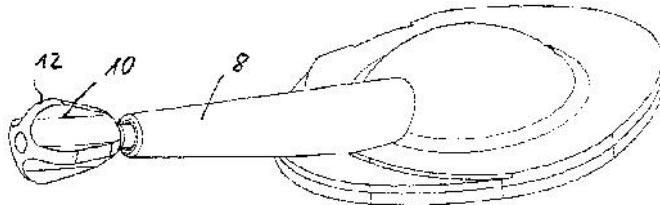
Address of Applicant :Wurmansauerstrasse 22, 82442 Altenau, GERMANY

(72)Name of Inventor :

1)KNEER, Roland

(57) Abstract :

The single-use applicator used for discharging a filling substance and comprising a substance receiving chamber provided with an outlet is characterized in that the receiving chamber comprises an outwardly curved wall and an opposite wall which is provided with a surrounding web which engages into the cavity of the curved wall on the edge thereof, and that the curved wall is shaped such that it can be smoothly pressed onto the web and the interposed area of the opposite wall.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2013

(21) Application No.274/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PYRAZOLO-QUINOLINES

(51) International classification	:C07D215/38,C07D471/04,A61K31/4745
(31) Priority Document No	:10 2010 025 786.9
(32) Priority Date	:01/07/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/003127
Filing Date	:24/06/2011
(87) International Publication No	:WO 2012/000632
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY

(72)Name of Inventor :

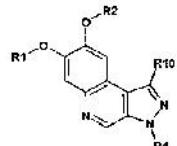
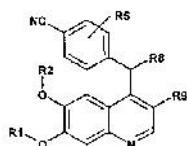
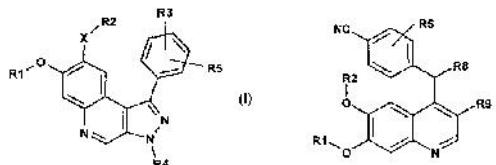
1)FUCHSS, Thomas

2)MEDERSKI, Werner

3)ZENKE, Frank

(57) Abstract :

The invention relates to compounds of the formulas (I), (II), and (III), wherein R1, R2, R3, R4, R5, R8, R9, R10, and X have the meanings indicated in the claims, and/or to the physiologically acceptable salts, tautomers, and stereoisomers of said compounds, including mixtures thereof in all ratios. The compounds of formula (I) can be used to inhibit serine/threonine protein kinases and to sensitize cancer cells with respect to anticancer agents and/or ionizing radiation. The aim of the invention is also the use of compounds of the formula (I) in the prophylaxis, therapy, or control of the progress of cancer, tumors, metastases, or disorders of angiogenesis in combination with radiotherapy and/or an anticancer agent. The invention further relates to a method for producing the compounds of the formula (I) by reacting compounds of the formula (II) or (III) and if necessary converting a base or acid of the compounds of the formula (I) into one of the salts of said compounds.



No. of Pages : 124 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2013

(21) Application No.359/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM, METHOD AND APPARATUS FOR SENSING BIOMETRIC INFORMATION

(51) International classification	:G06K9/00	(71) Name of Applicant : 1)SCOTT MCNULTY Address of Applicant :22 ENSIGN ROAD, ROWAYTON, CONNECTICUT 06853, U.S.A.
(31) Priority Document No	:S20100430	
(32) Priority Date	:13/07/2010	
(33) Name of priority country	:Ireland	
(86) International Application No	:PCT/US2011/043868	(72) Name of Inventor : 1)SCOTT MCNULTY
Filing Date	:13/07/2011	
(87) International Publication No	:WO 2012/009443	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus, method and system are provided for sensing at least one biometric measure of an individual. A low voltage pulsed electrical charge is applied to a transparent electrode plate, which is dimensioned to receive a portion of an individual's dermal surface having molecules associated therewith. The pulsed electrical charge stimulates and excites the molecules and causes molecular compounds to fluoresce. An image of the fluoresced dermal surface is obtained and a biometric function is performed with data derived from the image.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.505/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : REFRIGERATOR

(51) International classification	:F25D25/02,F25D23/02
(31) Priority Document No	:10-2010-0080752
(32) Priority Date	:20/08/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/005749
Filing Date	:05/08/2011
(87) International Publication No	:WO 2012/023721
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA

(72)Name of Inventor :

1)LIM,KIYOUNG

(57) Abstract :

Provided is a refrigerator. The refrigerator includes a cabinet defining a storage space, a first door opening or closing the storage space, an accommodation device defining an accommodation space opened toward a front surface of the first door, a second door disposed on the first door to open or close the accommodation device, a shelf disposed on the first door, the shelf being spread to the outside of the accommodation device by the rotation thereof, and a connection assembly connecting the shelf to the second door, the connection assembly being linked with the opening of the second door to rotate the shelf. Thus, convenience of use may be improved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.506/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DIRT REPOSITORY IN PLAIN BEARINGS

(51) International classification	:F16C17/02,F16C33/04,F16C33/10
(31) Priority Document No	:10 2010 040 154.4
(32) Priority Date	:02/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/065093
Filing Date	:01/09/2011
(87) International Publication No	:WO 2012/028682
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL WIESBADEN GMBH

Address of Applicant :STIELSTRA E 11, 65201
WIESBADEN GERMANY

(72)Name of Inventor :

1)RITTMANN ,STEFAN

2)AUBELE, THOMAS

3)BRESSER, KARSTEN

(57) Abstract :

A plain bearing having a repository surface which has at least one repository (2) and which is a sliding surface (1) and/or a surface of an oil supply groove, wherein the repository (2) is a cutout which is open in the direction of the repository surface and which has a repository wall (21) and which extends away from the repository surface into the bearing, wherein the repository wall (21), in the direction of extent, forms an acute angle with a reference direction, wherein the reference direction is the tangent to the repository surface at the point at which the repository wall (21) intersects the repository surface in the direction away from the repository (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1255/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : ARTICLE ATTACHABLE TO AN EXTERIOR SURFACE OF A VEHICLE AND METHOD OF FORMING THE ARTICLE.

(51) International classification	:B29C51/14	(71)Name of Applicant :
(31) Priority Document No	:13/343763	1)GM GLOBAL TECHONOLGY OPERATIONS LLC
(32) Priority Date	:05/01/2012	Address of Applicant :300 GM RENAISSANCE CENTER, DETROIT, MICHIGAN 48265-3000, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)CATHERINE A. OSTRANDER
Filing Date	:NA	2)KITTY L.GONG
(87) International Publication No	: NA	3)CHARLES K. BUEHLER
(61) Patent of Addition to Application Number	:NA	4)CHRIS A. OBERLITNER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of forming an article attachable to an exterior surface of a vehicle includes heating a thermoplastic system to form a workpiece. The thermoplastic system includes a substrate having an end surface, and a film disposed on the substrate and having a distal surface adjoining the end surface. The workpiece has a first surface adjoining the distal surface to define a distal edge, and a second surface spaced opposite the first surface and adjoining the end surface to define a proximal edge between the second and end surfaces. The method includes disposing the workpiece between a mold surface and a pressure surface. After disposing, the method includes conforming the first surface to one of the pressure and mold surfaces to form a preform, and depositing an injection-moldable polymer onto the preform to form a protective layer thereon that contacts and covers the distal surface. An article is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.185/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INSERT SHEET FOR AN AUTOMOBILE INTERIOR MATERIAL, AND A PRODUCTION METHOD FOR THE SAME

(51) International classification	:B32B27/06,B32B7/12,B32B38/14
(31) Priority Document No	:10-2010-0073851
(32) Priority Date	:30/07/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/004945
Filing Date	:06/07/2011
(87) International Publication No	:WO 2012/015178
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG HAUSYS, LTD.

Address of Applicant :One IFC Building, 10
Gukjegeumyung-ro, Yeongdeungpo-gu, Seoul 150-876,
REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE, Min-Ho

(57) Abstract :

According to one embodiment of the present invention, a production method for an insert sheet for an automobile interior material comprises the steps of: forming a surface-processing layer on a carrier film; forming a printed-pattern layer by printing a heat-resistant and light-resistant resin on the surface-processing layer, to a thickness of between 2 and 5 microns; forming an adhesive layer by laminating an acrylic adhesive on the printed-pattern layer, to between 1 and 3 microns; laminating the adhesive layer so as to lie on the surface of a substrate layer for which a transparent ABS sheet is used, and then consolidating the same by heating; and removing the carrier film.

No. of Pages : 17 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR YOGA CLASS IMAGING AND STREAMING

(51) International classification :H04N21/854,H04N21/236,H04N5/91
(31) Priority Document No :61/377,608
(32) Priority Date :27/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049611
Filing Date :29/08/2011
(87) International Publication No :WO 2012/027756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)YOGAGLO, INC.

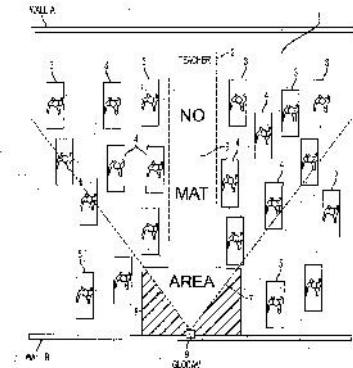
Address of Applicant :113 27TH STREET,B,
MANHATTAN BEACH,CALIFORNIA 90266, U.S.A.

(72)Name of Inventor :

1)MILLS, DERIK

(57) Abstract :

The ability to view and participate in various types of instructional classes, including Yoga, remotely and on-demand has become increasingly popular and accessible. However, participating in instructional classes off-site does not replicate the same experience as participating in an instructional class on-site, live with an instructor. The claimed system and method allow the viewer participant to view and take part in an instructional class from any location and at any time without compromising the viewer's ability to experience a participatory class experience. The system and method place the instructor at the head of the classroom with live-participants arranged between the instructor and the camera with a direct line of sight between the camera and the instructor allowing for the viewer participant to have unobstructed views while simultaneously allowing for the viewer participant to have live participants in the periphery, as if the viewer was attending a live class.



No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : ACTIVE PART OF AN ELECTRICAL MACHINE HAVING INCLINED COILS IN THE WINDING HEAD AREA

(51) International classification	:H02K3/12,H02K3/50
(31) Priority Document No	:102010039871.3
(32) Priority Date	:27/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/057614
Filing Date	:11/05/2011
(87) International Publication No	:WO 2012/025260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
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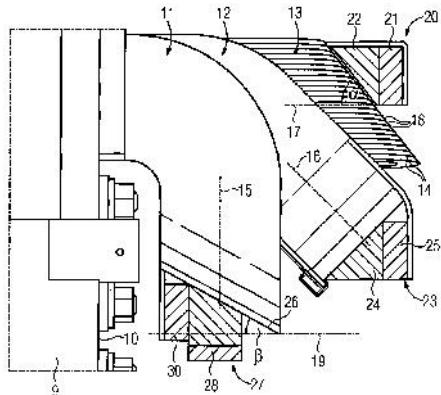
(72)Name of Inventor :

1)SCHÖNBAUER, NORBERT

2)MÖHLE, AXEL

(57) Abstract :

Electrical machines are to be constructed more compactly. To this end, an active part of an electrical machine having a carrier (9), a plurality of coils (11,12,13) which are arranged on the carrier (9) and which each comprise a plurality of sub-conductors (14) and a winding head area, in which the coils (11,12,13) project out of the carrier (9) in a curved shape, respectively and are connected to one another, is provided. At least one of the plurality of coils (11,12,13) has a coil arc in the winding head area, and the center line (15,16,17) of the coil runs in one plane in the coil arc. The sub-conductors (14) of one coil run parallel to the plane in the coil arc of the coil and themselves in each case form sub-conductor arcs. The vertices (18) of the sub-conductor arcs of the coil form a line of inclination (26) which runs at an angle to the plane.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/10/2012

(21) Application No.1239/KOL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRANSFER SYSTEM

(51) International classification	:E21B23/00	(71) Name of Applicant : 1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan
(31) Priority Document No	:2012- 000828	
(32) Priority Date	:05/01/2012	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	(72) Name of Inventor : 1)KIMURA, YOSHIKI 2)MINAMI, TAKASHI
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 transfer system according to an embodiment includes a plurality of robot hands, a storage unit, and an instructing part. The robot hands are operable to hold a thin sheet-like workpiece. The storage unit stores therein speed information that represents a temperature of the workpiece associated with a specified speed of a robot hand that holds the workpiece. The instructing part extracts the specified speed for each robot hand from the speed information and instructs to move all of the robot hands at or lower than a representative speed determined based on a set of extracted specified speed data.

No. of Pages : 51 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2013

(21) Application No.25/KOL/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWITCHING CONTACTOR

(51) International classification	:H01H9/36	(71) Name of Applicant : 1)JOHNSON ELECTRIC INTERNATIONAL (UK) LIMITED Address of Applicant :UNIT 5, WOODSTOCK WAY BOLDON BUSINESS PARK BOLDON, TYNE AND WEAR NE35 9PF U.K.
(31) Priority Document No	:1200331.5	
(32) Priority Date	:09/01/2012	
(33) Name of priority country	:U.K.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CONNELL RICHARD ANTHONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching electrical power contactor having a bi-blade type switch, has ferrous plates attached to the blades to increase the current carrying capacity and reduce the resistance of the switch. Flexible tangs formed at the distal end of the blades cooperate with a movable member to hold the contacts closed when the contactor is in the closed state.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2013

(21) Application No.278/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CHILDRESISTANT BOX FOR OBJECTS

(51) International classification :B65D5/43,B65D5/38,B65D75/32
(31) Priority Document No :1001039-5
(32) Priority Date :22/10/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051232
Filing Date :14/10/2011
(87) International Publication No :WO 2012/053962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MCNEIL AB

Address of Applicant :P.O. BOX 941, 25109 Helsingborg,
Sweden

(72)Name of Inventor :

1)HULTBERG, Lennart

2)SONESSON, Lars

(57) Abstract :

A box enclosing a chamber for carrying at least one object, such as a quantity of objects, is provided. The box comprises at least one wall, wherein said wall comprises a pair of overlapping flaps. The outer flap of said pair is adhesively attached to the inner flap of said pair to prevent access to the object(s) within the box. The outer flap is also arranged to release fragments without providing access to said objects if being tampered with. The application also includes a blank which may be folded to obtain a box.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.512/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH-STRENGTH HOT ROLLED STEEL SHEET HAVING EXCELLENT TOUGHNESS AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,B21B3/00,C21D9/46
(31) Priority Document No	:2010-209898
(32) Priority Date	:17/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071752
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/036307
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3,UCHISAIWAI-CHO,2-CHOME,CHIYODA-KU, TOKYO 100-0011,Japan

(72)Name of Inventor :

1)SAITO, HAYATO

2)NAKAJIMA, KATSUMI

3)FUNAKAWA, YOSHIMASA

4)MORIYASU, NORIAKI

5)MURATA, TAKAYUKI

(57) Abstract :

Provided is a high-strength hot rolled steel sheet having excellent toughness even if the tensile strength is strengthened to at least 780 MPa. The sheet contains, by mass% 0.04-0.12% C, 0.5-1.2% Si, 1.0-1.8% Mn, no greater than 0.03% P, no greater than 0.0030% S, 0.005-0.20% Al, no greater than 0.005% N, and 0.03-0.13% Ti, the remainder being a composition of Fe and unavoidable impurities. The structure is such that the area ratio of a bainite phase is over 95%, the average grain size of the bainite phase being no greater than 3 μm . Furthermore, the difference (Hv1) between the Vickers hardness at a position 50 μm from the surface and the Vickers hardness at a position at 1/4 of the sheet thickness is no greater than 50, the difference (Hv2) between the Vickers hardness at the position at 1/4 of the sheet thickness and the Vickers hardness at a position at 1/2 of the sheet thickness is no greater than 40, the sheet thickness is 4.0 to 12 mm inclusive, and the tensile strength is at least 780 MPa.

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.513/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMMUNOGENIC COMPOSITION

(51) International classification	:A61K39/39	(71) Name of Applicant : 1)TORAY INDUSTRIES ,INC. Address of Applicant :1-1,NIHONBASHI-MUROMACHI 2-CHOME,CHUO-KU, TOKYO 103-8666,Japan
(31) Priority Document No	:2010-189307	
(32) Priority Date	:26/08/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/069122	1)KOSHI ,YOICHIRO
Filing Date	:25/08/2011	2)NISHIO, REIJI
(87) International Publication No	:WO 2012/026508	3)KAKIZAWA, YOSHINORI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The immunogenic composition comprises, as active ingredients, immunogenic particles obtained from antigen-adjuvant microparticle complexes wherein the antigen is enclosed in adjuvant microparticles obtained from an amphiphilic polymer having a poly(hydroxy acid) for the hydrophobic segments, and a surfactant. The immunogenic composition obtained by the surfactant being enclosed in the immunogenic microparticles has an excellent ability to activate immunity in vivo even with small amounts of antigen and few immunizations.

No. of Pages : 62 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1326/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR MONITORING A TRANSMITTER AND CORRESPONDING TRANSMITTER

(51) International classification	:H01S3/13
(31) Priority Document No	:102012000187.8
(32) Priority Date	:09/01/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KROHNE MESSTECHNIK GMBH

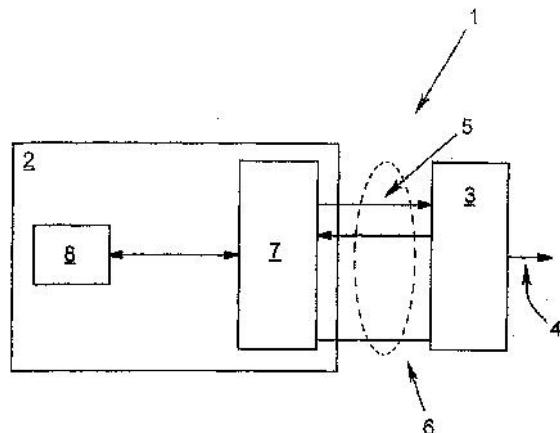
Address of Applicant :LUDWIG-KROHNE-STRASSE 5,
47058 DUISBURG, GERMANY

(72)Name of Inventor :

1)VINCENT PICHOT

(57) Abstract :

A method is described for monitoring a transmitter (1). The transmitter (1) comprises a measurement unit (2) and a transmission unit (3) which are interconnected for transmission of signals. There is at least one connecting line (6) for power supply of the measurement unit (2) which determines a measurement quantity and generates a measurement signal which is dependent on it. The transmission unit (3) receives from the measurement unit (2) the measurement signal and based on the measurement signal transfers an output signal to at least one signal transmission element (4). The object of the invention is to devise a method for monitoring a transmitter which allows reliable display of an error as easily as possible and the shifting of the transmitter into a secured state. The object is achieved in the method under discussion in that in the case in which the measurement unit (2) detects the presence of an error state, the measurement unit (2) acts on the connecting line (6).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF RUFINAMIDE

(51) International classification	:A61K 31/4192	(71) Name of Applicant : 1)LUPIN LIMITED Address of Applicant :159 CST Road Kalina Santacruz (East) Mumbai-400 098 State of Maharashtra India and also having a place of business at 1/1 Sashi Shekhar Bose Road Kolkata - 700 025 State of West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SIYAN Rajinder Singh;
(62) Divisional to Application Number	:NA	2)GOHEL Sunilkumar Vinubhai;
Filing Date	:NA	3)AHER Yogesh Subhas;
		4)BHISE Nandu Baban;
		5)SINGH Girij Pal;

(57) Abstract :

The present invention relates to a novel process for preparation of rufinamide (I) comprising: reacting 2,6-difluorobenzyl azide (II) and propiolic acid (III) in a mixture of alcohol and water to produce 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxylic acid (IV), esterifying the acid (IV) to ester (V) and treating ester (V) with ammonia. The invention further relates to process for purification of 1-(2,6-difluorobenzyl)-1H-1,2,3-triazole-4-carboxylic acid (IV), by crystallization from a mixture of alcohol and water. The present invention also provides process for purification of rufinamide (I) by crystallization from mixture of polar aprotic solvent with water or alcohol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.498/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN APPARATUS FOR PREVENTING THE SKIDDING OF A VEHICLE PROVIDED WITH WHEELS

(51) International classification	:B60B15/26
(31) Priority Document No	:1051043-6
(32) Priority Date	:05/10/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/051113
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/047149
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)T GRANSTRÖM KONSULT AB

Address of Applicant :BERGSGATAN 1, S-112 23
STOCKHOLM,Sweden

(72)Name of Inventor :

1)GRANSTRÖM ,THORVALD

(57) Abstract :

An apparatus (102; 202; 302) for preventing the skidding or sliding of a wheeled vehicle on a road surface (164), and the apparatus comprises an annular element (106; 206; 306) defining a first central axis (a-a, a3-a3) and having an outer wall (108; 308), the outer wall extending around the first central axis and facing away from the first central axis and being provided with friction means (110; 310) arranged to engage the road surface, and mounting means (116; 216; 316) for mounting the element to one of the rotatable wheels (116; 216; 316) of the vehicle and around a second central axis (b-b, b3-b3) defined by the mounting means, the mounting means being arranged to be attached to the wheel so that the second central axis is substantially collinear with an axis of rotation (c-c; c3-c3) defined by the wheel and so that the mounting means and the element are rotatable, and the element is movable in a direction about the first central axis in relation to the mounting means, wherein the mounting means and the element comprise complementary guide means movable in relation to one another. When the wheel skids or slides on the road surface, the guide means are arranged move at least one section (162; 362) of the element away from the second central axis to force the friction means of the at least one element section (162; 362) towards braking engagement with the road surface. When the wheel rolls on the road surface, the guide means are arranged to rotate the element about the first central axis. A vehicle wheel comprising the above mentioned apparatus.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : REFRIGERATOR HAVING STORAGE CONTAINER

(51) International classification	:F25D	(71) Name of Applicant :
(31) Priority Document No	:10-2012-0000457	1)LG ELECTRONICS INC. Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA
(32) Priority Date	:03/01/2012	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:NA	1)IM, JIHYUN
Filing Date	:NA	2)JUNG, MOONGYO
(87) International Publication No	: NA	3)KIM, JINDONG
(61) Patent of Addition to Application Number	:NA	4)JANG, GYEONGJIN
Filing Date	:NA	5)KANG, MYOUNGJU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerator including a storage container that may be selectively coupled to a refrigerator body or to a door by a storage container support device is provided. The refrigerator may include a refrigerator body having a storage compartment formed therein, a rotatable door to open or close the storage compartment, a gasket provided between the door and the refrigerator body, a storage container that may be selectively coupled to the door or to the refrigerator body, a storage container support device provided at the door, the refrigerator body or the storage container to allow the storage container to be selectively coupled to and supported by the refrigerator body or the door, and a control device provided in the door to selectively control operation of the storage container support device from an exterior of the door.

No. of Pages : 172 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SEMICONDUCTING POLYMERS

(51) International classification	:C08G61/12,H01L51/00	(71) Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250, 64293 Darmstadt, GERMANY
(31) Priority Document No	:10007092.9	
(32) Priority Date	:09/07/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/002927	
Filing Date	:14/06/2011	
(87) International Publication No	:WO 2012/003918	
(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 novel polymers containing repeating units based on benzodifuran benzodipyrrole or benzodithiophene monomers and methods for their preparation, their use as semiconductors in organic electronic (OE) devices, especially in organic photovoltaic (OPV) devices, and to OE and OPV devices comprising these polymers.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2013

(21) Application No.349/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ENGINE STARTING APPARATUS FOR IDLE- STOP VEHICLE

(51) International classification	:F02N11/08,B60R16/02,F02N15/00	(71) Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, TAKARA-CHO, KANAGAWA-KU YOKOHAMA-SHI, KANAGAWA 221-0023, Japan
(31) Priority Document No	:2010-157500	
(32) Priority Date	:12/07/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/064880	1)MOTOYUKI HATTORI
Filing Date	:29/06/2011	2)MASAYA FURUSHOU
(87) International Publication No	:WO 2012/008305	3)KIMIYOSHI NISHIZAWA
(61) Patent of Addition to Application Number	:NA	4)YOSHIHIRO NAKAJIMA
Filing Date	:NA	5)ATSUSHI TADAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extra lengthy part (21) for increasing resistance is provided in a dedicated starter harness (7) that directly connects a starter provided in an engine to a plus terminal (4a) of an in-vehicle battery (4), and the total length of the harness (7) is thereby increased as compared with the original length required for installment in an engine room. The lengthy part (21) is arranged in a bar shape by folding a portion of the one continuous harness (7) in half twice and furthermore bending the portion twice, and then the lengthy part (21) is fixed and supported by a bracket (22) of a battery tray (25) by using a harness holder (23). A voltage drop which is a problem can be suppressed when a vehicle having an idle-stop function is restarted, without using a resistor which is subjected to thermal resistance restrictions. Since the required resistance is ensured by additionally increasing the length of the harness (7), there is not much increase in the temperature of the harness (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.504/KOLNP/2013 A

(43) Publication Date : 12/07/2013

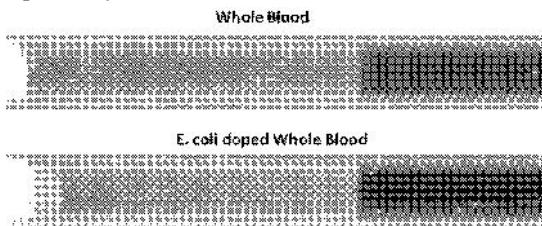
(54) Title of the invention : DENSITY-BASED SEPARATION OF BIOLOGICAL ANALYTES USING MULTIPHASE SYSTEMS

(51) International classification :B01D21/26,B03B5/28,B03B5/44
(31) Priority Document No :61/375,532
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048678
Filing Date :22/08/2011
(87) International Publication No :WO 2012/024693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE
Address of Applicant :17 QUINCY STREET, CAMBRIDGE,MA 02138 U.S.A.
(72)Name of Inventor :
1)MACE, CHARLES, R.
2)KUMAR, ASHOK,A.
3)WIRTH, DYANN,F.
4)WHITESIDES,GEORGE, M.

(57) Abstract :

The disclosed methods use a multi-phase system to separate samples according to the density of an analyte of interest. The method uses a multi- phase system that comprises two or more phase- separated solutions and a phase component such as a surfactant or polymer. The density of the analyte of interest differs from the densities of the rest of the sample. The density of the analyte of interest is substantially the same as one or more phases. Thus, when the sample is introduced to the multi-phase system, the analyte of interest migrates to the phase having the same density as the analyte of interest, passing through one or more phases sequentially.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :25/03/2009

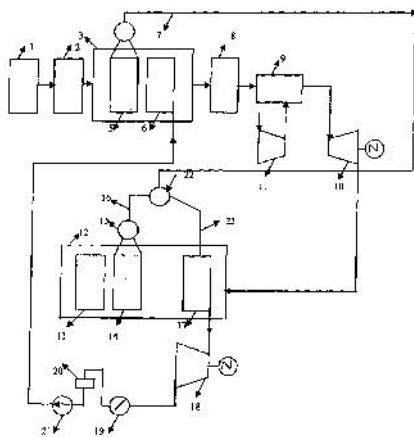
(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPORT STEAM RECEIVING AND DISTRIBUTION DEVICE

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PERUMAL PARI
Filing Date	:NA	2)SRINIVASAN SUNDARARAJAN
(87) International Publication No	: NA	3)PERIAKARUPPAN ASHOKKUMAR
(61) Patent of Addition to Application Number	:NA	4)VAITHIALINGAM SIVAKUMAR
Filing Date	:NA	5)JESULIN IMMANUEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an import steam receiving and distribution device for operation of a super heater system at rated parameters with or without import of stem from the boiler of the syngas cooler, the device being disposed in the Heat Recovery Steam Generator (HRSG) system in an Integrated Gasification combined cycle (IGCC) power plant employing a super heater system, the HRSG being f10wablyconnected to a gas turbine (10) of the IGCCvia a transition duct acting as a passage for the exhaust gas from the gas turbine (10), the HRSG comprising a super heater formed of a plurality of tubes, a de superheater system having a plurality of de superheaters, at least one super heater with or without a bypass device having a plurality of valves, and disposed in the super heater system, an evaporator having a plurality of an economizer disposed downstream of the evaporator, configured tubes, and the import steam receiving and distribution device, the device comprising a first of incoming single or multiple links (7) supplying steam from the boiler (3) of the syngas cooler; a second set of single or multiple incoming links (16) supplying steam from the evaporator (15) of the HRSG (12) of the IGCC; and a third set of single or multiple outgoing links from the header (22) supplying the mixed steam to the superheater (17).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.500/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DISSECTION HANDPIECE AND METHOD FOR REDUCING THE APPEARANCE OF CELLULITE

(51) International classification	:A61F2/00
(31) Priority Document No	:12/852,029
(32) Priority Date	:06/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046893
Filing Date	:08/08/2011
(87) International Publication No	:WO 2012/019181
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CABOCHON AESTHETICS, INC.

Address of Applicant :127 INDEPENDENCE DRIVE,
MENLO PARK,CALIFORNIA 94025 U.S.A.

(72)Name of Inventor :

1)CLARK III, ROBERT L.

2)CHOMAS, JAMES E.

3)MERCHANT, ADNAN I.

4)BRIAN III, BEN F.

(57) Abstract :

A dermatological skin treatment device is provided. The device comprises a handpiece and a cutting tool, wherein the tool is inserted through the conduit and percutaneously inserted into a tissue disposed within a recessed area of the handpiece. The device and method cut the fibrous structures under the skin that cause cellulite at an angle substantially parallel to the surface of the skin and replace these structures with a non-cellulite forming structure by deploying a highly fibrous mesh through a single needle hole to create a highly fibrous layer directly or through wound healing processes.

No. of Pages : 105 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.501/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A STRUCTURE FOR PRESSES, IN PARTICULAR FOR FORMING CERAMIC PRODUCTS

(51) International classification :B28B3/02,B21J13/04,B30B15/04
(31) Priority Document No :MO2010A000301
(32) Priority Date :28/10/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/054466
Filing Date :11/10/2011
(87) International Publication No :WO 2012/056347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SYSTEM S.P.A.

Address of Applicant :VIA GHIAROLA VECCHIA 73, I-41042 FIORANO MODENESE (MODENA) ITALY

(72)Name of Inventor :

1)STEFANI, FRANCO

2)GOZZI FRANCO

(57) Abstract :

The invention relates to a structure for presses, a resistant structure of which comprises at least a resistant element (1) which, in turn, comprises an annular element or arch (2), internally of which are predisposed two facing surfaces (20), diametrically opposite one another, between which at least a power organ (5) is insertable, which power organ (5) is suitable for compressing an object or material to be pressed between two bodies, such as to unload, on the facing surfaces (20), equal and opposite reactions of the pressing action. Full thickness cuts (3) are symmetrically arranged at ends of the facing surfaces (20), the cuts (3) having a predetermined width, each of which, starting from the end of the relative facing surface (20), develops over an arc of a polycentric curve which exhibits at least a first tract (22) the most external surface of which connects with the lateral surface (24) of the vertical portion of the annular element or arch (2), and at least a second tract (23) which is connected to the first tract (22), is shaped as an arc of a circle and extends over a portion of not less than a quarter of an arc of circumference. At least a plate (4) is housed in each full thickness cut (3) which plate (4) is provided with opposite surfaces that are destined to come into contact with the reciprocally-facing surfaces delimiting each full-thickness cut (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

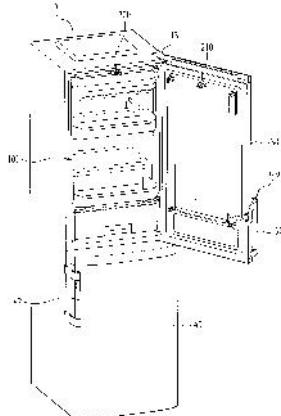
(43) Publication Date : 12/07/2013

(54) Title of the invention : REFRIGERATOR HAVING STORAGE CONTAINER

(51) International classification	:F25D	(71) Name of Applicant :
(31) Priority Document No	:10-2012-0000457	1)LG ELECTRONICS INC.
(32) Priority Date	:03/01/2012	Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:NA	1)JUNG, MOONGYO
Filing Date	:NA	2)KIM, JINDONG
(87) International Publication No	: NA	3)JANG, GYEONGJIN
(61) Patent of Addition to Application Number	:NA	4)KANG, MYOUNGJU
Filing Date	:NA	5)IM, JIHYUN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerator including a storage container that may be selectively coupled to a refrigerator body or to a door by a storage container support device is provided. The refrigerator may include a refrigerator body having a storage compartment formed therein, a rotatable door to open or close the storage compartment, a gasket provided between the door and the refrigerator body, a storage container that may be selectively coupled to the door or to the refrigerator body, a storage container support device provided at the door, the refrigerator body or the storage container to allow the storage container to be selectively coupled to and supported by the refrigerator body or the door, and a control device provided in the door to selectively control operation of the storage container support device from an exterior of the door.



No. of Pages : 154 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :24/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD OF AND AN IMPROVED SYSTEM FOR CARRYING OUT MAGNETICALLY IMPELLED ARC BUTT WELDING PROCESS (MIAB) FOR BOILER TUBES

(51) International classification	:B23K33/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(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	

(57) Abstract :

The invention discloses a method and an improved system for carrying out magnetically impelled arc butt welding process (MIAS) for welding of boiler tubes. The magnetically-impelled arc butt welding process (MIAS) is a solid state joining technique that uses arc heating of the components to be joined, the arc being struck between two tubular components, for example, and then magnetically rotated rapidly around the circumference. The arc disrupts the surface oxides and softens the interfacial material without necessarily melting it, and the components are then forced together to force out those oxides and leave only clean material in the joint. Traditionally the technique is restricted to thin-walled components, as the arc tends to travel along the periphery of the components. The present invention thus provides an improved MIAS machine for welding of thick walled steel tubes and solid steel rods and bars including a corresponding process thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : VEHICLE REINFORCING STRUCTURE

(51) International classification	:B62D25/06	(71) Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU, SHIZUOKA, 432-8611, Japan
(31) Priority Document No	:2012-001213	
(32) Priority Date	:06/01/2012	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)NAKAAKI KAZUYOSHI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle reinforcing structure that has a simple configuration and that makes it possible to enhance rigidity in the area around a border between a side body and a roof is provided. A vehicle reinforcing structure 100 includes a roof member 106, a pillar member 108 that has in its upper part an extension part 114 that extends along the roof member 106, and a reinforcing member 112 that is joined so as to bridge the extension part 114 and the roof member 106. The reinforcing member has a first welded part W1 that extends in the vehicle front-rear direction and welded to the extension part 114, and a second welded part that extends in the vehicle width direction and welded to a front edge of the roof member 106. The first welded part W1 and the second welded part W2 are provided such that an imaginary area L1 created with straight lines that connect the respective edges of the welded parts substantially fits within the area of the reinforcing member 112. The reinforcing member further has an open area S1 that is not in contact with either the pillar member 108 or the roof member 106 on the vehicle interior side of the first welded part W1 on the rear side of the second welded part W2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.182/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : JOINING METHOD AND JOINING APPARATUS

(51) International classification	:B23K20/00,B23K11/12,B23K20/10
(31) Priority Document No	:2010-143880
(32) Priority Date	:24/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/064434
Filing Date	:23/06/2011
(87) International Publication No	:WO 2011/162345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor :

1)FUKAMI Toru

2)USHIJIMA Kenshi

3)KONDO Masahiko

4)MIZUNO Hideaki

5)MOTEKI Katsuya

(57) Abstract :

Joining surfaces (2a, 2b) of a pair of conductive joining members (1a, 1b) to be joined to each other are caused to face each other, and while one of the joining members (1a, 1b) is slid relative to the other of the joining members (1a, 1b), a current is passed from one of the joining members (1a, 1b) to the other of the joining members (1a, 1b) so as to cause resistance heating. Abrasion, plastic flow, and material diffusion therefore occur in high surface-pressure sections of the joining surfaces (2a, 2b), and the joining surfaces (2a, 2b) are joined together while current concentration locations are varied from moment to moment.

No. of Pages : 80 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.277/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR THE PREPARATION OF CIS-1,2-DIOLS IN THE KILOGRAM SCALE

(51) International classification :C07D213/55,C07D213/56
(31) Priority Document No :10006796.6
(32) Priority Date :01/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/002741
 Filing Date :03/06/2011
(87) International Publication No :WO 2012/000598
(61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
(62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)**MERCK PATENT GMBH**

Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY

(72)Name of Inventor :

1)**MEDERSKI, Werner**

2)**STOEHR, Georg**

3)**WERNER, Andreas**

(57) Abstract :

The present invention relates to the scale up of the preparation of cis-1,2-diols of formula (I) from the gram to the kilogram scale.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2009

(21) Application No.554/KOL/2009 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD FOR INCREASING THE SURFACE HARDNESS BY USING LASER TREATMENT OF MULTILAYER HVOF COATINGS

(51) International classification :C22C1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
DIVISIONS(ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE,
SIRI FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

**1)KASAVARAJU VIDYASAGAR
2)VIVEK ARYA
3)PANKAJ JOSHI
4>BALBIR SINGH MANN**

(57) Abstract :

A method for increasing the surface hardness by using laser treatment of multilayer HVOF coatings comprising: fabricating the surface to be coated to achieve desired surface roughness; spray coating the surface with nickel based self fluxing alloy; spraying tungsten carbide based cermet powder; subjecting the coated sample to the step of laser treatment and evaluating for various properties such as microhardness, microstructure and silt erosion resistance. The results showed 25% improvement in microhardness and about 200% improvement in silt erosion resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :30/03/2009

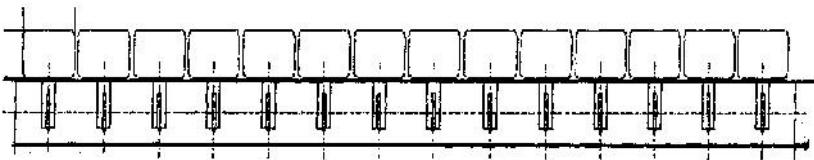
(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD OF ILLUMINATION OF COLD ROLLED SHEETS FOR AUTOMATIC SURFACE INSPECTION

(51) International classification	:B21B1/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	DIVISION, JAMSHEDPUR 831001, Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VASANTH SUBRAMANYAM
(87) International Publication No	: NA	2)PRABAL PATRA
(61) Patent of Addition to Application Number	:NA	3)SISTLA SATYANARAYANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of illumination of cold rolled sheets for automatic surface inspection comprises of finding the optimal distance of a plurality of automobile fog lamps from the ground for maximum intensity of light and calculating the cone angle after verifying experimentally the workable region of the light spread. The number of lights to be adapted in the spread available is then calculated. All these lights are arranged in metal mounting providing a vertical movement. The lights are arranged in an outward semicircular arc by which the center lamp is at the center and the corner lights are at a maximum distance of 15 mm from the center.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2003

(21) Application No.459/KOL/2003 A

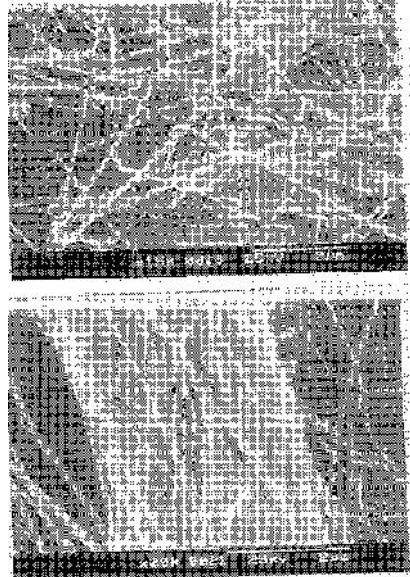
(43) Publication Date : 12/07/2013

(54) Title of the invention : SYNTHESIZED CARBON NANOTUBES AND ITS PROCESS OF MANUFACTURE

(51) International classification	:C01B31/02	(71) Name of Applicant : 1)INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE Address of Applicant :JADAVPUR, KOLKATA - 700 032, STATE OF WEST BENGAL, INDIA.
(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	

(57) Abstract :

Synthesized CNTs comprising of CNTs directly electro-deposited in pure form on wafer substrates preferably selected from Si and SnO₂ coated glass substrates. Also disclosed is the selective process for synthesis of carbon nanotubes by direct electro-deposition on substrates comprising electrolyzing bath involving selectively acetonitrile (CH₃CN) and water as the electrolyte. The above would provide for directly synthesized CNTs onto the wafer/substrate which would be simple and cost-effective. The manufacture of CNTs directly onto the wafer/substrate in the purest form which would be capable of industrial use and in particular large scale synthesis of CNTs by way of a simple and cost effective process. It would thus be possible for large scale synthesis of CNTs directly onto the Si and SnO₂ coated glass substrates by way of a simple and cost effective electro deposition technique which can be importantly further used to achieve coating even on irregular surfaces. Carbon nanotubes are effective for use in flat panel displays and also in strategic areas using light weight and high impact resistance coatings. The synthesized carbon nanotubes of the invention can be applied as materials for sensor applications, materials for scanning probe microscope tips and light weight high strength materials for defense and space applications.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : BLADE ARRANGEMENT AND ASSOCIATED GAS TURBINE

(51) International classification	:F01D5/22	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MÜNCHEN,GERMANY
(31) Priority Document No	:10179376.8	
(32) Priority Date	:24/09/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/066287	
Filing Date	:20/09/2011	
(87) International Publication No	:WO 2012/038406	
(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 blade arrangement (11) with a rotor (12) and a plurality of blades (14) which are distributed in a ring (10) along the circumference (U) of the rotor (12), wherein two immediately adjacent blades (14) of the ring (10) form a blade pair (a,b,b,b,d,e,h), between the blades (14) of which a damping element (A,B,B,B,D,E,H) is arranged and wherein the respective damping element (A,B,B,B,D,E,H) comes into contact with the two blades (14) of the blade pair (a,b,b,b,d,e,h) assigned to them during a rotation of the rotor (12) about a rotor axis as a result of a centrifugal force which acts in the radial direction (R). In order to bring about frequency detuning of the oscillation properties of blades (14), as a result of which machining of the turbine blade (22) becomes unnecessary it is proposed that the blade ring (10) has at least two blade pairs (a,b,b,b,d,e,h) with different damping elements (A,B,B,B,D,E,H).

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2009

(21) Application No.541/KOL/2009 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD OF EDGE ISOLATION OF THIN FILM SOLAR CELL MODULE BY SAND BLASTING

(51) International classification	:H01L31/0256
(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OFFICES AT
REGIONAL OPERATIONS DIVISION (ROD), PLOT NO:
9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT
LAKE CITY, KOLKATA-700091, HAVING ITS
REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW
DELHI-110049, INDIA

(72)Name of Inventor :

1)NAGENDER SINGH

2)SON PAL SINGH

3)ANIL KUMAR SAXENA

(57) Abstract :

A method of edge isolation of thin film solar cell module by sand blasting consists covering the active area of the solar cell module with a glass or plastic sheet leaving the four edges of the cell and then blowing sand on the surface of the four edges till thin active layers of solar cell module are removed and surfaces of glass substrate are textured. Roughness of these surfaces are checked on surface profilometer and finally the module having four rough edges is laminated with ethyl vinyl acetate and Tedlar for developing a very stable and long lasting solar cell module.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.618/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR SOLID OXIDE FUEL CELL FABRICATION

(51) International classification	:H01M8/12,H01M8/02,C04B35/64	(71) Name of Applicant : 1)BLOOM ENERGY CORPORATION Address of Applicant :1299 Orleans Drive, Sunnyvale, CA 94089 U.S.A.
(31) Priority Document No	:61/374,424	
(32) Priority Date	:17/08/2010	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor : 1)BATAWI, Emad, El 2)MUNOZ, Patrick 3)NGUYEN, Dien
(86) International Application No	:PCT/US2011/047976	
Filing Date	:16/08/2011	
(87) International Publication No	:WO 2012/024330	
(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 making a solid oxide fuel cell (SOFC) includes forming a first sublayer of a first electrode on a first side of a planar solid oxide electrolyte and drying the first sublayer of the first electrode. The method also includes forming a second sublayer of the first electrode on the dried first sublayer of the first electrode prior to firing the first sublayer of the first electrode,firing the first and second sublayers of the first electrode during the same first firing step, and forming a second electrode on a second side of the solid oxide electrolyte.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :31/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING BLADE ATTACHMENT SLOTS AT COMPOUND ANGLE ON THE PERIPHERY OF GAS TURBINE TAPERED COMPRESSOR WHEELS

(51) International classification	:F01D25/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

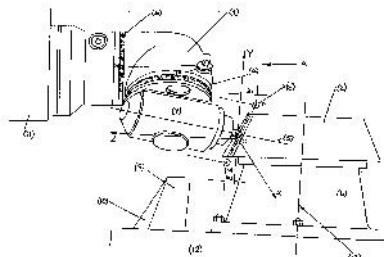
Address of Applicant :REGIONAL OPERATIONS
DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICES AT BHEL HOUSE,
SIRI FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)JAYANTA DAS

(57) Abstract :

Blade attachment slots on the periphery of gas turbine tapered compressor wheels (or disks) are produced by milling at compound angle on a general-purpose standard CNC horizontal boring machine using a general-purpose standard universal head. The milling cutter is accurately tilted through two angles in three dimensions by setting the helix angle and the inclination angle accurately on the two circular scales of the universal head. Blade attachment slots are produced by milling in three steps- rough straight slot milling, rough dovetail profile milling and finish dovetail profile milling - with the milling cutter mounted on the tilted spindle of the universal head. Three-dimensional tool length compensation is carried out to accurately account for the variation in tool lengths of different milling cutters used in the compound angle machining process. This invention provides an economical method for making blade attachment slots on gas turbine tapered compressor wheels, especially when the number of gas turbines to be manufactured per annum is relatively small, and allows greater flexibility in production.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : FORCED AIR RADIANT HEATING UTILICORE AND MODULE AND BUILDING INCORPORATING SAME

(51) International classification :F24D11/00,B28B7/16,E04B1/348
(31) Priority Document No :PCT/CA2010/001435
(32) Priority Date :17/09/2010
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2011/001031
Filing Date :16/09/2011
(87) International Publication No :WO 2012/034217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)URBANETICS INC.

Address of Applicant :350 Terry Fox Drive, Suite 110, Kanata, Ontario K2K 2W5, Canada

(72)Name of Inventor :

1)TERON, William

(57) Abstract :

An HVAC duct or utilicore for substantially containing air flowing longitudinally therethrough has at least one wall comprised of a poured high thermal mass material with at least one pipe embedded therein during a pouring process, the at least one pipe for circulating a fluid throughout the at least one wall at a temperature that is different from an ambient temperature of the air flowing through the utilicore, for effecting heat transfer through the at least one wall between the fluid in the at least one conduit and the air flowing through the utilicore. A side wall of an elongate monolithic poured concrete building construction module having a substantially planar main wall and at least one side wall extending substantially parallel to a longitudinal axis, having a pipe embedded therewithin, may form at least a portion of an element that defines the utilicore. A storey defining structure for a building may comprise a plurality of at least one of such construction modules, each module supported at at least two points by a support structure, each module being oriented such that distal ends of the side walls thereof engage the support structure, the at least one side wall and the main wall defining an elongate arch, the modules being juxtaposed in parallel relation to define at least one elongate utilicore between the arches. The support structure may comprise one or more modules employed as substantially horizontal beams or substantially vertical columns or both.

No. of Pages : 68 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.616/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPOSITE BUILDING MODULE WITH A THERMAL MASS RADIATOR

(51) International classification :E04B1/04,B28B23/00,E04C1/39
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CA2010/001435
Filing Date :17/09/2010
(87) International Publication No :WO 2012/034207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)URBANETICS INC.

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Kanata, Ontario K2K 2W5, Canada

(72)Name of Inventor :

1)TERON, William

(57) Abstract :

A precast monolithic concrete prefabricated,composite building construction module formed of a substantially planar rear wall. The rear wall has embedded therewithin a radiator pipe for circulating a fluid at a temperature that is different from an ambient temperature of the modular component within the rear wall. The module may comprise at least one side wall integral with the rear wall that terminates at one end at a corresponding end of the rear wall. The rear wall has a length and each of the at least one side walls has a length and extending in a first direction substantially normally away from the rear wall sufficient to substantially enclose and define walls of a standard facility, the at least one side wall supporting the rear wall to cause the module to be free-standing while devoid of lateral support. The radiator pipes are interconnected through inlet/outlet junctions by tubing with other inlet/outlet junctions to permit a single circulating fluid source to circulate fluid through the radiator pipes of a plurality of the modules making up a building structure.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2013

(21) Application No.596/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL SHEET HAVING EXCELLENT BENDABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,B21B3/00,C21D9/46
(31) Priority Document No	:2010-209943
(32) Priority Date	:17/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071754
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/036309
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011 Japan

(72)Name of Inventor :

- 1) Hayato SAITO**
- 2)NAKAJIMA Katsumi**
- 3)FUNAKAWA Yoshimasa**
- 4)MORIYASU Noriaki**
- 5)MURATA Takayuki**

(57) Abstract :

Provided is a high strength hot-rolled steel sheet having tensile strength of 780 MPa or greater and excellent bending workability. The composition is, by mass%, C: 0.05 to 0.15% Si: 0.2 to 1.2% Mn: 1.0 to 2.0%, P: 0.04% or less, S: 0.0030% or less Al: 0.005 to 0.10%, N: 0.005% or less, and Ti: 0.03 to 0.13%, with the balance being Fe and inevitable impurities. Surface layer regions from both surfaces of the steel sheet to a depth of 1.5 to 3.0% of the total sheet thickness have a bainite surface area percentage of less than 80% and a surface area percentage of a ferrite phase having a grain size of 2 to 15 μm of 10% or greater. An inner region excluding these surface layer regions has a bainite phase surface area percentage exceeding 95% and a tensile strength of 780 MPa or greater.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2013

(21) Application No.597/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C23C8/14,C21D9/46,C22C38/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/067612 :30/09/2010
Filing Date	
(87) International Publication No	:WO 2012/042677
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA :NA
Filing Date	

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011 Japan

(72)Name of Inventor :

1)FUSHIWAKI Yusuke

2)SUZUKI Yoshitsugu

(57) Abstract :

Provided are: a high-strength steel sheet having superior chemical conversion treatability and post-electrodeposition corrosion resistance even if the amount of contained Si is large; and a method for producing the high-strength steel sheet. A steel sheet containing, by mass%, 0.01- 0.18% C, 0.4-2.0% Si, 1.0 3.0% Mn, 0.001-1.0% Al, 0.005-0.060% P, and S 0.01%, the remainder comprising Fe and unavoidable impurities, is continuously annealed, during which in a heating process, the temperature range of the heating furnace temperature of A°C to B°C inclusive (A: 600 A 780; and B: 800 B 900) has a dew point of the ambient atmosphere of at least -10°C.

No. of Pages : 42 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.634/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, RELAY NODE AND WIRELESS BASE STATION

(51) International classification	:H04W12/08,H04W16/26
(31) Priority Document No	:2010-181881
(32) Priority Date	:16/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068446
Filing Date	:12/08/2011
(87) International Publication No	:WO 2012/023513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 Japan

(72)Name of Inventor :

1)TAKAHASHI, Hideaki

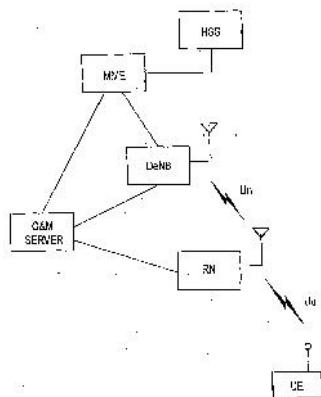
2)HAPSARI, Wuri Andarmawanti

3)UMESH, Anil

4)IWAMURA, Mikio

(57) Abstract :

The disclosed mobile communication method sends and receives signaling of an S1SP/X2AP layer on a DRB established between a wireless base station (DeNB) and a relay node (RN), wherein the SMC (security mode commands) processing performed in attachment processing of the relay node (RN) involves a step for generating a key (Ks1x2_int) for implementing integrity protection on the aforementioned DRB.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.635/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MESOTHELIOMA BIOMARKERS AND USES THEREOF

(51) International classification	:C40B30/04,C40B40/10	(71) Name of Applicant : 1)SOMALOGIC, INC. Address of Applicant :2945 Wilderness Place, Boulder, CO 80301 U.S.A.
(31) Priority Document No	:61/386,840	
(32) Priority Date	:27/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/053377	(72) Name of Inventor :
Filing Date	:27/09/2011	1)OSTROFF, Rachel, M.
(87) International Publication No	:WO 2012/047618	2)STEWART, Alex, A., E.
(61) Patent of Addition to Application Number	:NA	3)WILLIAMS, Stephen, Alaric
Filing Date	:NA	4)BRODY, Edward, N.
(62) Divisional to Application Number	:NA	5)NIKRAD, Malti
Filing Date	:NA	6)RIEL-MEHAN, Michael

(57) Abstract :

The present disclosure includes biomarkers, methods, devices, reagents, systems, and kits for the detection and diagnosis of cancer generally and mesothelioma specifically. In one aspect, the disclosure provides biomarkers that can be used alone or in various combinations to diagnose cancer generally or mesothelioma specifically. In another aspect, methods are provided for diagnosing mesothelioma in an individual, where the methods include detecting, in a biological sample from an individual, at least one biomarker value corresponding to at least one biomarker selected from the group of biomarkers provided in Table 1, wherein the individual is classified as having mesothelioma, or the likelihood of the individual having mesothelioma is determined, based on the at least one biomarker value. In a further aspect methods are provided for diagnosing cancer generally in an individual, where the methods include detecting, in a biological sample from an individual, at least one biomarker value corresponding to at least one biomarker selected from the group of biomarkers provided in Table 19, wherein the individual is classified as having cancer generally, or the likelihood of the individual having cancer is determined, based on the at least one biomarker value.

No. of Pages : 177 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(21) Application No.354/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : AIR CONDITIONING APPARATUS

(51) International classification	:F25B13/00,F25B1/00	(71) Name of Applicant : 1)DAIKIN INDUSTRIES, LTD. Address of Applicant :UMEDA CENTER BUILDING, 4-12, NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530-8323, Japan
(31) Priority Document No	:2010-173612	
(32) Priority Date	:02/08/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/066533	
Filing Date	:21/07/2011	
(87) International Publication No	:WO 2012/017829	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KOUSUKE KIBO
(62) Divisional to Application Number	:NA	2)SHINICHI KASAHARA
Filing Date	:NA	

(57) Abstract :

An air conditioning device (10) is provided with a heat source unit (20), utilization units (40, 50, 60), and a control unit (80). The heat source unit (20) has a compression mechanism (21), a heat source-side heat exchanger (23) which serves at least as an evaporator, and a heat source-side expansion valve (38). The utilization units (40, 50, 60) have utilization- side heat exchangers (42, 52, 62) serving at least as condensers, and also have utilization- side expansion valves (41, 51, 61). The control unit (80) adjusts the extent of opening of the heat source-side expansion valve (38) on the basis of the extent of opening of the utilization-side expansion valves (41, 51, 61).

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :30/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD TO EVALUATE TORSIONAL PROPERTIES IN HIGH CARBON STEEL WIRES BY EDDY CURRENT MEASUREMENTS

(51) International classification	:G01Q20/04	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT DIVISION, JAMSHEDPUR 831001, Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)J.C. PANDEY 2)MANISH RAJ
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method to evaluate torsional properties in high carbon steel by eddy current measurements comprising taking a plurality of samples of high carbon steel wire rods having known torsional no.; testing torsion no. of the samples according to IS specification No:1717:1985 by eddy current output voltage; measuring the eddy current output voltage of the samples of known torsional value; preparing a standard graph of eddy current outflow voltage VS known torsion value; testing eddy current outflow voltage of a new sample (unknown torisonal value); and comparing the eddy current outflow voltage with standard graph (eddy current outflow voltage vs torsional no.) to find out the torsional value of unknown samples.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.630/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PIEZOELECTRIC POLYMER ELEMENT AND PRODUCTION METHOD AND APPARATUS THEREFOR

(51) International classification :H01L41/193,B29C47/00,H01L41/18
(31) Priority Document No :1015399.7
(32) Priority Date :15/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051734
Filing Date :15/09/2011
(87) International Publication No :WO 2012/035350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNIVERSITY OF BOLTON

Address of Applicant :Deane Road Bolton, Lancashire BL3 5AB, U.K.

(72)Name of Inventor :

1)SIORES, Elias

2)HADIMANI, Magundappa L (Ravi)

(57) Abstract :

A piezoelectric polymer element such as a fibre or film is described, having a solid cross- section and a substantially homogeneous composition. A method of forming such a piezoelectric polymer element is also described. The method has the steps of extruding a polymer material and concurrently poling a region of the extruded material. Apparatus for forming such a piezoelectric polymer element is also described that comprises an extruder for extruding a polymer element from a granular feed and a pair of electrodes for applying an electric field across a region of the element concurrently with its extrusion. Also described is a piezoelectric construct having such piezoelectric polymer elements interposed between two conductive layers. A system for converting mechanical energy into electrical energy is described in which each of the piezoelectric construct's two conductive layers is connected to a respective terminal of a rectifying circuit.

No. of Pages : 18 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.631/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD, A HAND-OPERATED APPARATUS, A SHOOTING APPARATUS, AND A PLAYING SURFACE PLATFORM FOR DYNAMIC ACTIVITIES

(51) International classification :A63F7/24,A63B67/04,A63H3/14
(31) Priority Document No :61/371,724
(32) Priority Date :08/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/053538
Filing Date :08/08/2011
(87) International Publication No :WO 2012/020369
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LAM, Anthony

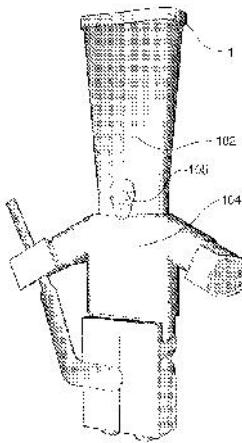
Address of Applicant :57 Augustin, Candiac, Québec J5R 5Y9, Canada

(72)Name of Inventor :

1)LAM, Anthony

(57) Abstract :

A small scale dynamic activity which comprises the use of a method, a hand-operated apparatus, a shooting apparatus, and a playing surface platform, presented as a preferred embodiment in the format of a small scale adaptation of the sport of hockey. A hand-operated apparatus is used as goalie equipment with a method of defending a goal from forthcoming small pucks. A shooting apparatus allows rotating a paddle member to control and propel such small pucks. A playing surface platform complements the use of the method along with these two apparatuses within shielded boundaries. The hand-operated apparatus can be positioned in a pose representative of goalie equipments and of bending of limbs. Furthermore the present invention can be composed of different arrangements for alternative embodiments such as new types of games or to allow small scale adapt at ion of a physical activity.



No. of Pages : 42 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2013

(21) Application No.269/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : USE OF A HSPC117 MOLECULE AS RNA LIGASE

(51) International classification	:C12N9/00,C12N15/52,G01N33/50	(71) Name of Applicant : 1)IMBA - INSTITUT FÜR MOLEKULARE BIOTECHNOLOGIE GMBH Address of Applicant :Dr. Bohrgasse 3, A-1030 Vienna, Austria
(31) Priority Document No	:10174549.5	
(32) Priority Date	:30/08/2010	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/064884	1)POPOW, Johannes
Filing Date	:30/08/2011	2)WEITZER, Stefan
(87) International Publication No	:WO 2012/028606	3)MARTINEZ, Javier
(61) Patent of Addition to Application Number	:NA	4)MECHTLER, Karl
Filing Date	:NA	5)SCHLEIFFER, Alexander
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of HSPC117 molecules as RNA ligase, methods of ligating RNA molecules, kits for these methods and uses and transgenic cells.

No. of Pages : 102 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.502/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, WIRELESS BASE STATION DEVICE, AND MOBILE TERMINAL DEVICE

(51) International classification	:H04W72/04
(31) Priority Document No	:2010-194827
(32) Priority Date	:31/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/069823
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/029873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1,NAGATACHO 2-CHOME,CHIYODA-KU, TOKYO 1006150,Japan

(72)Name of Inventor :

1)KISHIYAMA ,YOSHIHISA

(57) Abstract :

The purpose of the present invention is to provide a wireless communication system, a wireless base station device, and a mobile terminal device in which duplex communication is efficiently applied in a communication system having a frequency band configured from a plurality of basic frequency blocks. In the wireless communication system, the frequency band allocated to wireless communication between a wireless base station device and a mobile terminal device is configured by adding or deleting the basic frequency blocks in units of blocks, wherein the frequency band is configured from a plurality of basic frequency blocks, having at least a first basic frequency block and a second basic frequency block, in which case wireless communication is performed using the FDD technique for the first basic frequency block, and using the TDD mode or the half-duplex FDD mode for the second basic frequency block.

No. of Pages : 66 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2009

(21) Application No.570/KOL/2009 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED CENTRIFUGAL COMPRESSOR CASING WITH THICKER SOLID END WALL AND WITH SEPARATELY BOLTED LUBE OIL CHAMBER

(51) International classification	:F04B51/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICES AT BHEL HOUSE,
(87) International Publication No	: NA	SIRI FORT, NEW DELHI-110049 INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)POTINENI NAGESWARA RAO
(62) Divisional to Application Number	:NA	2)SESHADRI DURAIRAJ
Filing Date	:NA	

(57) Abstract :

An improved centrifugal compressor casing consists of a casing (B) with thicker solid end wall (1) for housing dry gas seals and drilling gas connection holes (2). A plurality of lube oil discharge chambers (3- Side cover) are bolted to the casing (B) for providing adequate lube oil holding space. The said casing is made of casting wherein the lube oil discharge chambers (3) are separately cast.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.642/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR ACCOMMODATING MOUNTING RAIL MODULE CASES

(51) International classification	:H05K7/14	(71) Name of Applicant :
(31) Priority Document No	:10 2010 046 990.4	1)PHOENIX CONTACT GMBH & CO. KG
(32) Priority Date	:30/09/2010	Address of Applicant :Flachsmarkstra e 8, 32825
(33) Name of priority country	:Germany	Blomberg, GERMANY
(86) International Application No	:PCT/EP2011/004883	(72) Name of Inventor :
Filing Date	:30/09/2011	1)TRINH, Dat-Minh
(87) International Publication No	:WO 2012/041509	2)KÄUPER, Heinrich
(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 receiving device (5) comprising a one-piece carrier (10) which prevents a circuit board (100,101) and the contacts (170) thereof from being damaged even in the case of frequent insertion and removal of mounting rail module housings (160). This is achieved in particular in that the module housing (160) can be released from an integral mounting rail (50) of the carrier (10) by pivoting in the direction of the circuit board (100,101). This special pivoting is made possible in that the integral mounting rail (50) and the retaining region (20) of the circuit board (100,101) are spatially separated in such a way that the mounting rail module housing (160) and the circuit board (100,101) are mechanically decoupled even in the installed state.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.643/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH STRENGTH GALVANIZED STEEL SHEET HAVING EXCELLENT DEEP DRAWABILITY AND STRETCH FLANGEABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,C21D9/48,C22C38/14
(31) Priority Document No	:2010-218922
(32) Priority Date	:29/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071756
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/043420
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011, Japan

(72)Name of Inventor :

1)KIMURA Hideyuki

2)OKUDA Kaneharu

3)SUGIHARA Reiko

(57) Abstract :

Provided is a high-strength hot-dip galvanized steel sheet which has excellent deep drawability and stretch flangeability and which has a TS of 440 MPa or higher, an average r value of 1.2 or more, and a of 80% or higher. Also provided is a process for producing the galvanized steel sheet. The steel contains, in terms of mass% 0.010-0.06% C, 0.5-1.5%, excluding 0.5%, Si, 1.0-3.0% Mn, 0.005-0.1% P, up to 0.01% S, 0.005-0.5% sol. Al, up to 0.01% N, 0.010-0.090% Nb, and 0.015-0.15% Ti, the contents of Nb and C in the steel satisfying the relationships $(Nb/93)/(C/12) < 0.20$ and $0.005 \leq C \leq 0.025$, and has a ferrite content and a martensite content of 70% or higher and 3% or higher, respectively, in terms of areal proportion. $C = C - (12/93)Nb - (12/48)\{Ti - (48/14)N\}$ (C,Nb,Ti and N indicate the contents of C,Nb,Ti, and N, respectively, in the steel).

No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.175/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

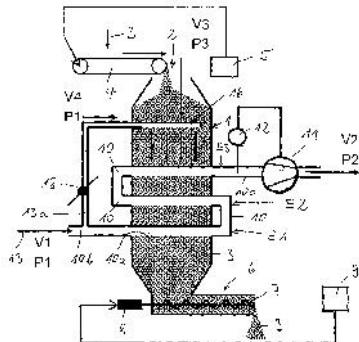
(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR PREHEATING CHARGING MATERIAL FOR GLASS MELTING FACILITIES

(51) International classification	:C03B3/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 055 685.8	1)BETEILIGUNGEN SORG GMBH & CO. KG
(32) Priority Date	:22/12/2010	Address of Applicant :Stoltestra e 23, 97816 Lohr am
(33) Name of priority country	:Germany	Main, GERMANY
(86) International Application No	:PCT/EP2011/072528	(72)Name of Inventor :
Filing Date	:13/12/2011	1)LINDIG, Matthias
(87) International Publication No	:WO 2012/084591	2)SORG, Helmut
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device is described for preheating charging material (3) for glass melting installations using the exhaust gases thereof, having a vertical preheating shaft (1) through which there extends a heat exchanger (10) through which the exhaust gases are conducted, the upper end of the preheating shaft (1) having a charging opening (2) for the charging material (3), and the lower end having a discharge device (6) for the preheated charging material (3), and the inlet of the heat exchanger being connected to a supply line and the outlet being connected to an outlet line for the exhaust gases. So that in such a device a high portion of the heat from the exhaust gases can be recuperated with a small constructive height and low volume, and the suctioning of environmental air as false air, and contamination of the environment, can be reduced to a minimum, it is provided that the supply line (10b) for the exhaust gases has at least one branch in the form of an outlet line (13a) for drawing off a partial quantity of the hot gases (13) and that the outlet line (13a) is connected to at least one downwardly open sealing gas line (16) that is situated in the region of the charging material (3) above the at least one exhaust gas passage (10) of the heat exchanger for the emission of the hot gases into the charging material (3).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2009

(21) Application No.564/KOL/2009 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HOT GAS GENERATOR SYSEM FOR HEATING THE BED IN PRESSURISED FLUIDISED BED GASIFIERS.

(51) International classification	:F02C3/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE,
(87) International Publication No	: NA	SIRI FORT, NEW DELHI-110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOVINDASAMY VISWANATHAN
(62) Divisional to Application Number	:NA	2)RAJAMANNAR KANNAN
Filing Date	:NA	3)MOHAN SELVAKUMAR
		4)VENGATACHALAM PERIAKARUPPAN
		5)KANDAN SEKAR
		6)BALASUBRAMANIAN PRASAD

(57) Abstract :

An improved Hot gas Generator system for uniform heating of the bed in a pressurized fluidized bed gasifier, comprising a circular duct (02) forming a housing; a cold air pipe (01) to admit cold air to the housing (02); a flame stabilizer means (03) disposed in the housing (02) to stabilize and retain the flame; at least two support plate means (04) each located on one of the two sides of the flame stabilizer means (03) to hold the means (03) and releasably joined by bolts and nuts; an oil gun means (05) connected to the flame stabilizer means (03) for atomizing the fuel oil; and a high energy arc igniter means (07) parallel disposed at an opposite end of the housing (02) in relation to the oil gun means(05) to ignite the fuel oil.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.640/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : IRON POWDER FOR COATING SEEDS, AND SEEDS

(51) International classification	:A01C1/06	(71) Name of Applicant :
(31) Priority Document No	:2010-193337	1)JFE STEEL CORPORATION
(32) Priority Date	:31/08/2010	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/070091	1)KAWANO, Takashi
Filing Date	:30/08/2011	2)FUJINAGA, Masashi
(87) International Publication No	:WO 2012/029969	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an iron powder for coating seeds, the ratio by mass of iron particles having a particle diameter of 63 μm or smaller is controlled to 0- 75% inclusive, the ratio by mass of iron particles having a particle diameter larger than 63 μm but not larger than 150 μm is controlled to 25-100% inclusive, and the ratio by mass of iron particles having a particle diameter larger than 150 μm is controlled to 0-50% inclusive. Thus, an iron powder for coating seeds, when used in coating, said iron powder scarcely falling off not only during sowing but also during transportation, and iron powder coated rice seeds that are coated with the iron powder for coating seeds can be obtained. Moreover, an iron powder for coating rice seeds said iron powder unlikely damaging rice seeds and being easily handled, and iron powder coated rice seeds that are coated with the iron powder for coating rice seeds can be obtained.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.641/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRIC MACHINE - OVER-MOULDING CONSTRUCTION

(51) International classification	:H02K21/24,H02K1/14,H02K15/12
(31) Priority Document No	:1013881.6
(32) Priority Date	:19/08/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/051550
Filing Date	:16/08/2011
(87) International Publication No	:WO 2012/022974
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**OXFORD YASA MOTORS LIMITED**

Address of Applicant :7 Cholswell Court, Shippon,
Abingdon,Oxfordshire OX13 6HX U.K.

(72)Name of Inventor :

1)**WOOLMER, Tim**

2)**GARDNER, Chris**

3)**BARKER, Jon**

(57) Abstract :

An electric machine (10) comprises a rotor (14a,b) having permanent magnets (24a,b) and a stator (12) having coils (22) wound on stator bars (16) for interaction with the magnets across an air gap (26a,b) defined between them. The bars (16) and coils (22) are enclosed by an annular stator housing (42a,b) that extends between the air gap. A chamber (52,54,56) is defined that incorporates cooling medium to cool the coils. The stator housing comprises two mating clamshells (42a,b) that mount the stator bars and coils in the machine. Each clamshell is moulded from reinforced plastics and interconnected (optionally through one or more intermediate components). At least one clamshell has over-moulded therein stator bar shoes that form part of said radial wall, and optionally one or more of the following components: cylindrical boss supports extending along the cylindrical outer wall part; connection studs that communicate electrically the chamber externally; stator coils; coolant inlet and outlet ports; and an outer race of a rotor bearing.

No. of Pages : 40 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.530/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :24/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN IMPROVED DEEP BORE STELLITING SYSTEM FOR DEPOSITING STELLITE WELD METAL INSIDE A NARROW AND DEEP BORE OF A VALVE BODY

(51) International classification	:E21B17/07	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OFFICES AT
(33) Name of priority country	:NA	REGIONAL OPERATIONS DIVISION (ROD), PLOT NO:
(86) International Application No	:NA	9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT
Filing Date	:NA	LAKE CITY, KOLKATA-700091, HAVING ITS
(87) International Publication No	: NA	REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW
(61) Patent of Addition to Application Number	:NA	DELHI-110049, INDIA
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)ARASAN RAJA
Filing Date	:NA	2)KANHAIYALAL ROHIRA

(57) Abstract :

The invention relates to an improved deep bore stellitting system for depositing stellite weld metal inside a narrow and deep bore of a valve body, the system comprising an insulated gas cooled sleek MIG welding torch (11) carrying a welding current, a shielding gas, and a wire for welding inside a narrow and deep bore in valve components; a remote pendent operated mechanized torch positioning system (TPS) enabled to move vertically and/or horizontally, and capable of positioning the torch (11) accurately into a groove located inside a deep bore of the valve body; and a shielding gas mixture comprising 80%C02 +20%Argon for stellite welding using a metal cored stellite wire.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DRIVING ASSISTANCE DEVICE AND METHOD OF DETECTING VEHICLE ADJACENT THERETO

(51) International classification	:G08G1/16,G06T1/00	(71) Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, Japan
(31) Priority Document No	:2011-088726	
(32) Priority Date	:13/04/2011	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2012/059914	(72) Name of Inventor :
Filing Date	:11/04/2012	1)Chikao TSUCHIYA
(87) International Publication No	:WO 2012/141219	2)Yasuhsia HAYAKAWA
(61) Patent of Addition to Application Number	:NA	3)Shinya TANAKA
Filing Date	:NA	4)Osamu FUKATA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A driving assistance device (1) is a device that provides a variety of information to the driver of a vehicle (V), from imaging results for the environs of the vehicle (V), and is characterized by comprising: a reflection candidate region detection unit (34) that detects a high-luminance section having a luminance of at least a prescribed threshold value, from inside an imaging region captured by a camera (10); a prescribed position luminance detection unit (35) that detects the luminance at a position separated from the vehicle (V) by a prescribed distance and above a straight line direction connecting the position of the high-luminance section detected by the reflection candidate region detection unit (34) and the camera (10) in a top plan view of the vehicle; a luminance difference detection unit (36a) that detects the difference between the luminance value of the high-luminance section detected by the reflection candidate region detection unit (34) and the luminance value at the position detected by the prescribed position luminance detection unit (35); and an adjacent vehicle detection unit (36b) that detects adjacent vehicles inside the imaging region, on the basis of the difference in luminance detected by the luminance difference detection unit (36a).

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

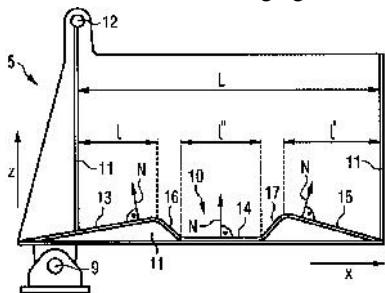
(43) Publication Date : 12/07/2013

(54) Title of the invention : CHARGING DEVICE FOR A MELTING FURNACE OF A MELT-METALLURGICAL INSTALLATION

(51) International classification	:C21C5/52,F27B3/18	(71)Name of Applicant :
(31) Priority Document No	:10 2010 044 984.9	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:10/09/2010	Address of Applicant :Wittelsbacherplatz 2, 80333
(33) Name of priority country	:Germany	München, GERMANY
(86) International Application No	:PCT/EP2011/065113	(72)Name of Inventor :
Filing Date	:01/09/2011	1)DORNDORF, Markus
(87) International Publication No	:WO 2012/031973	2)HUBER, Hansjörg
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A charging device (4) for a melting furnace (1) of a melt-metallurgical plant has a charging element (5), which can be filled with metal scrap (2) intended for the melting furnace (1) in a stockpiling area (6) of the melt- metallurgical plant, can be transferred from there into a charging area (7), can be tipped there about a horizontal tipping axis (9) for emptying and, in the emptied state, can be transferred back into the stockpiling area (6). The charging element (5) has a bottom plate (10) and side walls (11). At least one of the side walls (11) can be opened for emptying the charging element (1). This side wall (11) runs parallel to the tipping axis (9). A component of a respective local normal vector (N) that the bottom plate (10) defines by its contour varies in a horizontal direction (x), which extends orthogonally in relation to the tipping axis (9), in such a way over the locus on the bottom plate (10) that, when the charging element (5) is tipped about the tipping axis (9), the metal scrap (2) located in the charging element (5) does not fall out of the charging element (5) all at once but with a time lag.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.645/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : LIQUID MANAGEMENT LAYER FOR PERSONAL CARE ABSORBENT ARTICLES

(51) International classification	:A61L15/22	(71) Name of Applicant :
(31) Priority Document No	:13/026,059	1)POLYMER GROUP, INC.
(32) Priority Date	:11/02/2011	Address of Applicant :9335 Harris Corners Parkway, Suite 300, Charlotte, NC 28269, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2012/023133	1)STEFFEN, John, F.
Filing Date	:30/01/2012	2)GRONDIN, Pierre, D.
(87) International Publication No	:WO 2012/109040	3)MOODY, Ralph, A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A liquid management layer constructed from large diameter uncrimped fibers in the form of a spunbond nonwoven web is described. Embodiments of the liquid management layer can include a plurality of thermoplastic fibers in the form of a spunbond nonwoven web where the plurality of thermoplastic fibers are randomly oriented and uncrimped, where the liquid management layer has a maximum void volume of 25 cc/g and a web density of at least 0.05g/cc, where the liquid management layer has a maximum thickness of 1.5 mm, a basis weight of at least 30 g/m² and a rewet value of less than 0.4 g according to test method WSP 70,8, and where the liquid management layer has an average fiber diameter of at least 40 microns based on the number of thermoplastic fibers in the liquid management layer and where less than 10% by count of the plurality of thermoplastic fibers in the liquid management layer have an absolute fiber diameter less than 30 microns. Additional embodiments of the invention include a personal care absorbent article incorporating the liquid management layer over an absorbent core.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.261/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BRAKE WEAR SENSOR OF A DISK BRAKE

(51) International classification	:F16D66/02,F16D66/00,F16D65/56
(31) Priority Document No	:102010032515.5
(32) Priority Date	:28/07/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/062900
Filing Date	:27/07/2011
(87) International Publication No	:WO 2012/013702
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR
NUTZFAHRZEUGE GMBH

Address of Applicant :Moosacher Strasse 80, 80809
München, GERMANY

(72)Name of Inventor :

1)HELP, Anton

(57) Abstract :

The invention relates to a brake wear sensor of a disk brake, comprising: a. a sensor unit (3); b. a gearbox (10) cooperating with the sensor unit (3); and c. a central drive element (8), which is engaged with the gearbox (10), for an input variable or characteristic variable associated with brake wear; characterized in that d. the brake wear sensor comprises at least one additional input (9) for a further input variable or characteristic variable.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2013

(21) Application No.352/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR MANUFACTURING COMPOSITE FOR CONTINUOUS SHEET USED IN ABSORBENT ARTICLES, MANUFACTURING APPARATUS, AND METHOD FOR MANUFACTURING ABSORBENT ARTICLE

(51) International classification	:A61F13/15,A61F13/49
(31) Priority Document No	:2010-192632
(32) Priority Date	:30/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068842
Filing Date	:22/08/2011
(87) International Publication No	:WO 2012/029572
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

Address of Applicant :182, KINSEICHOSHIMOBUN,
SHIKOKUCHUO-SHI, EHIME 799-0111 Japan

(72)Name of Inventor :

1)IIDA, MIWA

2)ISHIKAWA, OSAMU

(57) Abstract :

A method in which a composite for a continuous sheet used in absorbent articles is manufactured by pasting a cut sheet to a continuous sheet at a predetermined pasting pitch. The method has the steps of: holding the cut sheet in a state of surface contact in a holding unit that travels along a circular path; and separating the cut sheet from the holding unit when the holding unit moves past a handover position established on the circular path, and pasting and handing over the cut sheet to the continuous sheet travelling through a position in the vicinity of the handover position. In the handover step, the holding force for holding the cut sheet is reduced and the suction force for suctioning the cut sheet toward the continuous sheet is applied through the continuous sheet, whereby the cut sheet is pasted to the continuous sheet without being pinched between the holding unit and the continuous sheet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.629/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SMOKELESS TOBACCO PRODUCT COMPRISING EFFERVESCENT COMPOSITION

(51) International classification	:A24B15/42,A24B15/28
(31) Priority Document No	:12/876,785
(32) Priority Date	:07/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/050517
Filing Date	:06/09/2011
(87) International Publication No	:WO 2012/033743
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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)HUNT, Eric, Taylor

2)HOLTON, Darrell, Eugene, Jr.

3)ST. CHARLES, Frank, Kelley

(57) Abstract :

The invention provides a smokeless tobacco composition adapted for oral use, the composition including a tobacco material and an effervescent material. The effervescent material includes an acid component and a base component, wherein the acid component includes a triprotic acid such as citric acid and at least one additional acid. The invention also provides a method for making a smokeless tobacco composition that involves first forming a granulation mixture, granulating the granulation mixture, and then blending the resulting granules with further blending components. Thereafter, the material can be formed into a predetermined shape, such as by compression or extrusion. The acid component of the effervescent material is divided into two portions, the first portion added to the granulation mixture and the remaining portion added during the blending step.

No. of Pages : 36 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.668/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SIGNAL AND DETECTION SYSTEM FOR KEYING APPLICATIONS.

(51) International classification :G01N21/55,B44F1/02,G01N21/25
(31) Priority Document No :61/381,671
(32) Priority Date :10/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/001008
Filing Date :09/09/2011
(87) International Publication No :WO 2012/031354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INTEGRATED ELECTRONICS MANUFACTURING CORP.

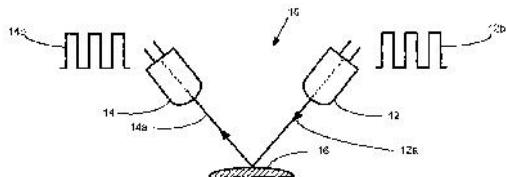
Address of Applicant :91 Skyway Avenue, Suite 200,
Toronto, Ontario M9W 6R5 (CA) Canada

(72)Name of Inventor :

**1)IZMAILOV, Alexandre
2)ZOSIMADIS, Peter**

(57) Abstract :

Systems and methods for differentiating the spectral response of various optical coatings between a transmitter and receiver are described. The system is effective in determining if an optical coating produces an authorized spectral response for determining if a product having that optical coating is authorized to be used with another product.



No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2013

(21) Application No.669/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AEROSOL ACTUATORS

(51) International classification	:B05B11/00,B65D83/20	(71) Name of Applicant : 1)MEADWESTVACO CALMAR, INC. Address of Applicant :501 South 5th Street, Richmond, Virginia 23219-0501, U.S.A.
(31) Priority Document No	:61/376,007	
(32) Priority Date	:23/08/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/048816	(72) Name of Inventor : 1)SELL, Steven, A.
Filing Date	:23/08/2011	
(87) International Publication No	:WO 2012/027373	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aerosol actuator which may be connected to a container to form an aerosol delivery system or package wherein the aerosol actuator includes two parts: a base and a trigger, the trigger including a integrated cap for the base, trigger, spring or living hinge, manifold and orifice.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR ENHANCING FATIGUE STRENGTH OF WELDED PART AND WELDED JOINT

(51) International classification	:B23K31/00	(71)Name of Applicant :
(31) Priority Document No	:2012-000998	1)JFE STEEL CORPORATION Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 Japan
(32) Priority Date	:06/01/2012	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KATSUYOSHI NAKANISHI 2)YASUSHI MORIKAGE 3)JUN OKADA 4)HAJIME TOMO 5)MAKOTO DOI
(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 :

To provide a method for enhancing fatigue strength where hammer peening is preferably used and fatigue strength of a welded part in steel structures such as a steel bridge can be enhanced by introducing a compressive residual stress to the welded part without imparting deformation which generates a new stress concentration zone. To be more specific, a portion of a surface of a base metal spaced apart from a toe of weld is plastically deformed by hammering the portion perpendicular to the surface of the base metal by a chipper having a chamfered flat hammering face, preferably, in a state where hammering is performed by gradually moving the chipper from a side in the vicinity of the toe of weld to the outside such that portions of plastically deformed regions overlap with each other thus introducing a compressive residual stress in the toe of weld. In forming the strip-shaped plastically deformed region where a characteristic value of groove (product of maximum depth and width) (mm²) has a predetermined value adjacent to the toe of weld, the toe of weld is hammered by a chamfer on an edge of the flat part of the hammering face of the chipper, and the base metal is hammered by the flat part. Assuming a width of the hammering face of the chipper used for hammering as B, the plastic deformation is generated by hammering a portion of the surface of the base metal which falls within B/4 from the toe of weld.

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.683/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/53,A61F13/539
(31) Priority Document No :2010-195861
(32) Priority Date :01/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069604
Filing Date :30/08/2011
(87) International Publication No :WO 2012/029777
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Uni-Charm Corporation

Address of Applicant :182, Shimobun, Kinsei-cho,
Shikokuchuo-shi, Ehime, 7990111 Japan

(72)Name of Inventor :

1)UEMATSU, Katsuhiro

2)CAO, Quing

3)ITO, Yukihiro

4)HARADA, Hiroyuki

5)NISHITANI, Kazuya

(57) Abstract :

To provide an absorbent article capable of reducing leakage of body fluid from the end side of the longitudinal direction. That is, there is provided a vertically long absorbent article (1) provided with a fluid permeable surface sheet (2) having a skin contacting surface, a fluid impermeable back surface sheet (3), and a liquid absorbent absorber (4) arranged between the surface sheet (2) and the back surface sheet (3). The skin contacting surface is provided with an excretory portion contacting area (A) which is located roughly in the center of the longitudinal direction of the absorbent article (1) and which contacts the vicinity of the excretory portion of the wearer, a front area (B) which is located in front of the excretory portion contacting area (A), and a rear area (C) which is located to the rear of the excretory portion contacting area (A). A compression groove (7) is provided with a pair of first central grooves (71) arranged along the longitudinal direction of the absorbent article (1) in the excretory portion contacting area (A), and a first ringed groove (72) arranged in at least either the front area (B) or the rear area (C), and the first ringed groove (72) is arranged in a position that overlaps a vertical center line (S1) which extends in the longitudinal direction of the absorbent article (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.684/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : WIRELESS MEASUREMENT COLLECTION METHOD AND WIRELESS TERMINAL

(51) International classification	:H04W24/10	(71) Name of Applicant :
(31) Priority Document No	:61/373,525	1)KYOCERA CORPORATION
(32) Priority Date	:13/08/2010	Address of Applicant :6, Takeda Tobadono-cho, Fushimi-Ku, Kyoto-shi, Kyoto 6128501 Japan
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/068320	1)CHANG, Henry
Filing Date	:10/08/2011	2)FUKUTA, Noriyoshi
(87) International Publication No	:WO 2012/020814	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless measurement collection method employs user equipment (UE) which, in accordance with a measurement configuration set by a measurement configuration message received from a network, retains a measurement log including the measurement results of a wireless environment. The wireless measurement collection method comprises: a step (S109) in which the network transmits, to the UE, a UEInformationRequest message for requesting the transmission of the measurement log; and a step (S110) in which the UE transmits, to the network, a UEInformationResponse message for transmitting the measurement log. In step (S110), the UE transmits the UEInformationResponse message to the network even when a measurement log is not saved.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.24/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWITCHING CONTACTOR

(51) International classification	:H01H9/36	(71) Name of Applicant : 1)JOHNSON ELECTRIC INTERNATIONAL (UK) LIMITED Address of Applicant :UNIT 5, WOODSTOCK WAY BOLDON BUSINESS PARK BOLDON, TYNE AND WEAR NE35 9PF U.K.
(31) Priority Document No	:1200331.5	
(32) Priority Date	:09/01/2012	
(33) Name of priority country	:U.K.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CONNELL RICHARD ANTHONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching electrical power contactor having a bi-blade type switch, has ferrous plates attached to the blades to increase the current carrying capacity and reduce the resistance of the switch.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.253/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CLOSURE FOR A CONTAINER

(51) International classification	:B65D41/04,B65D41/08,B65D53/02
(31) Priority Document No	:1011800.8
(32) Priority Date	:14/07/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001003
Filing Date	:04/07/2011
(87) International Publication No	:WO 2012/007707
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**THREADLESS CLOSURES LTD.**

Address of Applicant :The Priory, Ketton, Rutland PE9
3RD, U.K.

(72)Name of Inventor :

1)**FRASER, Anthony, Henry, Joseph**

2)**HEIN, John**

(57) Abstract :

A closure for a container having a circular opening defining an axis and a lip around said opening, the closure comprising: an inner component having a collar portion for locating about the exterior of the container beneath the Gp of the container and a sealing portion which extends from said collar portion over an upper surface of said lip; and an outer component for fitting over the inner component and interacting therewith for releasably securing the collar portion under the lip, wherein the outer component has a skirt part for locating about the collar portion of the inner component, and the collar portion comprising a plurality of spaced apart radially moveable parts around its circumference pivotally joined at their lower ends by a ring extending around the entire circumference of the collar portion. The sealing portion may be formed of flexible material or may be formed of a relatively rigid material with a flexible sealing member, eg an o-ring, carried thereby.

No. of Pages : 48 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/KOLNP/2013 A

(19) INDIA

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

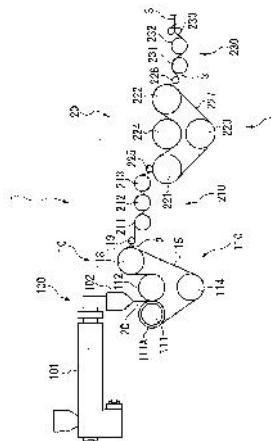
(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING TRANSPARENT RESIN LAMINATE, MOLDED BODY AND RESIN LAMINATE

(51) International classification	:B32B27/32,B29C47/06,B29C51/14	(71) Name of Applicant : 1)IDEMITSU UNITECH CO.,LTD. Address of Applicant :2-3,SHIBA 4-CHOME,MINATO-KU, TOKYO 1080014,Japan
(31) Priority Document No	:2010-188696	
(32) Priority Date	:25/08/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)FUNAKI AKIRA 2)KONDO KANAME
(86) International Application No	:PCT/JP2011/069006	
Filing Date	:24/08/2011	
(87) International Publication No	:WO 2012/026478	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intermediate layer of a crystalline resin and a surface layer are formed, said surface layer being formed, on at least one surface of the intermediate layer, from a crystalline resin that has a higher melt flow rate and a shorter relaxation time in comparison to those of the crystalline resin that constitutes the intermediate layer. The intermediate layer and/or the surface layer contains a metallocene type ethylene- α -olefin copolymer that is produced using a metallocene catalyst. A master sheet (2) is formed by cooling laminated sheets that are obtained by extruding the crystalline resins in a molten state, and the master sheet (2) is heat-treated at a temperature not lower than the crystallization temperature but not higher than the melting point, so that a transparent resin laminate (3) is produced.



No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :25/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN APPARATUS FOR GENERATING HYDROGEN-RICH GAS/STEAM THROUGH EFFICIENT WASTE HEAT ECOVERY FROM SLAG

(51) International classification	:C02F1/68	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT DIVISION,JAMSHEDPUR 831001, Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VIKAS SINGH
(87) International Publication No	: NA	2)VILAS D TATHAVADKAR
(61) Patent of Addition to Application Number	:NA	3)T C JANGHEL
Filing Date	:NA	4)AVTAR SINGH
(62) Divisional to Application Number	:NA	5)S S N CHAND
Filing Date	:NA	

(57) Abstract :

An apparatus for generating hydrogen-rich gas/steam through efficient waste heat recovery from molten slag of metal industry consists of rotating rollers (1) which receives molten slag through a distributor (2) while a plurality of nozzles (3) injects water on the rollers (1). The rollers are rotated by prime movers to have uniform distribution of slag heat on the entire surface. A stack (4) collects the hydrogen-rich gas produced by the molten slag reacting with water through catalytic thermo-chemical decomposition of water. The chamber (7) encloses all the items of the apparatus (A). A bell mechanism (5) discharges solidified slag granules from the bottom of the chamber (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.690/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING METALLURGICAL COKE

(51) International classification	:C10B57/04
(31) Priority Document No	:2010-195616
(32) Priority Date	:01/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/070315
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/029984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Kiyoshi FUKADA

2)Izumi SHIMOYAMA

3)Hidekazu FUJIMOTO

4)Tetsuya YAMAMOTO

5)Hiroyuki SUMI

6)Yusuke DOHI

7)Koki TERUI

(57) Abstract :

Provided is a method for producing metallurgical coke having better qualities such as strength as compared with conventional metallurgical coke. The method involves precisely evaluating the softening and melting properties of coals used in coal blends by measuring the softening and melting properties of the coals through a simulation carried out using environmental conditions under which the coals are softened and melted in a coke furnace, and preparing a coal blend by mixing multiple brands of coals. A method for producing metallurgical coke by dry distillation of a coal blend, wherein the softening and melting properties of various brands of coal are evaluated beforehand by placing material having through-holes in the upper and lower surfaces thereof on a predetermined amount of a coal sample which fills a container, heating the coal sample at a predetermined heating rate while loading the material having through-holes in the upper and lower surfaces thereof with a predetermined load, and measuring the penetration distance of the coal into the through-holes. A coal blend is produced by mixing the coals in such a way that the coal blend comprises 10 mass% or less of a brand of coal having a penetration distance equal to or greater than 1.6 times the average penetration distance of brands of coals whereof the maximum flow rate measured by a Gieseler plastometer is between 100 ddpm and 500 ddpm.

No. of Pages : 62 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.170/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SECURITY IMPROVEMENTS FOR FLEXIBLE SUBSTRATES

(51) International classification	:G06K 7/10
(31) Priority Document No	:GB 1010735.7
(32) Priority Date	:25/06/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2011/052800
Filing Date	:24/06/2011
(87) International Publication No	:WO 2011/161661
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OMAR Ralph Mahmoud

(57) Abstract :

A method of creating an optical security element in a value document using a low-cost printing device of a data processing terminal is described. The method comprises: providing a flexible substrate having a pre-printed ink portion; wherein the pre-printed ink portion is provided in an unexposed state which does not provide an optical security function of the security element; configuring a variable laser irradiation device to determine a part of the unexposed pre-printed ink portion to be exposed to laser radiation in a machine-controlled manner, and exposing the unexposed pre-printed ink portion to laser radiation in the machine controlled manner to create from the pre-printed ink portion a predefined pattern, wherein the optical characteristics of the pattern provide the optical security element.

No. of Pages : 88 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2013

(21) Application No.276/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : OPENING ARRANGEMENT FOR A BOX

(51) International classification :B65D5/70,B65D5/38,B65D83/04
(31) Priority Document No :1001040-3
(32) Priority Date :22/10/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051233
Filing Date :14/10/2011
(87) International Publication No :WO 2012/053963
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MCNEIL AB

Address of Applicant :P.O. BOX 941, 25109 Helsingborg,
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(72)Name of Inventor :

1)HULTBERG, Lennart

2)SONESSON, Lars

(57) Abstract :

A box for a quantity of loose objects is provided with a dispensing opening that inhibits and preferably prevents objects from becoming caught within the box in the process of being dispensed. The box comprises walls enclosing a chamber for carrying a quantity of loose objects. A tab is defined, preferably by a weakening line, in a first wall of the box, such that the tab forms a flap when the weakening line is broken or the tab is otherwise separated from the first wall. Then the flap is hingedly attached to the first wall of the box by the aid of an attachment line between the ends of the weakening line. The flap is then pivotable into the chamber of the box after the weakening line has been broken. The tab has a breadth in a direction substantially parallel to the attachment line and a height in a direction substantially perpendicular to the attachment line. The tab height from a free edge thereof to the attachment line is preferably longer than the distance between the attachment line and an edge between the first wall (in which the tab is defined) and a second wall to which the flap formed from the tab is pivoted. Thus, the flap blocks entrance of the objects into an area between the flap and the walls to which the flap is pivoted so that objects are not trapped within the box upon dispensing of the objects.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.499/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NON-REUSABLE COLLECTION DEVICE FOR BODILY FLUIDS

(51) International classification	:A61M5/32
(31) Priority Document No	:12/846,402
(32) Priority Date	:29/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/044668
Filing Date	:20/07/2011
(87) International Publication No	:WO 2012/015644
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RETRACTABLE TECHNOLOGIES, INC.

Address of Applicant :511 LOBO LANE, LITTLE ELM,TX
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2)SHAW, THOMAS, J.

(72)Name of Inventor :

1)SMALL, MARK

2)ZHU, NI

3)SHAW,THOMAS, J.

(57) Abstract :

A non-reusable device for collecting bodily fluids such as vascular blood from a patient, the device being configured for example to receive a blood collection tube and having a retractable needle attached to a rearwardly biased needle holder that is constrained prior to needle retraction by a rotatably mounted lug ring and that is released during retraction by depressing a trigger pivotably connected to the body of the device to rotate the lug ring, whereby the needle holder is driven into a retraction cavity disposed inside the trigger and the front tip of the needle is retained inside the body of the device.

No. of Pages : 31 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.702/KOLNP/2013 A

(19) INDIA

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

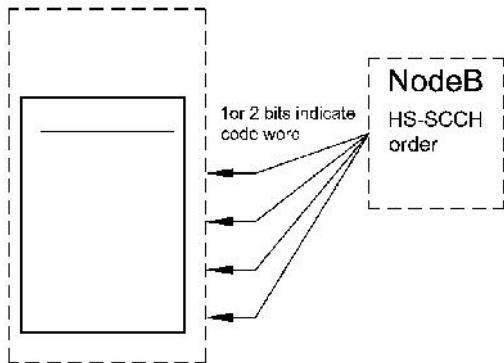
(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE AND METHOD FOR IMPROVED CLOSED LOOP DIVERSITY

(51) International classification	:H04B7/06,H04B7/04	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S-164 83 Stockholm, Sweden
(31) Priority Document No	:61/375,931	
(32) Priority Date	:23/08/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/SE2011/050999	
Filing Date	:19/08/2011	
(87) International Publication No	:WO 2012/026868	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A NodeB (105) for an HSPA enabled WCDMA network (100), arranged (11,12,13) to transmit beam forming instructions to a User Equipment, a UE (1 10), which is arranged for beam forming. The beam forming instructions comprise information identifying a code book with one or more code words, and the NodeB is also arranged to transmit code words from said code book to the UE at a certain rate. The NodeB is further arranged to determine said rate based on dynamically varying information available in the WCDMA network and to receive said information on the code book from an RNC upon configuration of the U E or to choose code book based on said dynamically varying information available in the WCDMA network.



No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.590/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ROTOR FOR AN ELECTRICAL MACHINE

(51) International classification	:H02K1/27,H02K7/18	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
(31) Priority Document No	:10 2010 040 400.4	
(32) Priority Date	:08/09/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/064787	
Filing Date	:29/08/2011	
(87) International Publication No	:WO 2012/031923	
(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 rotor for an electrical machine, wherein the rotor has a rotor body, wherein permanent magnets are arranged on the circumference of the rotor body, wherein those areas of the circumference of the rotor body which are covered by the permanent magnets have at least one recess and/or that side of the permanent magnets which faces the circumference of the rotor body has at least one recess. Furthermore, the invention relates to a rotor for an electrical machine, wherein the rotor has a rotor body, wherein ferromagnetic carrier elements are arranged on the circumference of the rotor body, wherein a permanent magnet is arranged on that side of the carrier elements which is averted from the circumference of the rotor body, wherein that side of the carrier elements which faces the circumference of the rotor body has at least one recess and/or that side of the carrier elements which is averted from the circumference of the rotor body has a recess. The invention provides a rotor for an electrical machine, in which the permanent magnets are reliably held on the rotor body of the rotor.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.632/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HYDRAULIC DEVICE FOR CONTROLLING BRAKING IN VEHICLES WITH TWO BRAKING PEDALS

(51) International classification :B60T8/44,B60T11/20,B60T13/12
(31) Priority Document No :TO2010A000758
(32) Priority Date :16/09/2010
(33) Name of priority country:Italy
(86) International Application No :PCT/IB2011/054011
Filing Date :14/09/2011
(87) International Publication No :WO 2012/035498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)VHIT S.P.A.

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(72)Name of Inventor :

1)CADEDDU, Leonardo

(57) Abstract :

A device for controlling braking in vehicles with two braking pedals (PS,PD), such as farm tractors, earthmovers and the like, comprises a body (30) in which there are formed: a pair of master cylinders (12S,12D) with an associated brake booster (13S,13D); a duct (18) for balancing braking of the rear wheels; seats (4,5,6) for a pair of balancing valves (14), a trailer brake valve (15) and a valve (16) for disabling braking of the front wheels; as well as passages (36,46,47,62,72) for transmitting a control pressure from the master cylinders to the valves and from the valves to outlets from the device (1) connected to the braking systems of the wheels of the vehicle and of a trailer, if any.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2013

(21) Application No.633/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS AND PROCEDURES FOR ENSURING RELIABLE POSITIONING DURING HANDOVER

(51) International classification	:H04W64/00
(31) Priority Document No	:61/374,037
(32) Priority Date	:16/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2011/050725
Filing Date	:13/06/2011
(87) International Publication No	:WO 2012/023893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

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(72)Name of Inventor :

1)CUI, Tao

2)KAZMI, Muhammad

3)SIOMINA, Iana

(57) Abstract :

Embodiments herein relate to a method in a user equipment (10) for enabling positioning of the user equipment (10) in a radio communications network. The user equipment (10) is served in a first cell controlled by a radio network node (12), which user equipment (10) knows or can obtain a system frame number of at least one cell, and a positioning node (15) and the radio network node (12) are comprised in the radio communications network. The user equipment (10) receives, from the positioning node (15), a message comprising positioning assistance data, which positioning assistance data comprises information associated with the at least one cell for which the system frame number is known or can be obtained by the user equipment (10). The user equipment (10) also performs a positioning measurement using the positioning assistance data and the system frame number of the at least one cell to enable positioning of the user equipment (10).

No. of Pages : 47 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR INTERCUTTING ADVERTISEMENTS

(51) International classification	:H04N21/2668
(31) Priority Document No	:201010282724.1
(32) Priority Date	:10/09/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/075234
Filing Date	:01/01/1900
(87) International Publication No	:WO 2011/147344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)ZHAO, Yongxiang

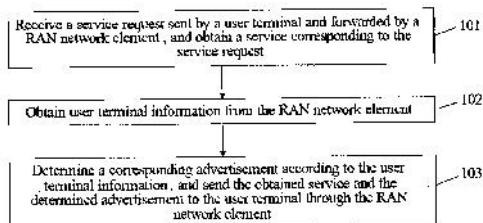
2)WANG, Jingyu

3)AI, Wei

4)WANG, Yan

(57) Abstract :

A method, apparatus and system for inserting advertisements are disclosed in the embodiments of the present invention. The embodiments of the present invention relate to the communication field , and can insert a corresponding advertisement according to information of a user terminal, thus enhancing the validity of the advertisement inserting and the user experience. The method of the present invention includes the steps of: receiving a service request sent from a user terminal and forwarded via a network element of a wireless access network, and obtaining a service corresponding to the service request; obtaining user terminal information from the network element of the wireless access network; determining a corresponding advertisement according to the user terminal information, and transmitting the determined advertisement and the obtained service to the user terminal via the network element of the wireless access network. The embodiments of the present invention are principally used in the process of the precise advertisement inserting.



No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : HYDROGEN GENERATION BY MEANS OF HYDROGENATED POLYSILANES FOR OPERATING FUEL CELLS

(51) International classification	:H01M 8/06
(31) Priority Document No	:102010032075.7
(32) Priority Date	:23/07/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/062466
Filing Date	:20/07/2011
(87) International Publication No	:WO 2012/010639
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)STEINWANDEL Juergen

2)GODULA-JOPEK Agata

3)WOLFF Christian

4)BAUCH Christian

5)DELTSCHEW Rumen

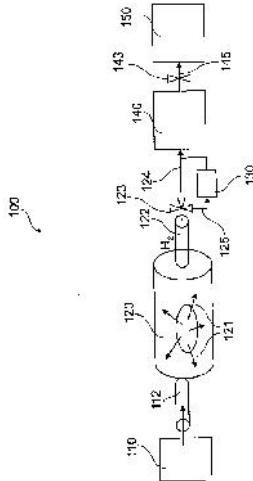
6)HOLL Sven

7)LIPPOLD Gerd

8)MOHSSENI Javad

(57) Abstract :

The invention relates to the generation of hydrogen for operating fuel cells in aircraft, wherein hydrogen is generated by reacting hydrogenated polysilanes (HPS) with water in a reaction chamber. The reaction chamber comprises a feed device and a discharge device. Hydrogenated polysilanes are higher silanes that are safe to handle and are particularly suitable for use as hydrogen carriers in aircraft. In addition, HPS can be used to produce very pure hydrogen, wherein the hydrogen can be conducted via the discharge device directly, without an intermediate step, into a fuel cell, for example into a polymer electrolyte membrane fuel cell. In order to expedite the hydrolysis in the reaction chamber, the reaction can take place in alkaline medium and/or in the presence of catalysts.



No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2013

(21) Application No.355/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR EVALUATING THERMAL PLASTICITY OF COALS AND CAKING ADDITIVES,AND METHOD FOR PRODUCING COKE

(51) International classification :G01N11/00,C10B45/00,C10B57/04
(31) Priority Document No :PCT/JP2010/065351
(32) Priority Date :01/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070316
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)YUSUKE DOHI

2)IZUMI SHIMOYAMA

3)KIYOSHI FUKADA

4)TETSUYA YAMAMOTO

5)HIROYUKI SUMI

(57) Abstract :

Provided are a method for evaluating the thermal plasticities of coal and a caking additive, which enables more accurate evaluation of the thermal plasticities of the coal and the caking additive using a simple and easy method by measuring the thermal plasticities of the coal and the caking additive in the state that simulates the environment around coal and a caking additive that are softened and melted in a coke furnace, and a method for producing coke using the measured values thereof. A method for evaluating the thermal plasticities of coal and a caking additive, comprising: filling coal or a caking additive into a container to create a sample (1); disposing a material (2) having a through-hole through the top and bottom surfaces thereof on the sample (1); heating the sample (1) at a predetermined heating rate while the sample (1) and the material (2) having the through-hole through the top and bottom surfaces thereof maintain constant volumes or a constant load is applied; measuring the penetration distance of the melted sample which has penetrated into the through-hole; and evaluating the thermal plasticity of the sample using the measured value is used. Alternatively, the sample (1) is heated at a predetermined heating rate while the sample (1) and the material (2) having a through-hole through the top and bottom surfaces thereof maintain constant volumes, the pressure of the sample transmitted through the material (2) having the through-hole through the top and bottom surfaces thereof is measured, and the thermal plasticity of the sample is evaluated using the measured value.

No. of Pages : 88 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : MEASUREMENT APPARATUS

(51) International classification	:G01N33/49,G01N21/17
(31) Priority Document No	:10-2010-0088963
(32) Priority Date	:10/09/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/006592
Filing Date	:07/09/2011
(87) International Publication No	:WO 2012/033330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CERAGEM MEDISYS INC.

Address of Applicant :3-2 Jeongchon-ri, Seonggeo-eupSeobuk-gu, Cheonan-si Chungcheongnam-do 331-833 REPUBLIC OF KOREA

(72)Name of Inventor :

1)YOON, Young Il

2)LEE, Jin Woo

3)CHOI, Jae Kyu

(57) Abstract :

The present invention relates to an optical measurement apparatus, comprising: a tray which is pulled to the outside through an opening unit formed at the side of a body, which is pushed into the body, and which has a cartridge disposed therein into which a sample is injected; a cartridge-fixing unit fixing the cartridge in the tray having same and being pushed; an optical unit illuminating a sample in the fixed cartridge and receiving light from the sample; and a control unit measuring the sample using the illuminating light and the receiving light from the optical unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.706/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ALUMINUM POWDER METAL ALLOYING METHOD

(51) International classification	:B22F1/00
(31) Priority Document No	:61/389,512
(32) Priority Date	:04/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/054741
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/047868
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GKN SINTER METALS, LLC

Address of Applicant :3300 University Drive, Auburn Hills, MI 48326-2362 U.S.A.

(72)Name of Inventor :

1)BISHOP, Donald, Paul

2)HEXEMER, Richard, L., Jr.

3)DONALDSON, Ian, W.

4)COOKE, Randy, William

(57) Abstract :

A zirconium-doped aluminum powder metal and a method of making this powder metal are disclosed. The method of making includes forming an aluminum- zirconium melt in which a zirconium content of the aluminum-zirconium melt is less than 2.0 percent by weight. The aluminum- zirconium melt then powdered to form a zirconium-doped aluminum powder metal. The powderization may occur by, for example, air atomization.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.679/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COLD-ROLLED STEEL SHEET

(51) International classification :B32B15/08,C09D7/12,C10M103/06
(31) Priority Document No :2010-217990
(32) Priority Date :29/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071956
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 1000011 Japan

(72)Name of Inventor :

1)HOSHINO, Katsuya

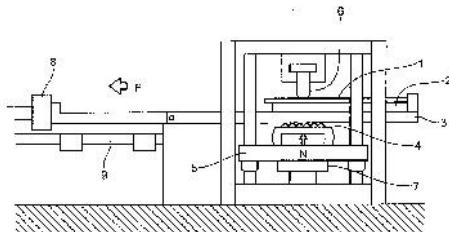
2)OOTSUKA, Shinji

3)YANO, Takayoshi

4)MIYOSHI, Tatsuya

(57) Abstract :

A cold-rolled steel sheet highly suited to press molding, the surface of said cold-rolled steel sheet having an organic-inorganic composite coating that contains an organic resin and a layered crystalline substance. Said organic- inorganic composite coating has an average thickness of 0.10 to 2.0 μm and contains, in terms of solid content, at least 0.5 weight parts of the layered crystalline substance per 100 weight parts of the organic resin. The layered crystalline substance is preferably, for example, a layered double hydroxide represented by $[M^{2+}_1-XM^{3+}_3+X(OH)_2][An^{-}]_x/n.zH_2O$, where M^{2+} represents at least one of Mg^{2+} , Ca^{2+} , Fe^{2+} , Ni^{2+} , and Zn^{2+} ; M^{3+} represents at least one of Al^{3+} , Fe^{3+} , and Cr^{3+} ; and An^{-} represents at least one of OH^- , CO_3^{2-} , Cl^- , and $(SO_4)^{2-}$.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.680/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOVEMENT ASSISTANCE DEVICE

(51) International classification	:A61F5/01,A61H3/00,B25J9/00	(71) Name of Applicant : 1)VANDERBILT UNIVERSITY Address of Applicant :305 Kirkland Hall, Nashville, TN 37240 U.S.A.
(31) Priority Document No	:61/386,625	
(32) Priority Date	:27/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/053501	(72) Name of Inventor :
Filing Date	:27/09/2011	1)FARRIS, Ryan, J.
(87) International Publication No	:WO 2012/044621	2)QUINTERO, Hugo, A.
(61) Patent of Addition to Application Number	:NA	3)GOLDFARB, Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A apparatus includes an exoskeleton system with a plurality of sensors for generating signals indicating a current motion and a current arrangement of at least the exoskeleton system, a hip segment, and at least one lower limb. The lower limb includes thigh and shank segments for coupling to a lateral surface of a user's leg. The thigh segment includes a first powered joint coupling the thigh segment to the hip segment, a second powered joint coupling the high segment to the shank segment, and a controller coupled to the sensors, the first powered joint, and the second powered joint. The controller is configured for determining a current state of the exoskeleton system and a current intent of the user based on the signals and generating control signals for the first and second powered joints based on the current state and the current intent.

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.723/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INFORMATION COMMUNICATION DEVICE AND INFORMATION COMMUNICATION METHOD

(51) International classification	:H04B1/74,H02J3/00	(71) Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan
(31) Priority Document No	:2010-206704	
(32) Priority Date	:15/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/006868	(72) Name of Inventor :
Filing Date	:25/11/2010	1)YAMAGUCHI Yoshihiro
(87) International Publication No	:WO 2012/035592	2)YANO Ryo
(61) Patent of Addition to Application Number	:NA	3)MORI Keiko
Filing Date	:NA	4)YAMADA Mitsukage
(62) Divisional to Application Number	:NA	5)OGINO Michiyo
Filing Date	:NA	6)OGITA Yoshihiro

(57) Abstract :

The purpose is to make response in such areas as evacuation notification, aid, and recovery smoother, by securing an alternate communication network and emergency power sources such as households for supplementing in the interim, in the event that a power network and a communication network in a stricken area are isolated from the area system during a disaster. An information communication device is provided with a monitoring unit, a communication unit, a recording unit, a switching unit, an acquisition unit, a creation unit, and a transmission unit. In the event that the monitoring unit detects trouble in the basic network, the switching unit switches the communication function of the communication unit from a first communication function to a second communication function. In the event that the monitoring unit detects trouble in the basic network, the creation unit creates notification information about the trouble in the basic network. The transmission unit transmits the created notification information via the switched to communication function to a contact retrieved from the recording unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ADHESIVE COATING DEVICE ACCORDING TO ABSORBENT ARTICLE AND ADHESIVE COATING METHOD

(51) International classification	:B05C5/04,A61F13/15,A61F13/49
(31) Priority Document No	:2010-217612
(32) Priority Date	:28/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071968
Filing Date	:27/09/2011
(87) International Publication No	:WO 2012/043519
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

Address of Applicant :182, Kinseichoshimobun,
Shikokuchuo-shi, Ehime 7990111 Japan

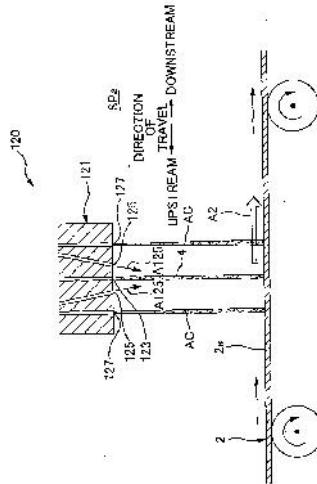
(72)Name of Inventor :

1)TSUKUDA, Atsushi

2)HASHIMOTO, Hiromitsu

(57) Abstract :

Provided is an adhesive coating device which causes air discharged from an air discharge hole (25) of a head (21) to act on an adhesive discharged from an adhesive discharge hole (23) of the head (21), thereby coating one surface of a traveling continuous sheet (2) therewith has a first air curtain forming member (41) that forms a first air curtain (AC1) and is disposed on a downstream side position of the head (21) in the traveling direction of the continuous sheet (2) with the first air curtain forming member (41) opposed to the head (21) with a gap and a pair of second air curtain forming members (412) that forms a second air curtain (AC2) and is disposed on outer side positions of the head (21) in the width direction of the continuous sheet (2) with the pair of the second air curtain forming members (412) opposed to the head (21) with a gap. With this structure it is possible to suppress the adhesive from scattering to a surrounding space of the head (21).



No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWITCHING CONTACTOR

(51) International classification	:H01H9/36	(71) Name of Applicant : 1)JOHNSON ELECTRIC INTERNATIONAL (UK) LIMITED Address of Applicant :UNIT 5, WOODSTOCK WAY BOLDON BUSINESS PARK BOLDON, TYNE AND WEAR NE35 9PF U.K.
(31) Priority Document No	:1200331.5	
(32) Priority Date	:09/01/2012	
(33) Name of priority country	:U.K.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CONNELL RICHARD ANTHONY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching electrical power contactor having a bi-blade type switch, has ferrous plates attached to the blades to increase the current carrying capacity and reduce the resistance of the switch. The contacts of the switches are arranged in pairs with at least one pair of contacts being arranged to close before another pair of contacts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.260/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ANODE FOR CATHODIC PROTECTION AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C23F13/10,B21D31/04
(31) Priority Document No	:MI 2010 A 001689
(32) Priority Date	:17/09/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/066021
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/035107
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INDUSTRIE DE NORA S.p.A.

Address of Applicant :Via Bistolfi, 35, I-20134 Milan,
ITALY

(72)Name of Inventor :

1)MOJANA, Corrado

2)TREMOLADA, Simone

(57) Abstract :

It is described a metal anode for cathodic protection in form of mesh ribbon having meshes whose holes are of rhomboidal shape, characterised by having such holes of rhomboidal shape arranged with the major diagonal oriented along the direction of the ribbon length and by the fact that the side edges along the ribbon length are free from cutting protrusions. It is also described a method for obtaining such anode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.32/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SMOKE OR FIRE PROTECTION DEVICE

(51) International classification	:A62C2/10	(71) Name of Applicant : 1)STÖBICH BRANDSCHUTZ GMBH Address of Applicant :PRACHERSTIEG 6, 38644
(31) Priority Document No	:61/584,883	GOSLAR, GERMANY
(32) Priority Date	:10/01/2012	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)JOCHEN STÖBICH
(86) International Application No	:NA	2)STEFAN SILLER
Filing Date	:NA	3)FRANK KRÜGER
(87) International Publication No	: NA	4)ROBERT KNEIN-LINZ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A smoke or fire protection device to seal an opening (12) comprising a flexible protection element (16) that can be put in a protection arrangement in which the protection element (16) counteracts the spread of smoke and/or fire through the opening (12), and can be put in a storage arrangement in which the opening (12) is unsealed, the protection element (16) comprises a knitted fabric.

No. of Pages : 71 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.639/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

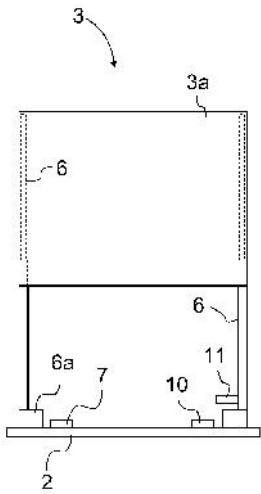
(43) Publication Date : 12/07/2013

(54) Title of the invention : TIDAL ADJUSTMENT ARRANGEMENT FOR A WAVE ENERGY RECOVERY SYSTEM

(51) International classification	:F03B13/18,F03B15/00	(71) Name of Applicant : 1) AW-ENERGY OY Address of Applicant :Kolamiilunkuja 6, FI-01730 Vantaa Finland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/FI2010/050652	(72) Name of Inventor :
Filing Date	:18/08/2010	1) JÄRVINEN, Arvo
(87) International Publication No	:WO 2012/022824	2) KOIVUSAARI, Rauno
(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 tidal adjustment arrangement for a wave energy recovery system comprising at least a body (2), a wing (3a) hinged at its lower edge onto the body (2) to make a reciprocating motion in response to kinetic energy of waves or tidal currents and a power- take-off (PTO) means (3b). The arrangement comprises at least a support means (6) capable to change the vertical position of the wing (3a).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONTINUOUS-FLOW STEAM GENERATOR WITH INTEGRATED INTERMEDIATE SUPERHEATER

(51) International classification	:F22B1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 041 903.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:04/10/2010	Address of Applicant :Wittelsbacherplatz 2, 80333
(33) Name of priority country	:Germany	München, GERMANY
(86) International Application No	:PCT/EP2011/066966	(72)Name of Inventor :
Filing Date	:29/09/2011	1)BRÜCKNER Jan
(87) International Publication No	:WO 2012/045650	2)FRANKE Joachim
(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 continuous flow steam generator (19) having a tank (20) comprising a heat transfer medium inlet (21) and a heat transfer medium outlet (22), wherein a heat transfer medium channel (23) is formed between the heat transfer medium inlet (21) and the heat transfer medium outlet (22), and a heat transfer medium flows in said channel, having steam generator tubes (24) disposed in the heat transfer medium channel (23), wherein a first portion (25) of the steam generator tubes (24) are designed as a system of superheater (26) and re heater (27) tubes, and a second portion (28) of the steam generator tubes (24) is designed as a system of preheating (29) and boiler tubes (30), and the first portion (25) is disposed upstream of the second portion (28) in the flow direction of the heat transfer medium. The invention further relates to a steam generator device (34) having a continuous flow steam generator (19) and a water separation system (33). The invention further relates to a solar thermal power plant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.722/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SPRING-ACTIVATED OPTICAL PRESSURE DISPLAY DEVICE

(51) International classification	:G01L7/16,G01L19/12,H01H35/34	(71)Name of Applicant : 1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH Address of Applicant :Moosacher Str. 80, 80809 München, GERMANY
(31) Priority Document No	:10 2010 045 564.4	
(32) Priority Date	:16/09/2010	
(33) Name of priority country	:Germany	(72)Name of Inventor : 1)KNOSS, Rainer 2)LOUCA, Sebastian
(86) International Application No	:PCT/EP2011/065578	
Filing Date	:08/09/2011	
(87) International Publication No	:WO 2012/034927	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an optical pressure display device with a pointer (3) which is movable mechanically along a display path and can be adjusted according to a control pressure (p), which is applied via a pressure connection (2), to the display of absolute pressure in such a manner that a slow change in pressure brings about an at least partially smooth change in position of the pointer (3), wherein, for the smooth change in position of the pointer (3), a spring-prestressed snap-in mechanism is provided, the snap-in mechanism comprising an adjusting piston (4) which, when a triggering position produced by the control pressure action is reached, brings an actuating means, which is coupled to the pointer (3), to the smooth change in position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.681/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SPIN FORMING PROCESS AND APPARATUS FOR MANUFACTURING ARTICLES BY SPIN FORMING

(51) International classification	:B21D22/16
(31) Priority Document No	:1016611.4
(32) Priority Date	:01/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001424
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/042221
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAMBRIDGE ENTERPRISE LIMITED

Address of Applicant :The Old Schools, Trinity Lane,
Cambridge, CB2 1TN U.K.

(72)Name of Inventor :

1)ALLWOOD, Julian, M.

2)MUSIC, Omer

(57) Abstract :

A spin forming process and apparatus is disclosed. A workpiece (e.g. sheet metal) is rotated with respect to a forming roller which bears against one of the outer and inner surfaces of the workpiece to deform the workpiece towards a required shape. First and second support rollers bears against the opposite surface of the workpiece. Computer control of the positions of the forming roller and the first and second support rollers allow non-axisymmetric shapes to be manufactured by spin-forming.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.682/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

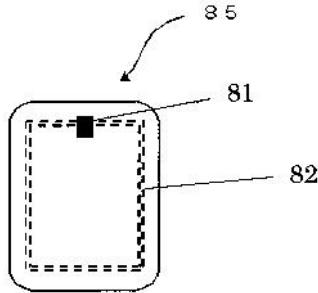
(54) Title of the invention : REVERSIBLE THERMOSENSITIVE RECORDING MEDIUM AND REVERSIBLE THERMOSENSITIVE RECORDING MEMBER

(51) International classification	:B41M5/337,B41J2/32	(71)Name of Applicant :
(31) Priority Document No	:2010-194615	1)RICOH COMPANY, LTD.
(32) Priority Date	:31/08/2010	Address of Applicant :3-6, Nakamagome 1-Chome, Ohta-ku, Tokyo, 1438555 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2011/068636	1)TATEWAKI, Tadafumi
Filing Date	:11/08/2011	2)YAMAGUCHI, Koji
(87) International Publication No	:WO 2012/029546	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reversible thermosensitive recording medium including a support, a reversible thermosensitive recording layer provided on the support and an antistatic layer, wherein the antistatic layer is provided on at least one of the reversible thermosensitive recording layer and a surface of the support opposite to the surface thereof on which the reversible thermosensitive recording layer is provided, wherein the antistatic layer contains spherical fillers and a curable conductive polymer, and wherein the spherical fillers satisfy the following Expression (1): $4 \leq \frac{\text{average particle diameter of the spherical fillers}}{\text{thickness of the antistatic layer}} \leq 6$...

Expression (1)



No. of Pages : 96 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2013

(21) Application No.725/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COWL FOR HIGH-SPEED ELEVATOR CAGE

(51) International classification	:B66B11/02	(71) Name of Applicant :
(31) Priority Document No	:201010263011.0	1)CANNY ELEVATOR CO., LTD.
(32) Priority Date	:25/08/2010	Address of Applicant :No.88, (LUXU) Linhu Economic
(33) Name of priority country	:China	Development Zone Wujiang, Jiangsu 215213, China.
(86) International Application No	:PCT/CN2011/072572	(72) Name of Inventor :
Filing Date	:10/04/2011	1)WANG, Youlin
(87) International Publication No	:WO 2012/024929	2)ZHANG, Jianhong
(61) Patent of Addition to Application Number	:NA	3)YU, Cheng
Filing Date	:NA	4)ZHENG, Yao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cowl for a high-speed elevator cage, which belongs to the technical field of electric lifting devices, comprises a rectangular upper cover plate (1) from the four edges of which a front cover plate (2), a back cover plate (3), a left cover plate (4) and a right cover plate (5) are extended downwards respectively. The upper edges of the back cover plate (3), the left cover plate (4) and the right cover plate (5) are transiently connected to the upper cover plate (1) through arc segments (6) respectively, while the lower edges have outward vertical folding edges (8) respectively, and the interior side faces are fixedly connected with the arc segments (6) and the upper cover plate (1) through a set of space-arranged reinforcement plates (7) in the form of reinforced rib construction, respectively. During installation, said cowl is fixed on the top of the elevator cage. The arc segments (6) can guide air circulation and have the effects of reducing the wind resistance and protecting the cage during the high-speed movement of the elevator cage. The reinforcement plates (7) form the reinforced ribs for the back cover plate (3), the left cover plate (4), the right cover plate (5) and the arc segments (6), which can effectively prevent the cowl from being distorted during the high-speed movement of the elevator cage in the wellhole, and greatly reduce the elevator cage's interior vibration and noise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

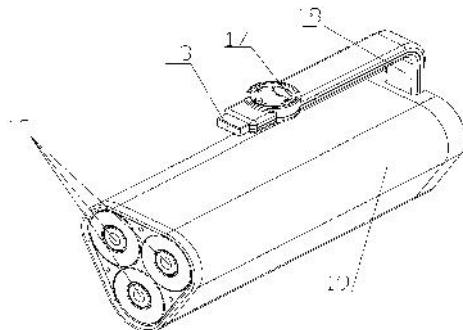
(43) Publication Date : 12/07/2013

(54) Title of the invention : HANDHELD AEROSOL FIRE EXTINGUISHING APPARATUS

(51) International classification	:A62C13/22	(71) Name of Applicant :
(31) Priority Document No	:201020534622.X	1)SHAANXI J&R FIRE FIGHTING CO., LTD.
(32) Priority Date	:16/09/2010	Address of Applicant :Qingyang International Building, Tsinghua Science Park, No. 65 Ke Ji Er Road, High-Tech Industry Development Zone, Xi'an, Shaanxi 710075, China.
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2011/079421	1)GUO, Hongbao
Filing Date	:07/09/2011	2)ZHANG, Weipeng
(87) International Publication No	:WO 2012/034488	3)MA, Chunjie
(61) Patent of Addition to Application Number	:NA	4)MA, Chenggong
Filing Date	:NA	5)YIN, Zhiping
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A handheld aerosol fire extinguishing apparatus has an outer cylinder (19), inner cylinder components, a handle, and a starting device. Each outer cylinder component (19) is equipped with at least three sets of inner cylinder components. Compared with the prior art, the present invention is advantageous in that: 1. the outer cylinder is equipped with three or more sets of inner cylinder components, so as to achieve large spraying area, high fire extinguishing performance, and safe use; and 2. the inner cylinder components are assembled to serve as one component, achieving convenient assembly and high production efficiency.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.686/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING PYROPHOSPHATE

(51) International classification	:C01B25/42,C07D251/56,C07F9/22
(31) Priority Document No	:2010-202106
(32) Priority Date	:09/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/004726
Filing Date	:25/08/2011
(87) International Publication No	:WO 2012/032728
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 1160012 Japan

(72)Name of Inventor :

1)KAMIMOTO, Tetsuo

2)KANEDA, Takayoshi

3)KINOSHITA, Hitoshi

4)NAKANO, Shinji

5)ISHII, Susumu

(57) Abstract :

The present invention is a method for producing high purity pyrophosphate characterized by burning orthophosphate under temperature conditions of 120°C-350°C, in particular, a method suitable for efficiently producing high purity melamine pyrophosphate.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR ESTABLISHING A RADIO CONNECTION IN A COMMUNICATION SYSTEM

(51) International classification	:H04W74/08,H04B7/02	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/SE2010/000230	(72) Name of Inventor :
Filing Date	:22/09/2010	1)FRENGER, PÅL
(87) International Publication No	:WO 2012/039652	2)ERIKSSON, Erik
(61) Patent of Addition to Application Number	:NA	3)GUNNARSSON, Fredrik
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention pertains in general to the field of establishment of radio connection in a communication system. More particularly the invention relates to establishing a radio connection in a communication system. By broadcasting Random Access Channel related system information, user equipments can send a RACH request and receive a set of DL demodulation reference signals associated with a DL control channel.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.729/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING PANELS AND PANEL PRODUCED ACCORDING TO THE METHOD

(51) International classification	:B44C5/04	(71) Name of Applicant : 1)FLOORING TECHNOLOGIES LTD. Address of Applicant :Portico Building, Pieta PTA 9044, Malta
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2010/005816	(72) Name of Inventor :
Filing Date	:23/09/2010	1)OLDORFF Frank
(87) International Publication No	:WO 2012/037950	2)SIEBERT Axel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing floor panels, characterized by the following steps: a) scattering glued wood fibers or wood chips to form a wood material cake, b) pressing the wood material cake at elevated temperature to form a large-format substrate plate, which is provided press-finished and has a press skin that arose during the production of the substrate plate at least on the top of the substrate plate, c) applying a base coat made of a liquid melamine-based resin to the upper face of the substrate plate, wherein the resin at least partially diffuses into the top surface layer of the substrate plate and at least partially penetrates and improves the region of the press skin, d) drying the base coat e) applying a primer to the base coat, f) drying the primer, g) applying at least one water-based paint enriched with pigments in order to produce a decoration, i) applying a seal made of at least one melamine-based resin enriched with wear-resistant particles and cellulose fibers, j) drying the seal, k) applying a base coat made of a liquid melamine-based resin to the lower face of the substrate plate, wherein the resin at least partially diffuses into the lower surface layer of the substrate plate, l) drying the base coat, m) applying a counteracting layer to the lower face of the substrate plate, n) pressing the layer structure under the effect of pressure and temperature, o) dividing the substrate plate into panels of the desired width and length, and p) attaching connecting means and locking elements to opposite side edges in order to connect and lock a plurality of panels without glue to form a floatingly laid floor composite.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : FOSSIL-FIRED STEAM GENERATOR

(51) International classification	:F01K7/22	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
(31) Priority Document No	:10 2010 041 962.1	
(32) Priority Date	:05/10/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/067125	(72) Name of Inventor :
Filing Date	:30/09/2011	1)EFFERT Martin
(87) International Publication No	:WO 2012/045677	2)THOMAS Frank
(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 fossil-fired steam generator (1) for a steam power station, having, in a plurality of pressure stages (2,4), a number of economiser evaporator and overheating surfaces (12,14,16) forming a flow path (2) and which are cross-flowed by a flow medium M. In a high pressure stage (2), an overflow line (24) is connected on the inlet side to the flow path (2) and leads to an injection valve (18) arranged in a medium pressure stage (4) of the flow path (2),on the flow medium side, upstream of a overheating surface (16). The aim of the invention is to provide a fossil-fired steam generator of said type in which the efficiency of the steam process is not effected too much. Also, an increase in the power in the short term can be possible independently from the structure of the fossil fired steam generator, without having to implement invasive structural modifications of the entire system. Also, the overflow line (24) comprises two supply lines (26,30),the first of which is connected upstream, on the flow medium side, of a high pressure preheater (10) and the second is connected downstream, on the flow medium side, of the high pressure preheater (10).

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.173/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HOUSING FOR ELECTRICAL CONNECTION BETWEEN A FOIL CONDUCTOR AND A CONDUCTOR

(51) International classification	:H01R 13/56
(31) Priority Document No	:10172257.7
(32) Priority Date	:09/08/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/062504
Filing Date	:21/07/2011
(87) International Publication No	:WO 2012/019893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18,avenue d'Alsace, 92400
Courbevoie, France

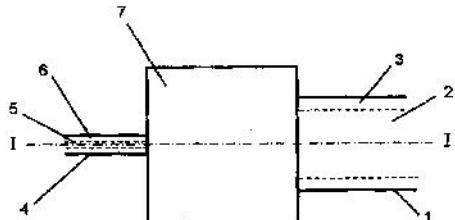
(72)Name of Inventor :

1)REUL Bernhard

2)SCHLARB Andreas

(57) Abstract :

The present invention relates to a housing (7) with an electrical connection between a conductor (4) and a foil conductor (1), wherein the entry opening (8) of the housing (7) for the foil conductor (1) is rounded on its entry edges (9, 9) on at least one side such that the entry opening (8) expands increasingly outward.



No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.272/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : COST-EFFECTIVE TUNABLE PRECLEANER

(51) International classification	:B01D45/12,B01D45/14
(31) Priority Document No	:61/452,667
(32) Priority Date	:15/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057732
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/125187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CUMMINS FILTRATION IP, INC.

Address of Applicant :1400-73rd Avenue NE, Minneapolis, MN 55432, U.S.A.

(72)Name of Inventor :

1)Kenneth M. TOFSLAND

2)Stephen L. FALLON

(57) Abstract :

An inertial separation air precleaner system includes a replaceable insert removably mounted to the precleaner and altering air flow velocity through the precleaner by changing flow area of the flowpath through the precleaner housing. The replaceable insert is replaceable with a different insert for the same precleaner housing, which different insert provides a different flow area through the precleaner housing, enabling a selectable precleaner efficiency vs. restriction trade-off as chosen by a user for a particular application, enabling tuning of precleaner performance by the user.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.509/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETERMINING FREQUENCY

(51) International classification	:G01R23/10	(71) Name of Applicant : 1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant :FLACHSMARKSTRASSE 8-28, 32825 BLOMBERG,GERMANY
(31) Priority Document No	:10 2010 046 880.0	
(32) Priority Date	:29/09/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/004820	
Filing Date	:27/09/2011	
(87) International Publication No	:WO 2012/041481	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method for determining a frequency of an input signal (IN) a first count (N1) is determined by counting clock pulse edges of a reference clock signal (CLK), whilst the input signal (IN) corresponds to a first level value (L1). Furthermore a second count (N2) is determined by counting clock pulse edges of the reference clock signal (CLK), whilst the input signal (IN) corresponds to a second level value (L2). The frequency of the input signal (IN) is determined on the basis of the first and the second counts (N1,N2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : MONOCLONAL ANTIBODY SPECIFIC TO MAJOR NEUTRALIZING EPITOPE OF INFLUENZA H5 HEMAGGLUTININ

(51) International classification	:C07K16/10,A61P31/16,A61K39/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SG2010/000306
Filing Date	:23/08/2010
(87) International Publication No	:WO 2012/026878
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TEMASEK LIFE SCIENCES LABORATORY LIMITED

Address of Applicant :1 Research Link, National University of Singapore, 117604 Singapore

(72)Name of Inventor :

1)MOOKKAN, Prabakaran
2)HE, Fang
3)KWANG, Hwei-Sing Jimmy

(57) Abstract :

The present invention relates to the murine monoclonal antibody 4C2 or to chimeric or humanized monoclonal antibodies specific to a major neutralizing epitope of influenza H5 hemagglutinin and active fragments thereof. The present invention also relates to methods and compositions for the prophylaxis and treatment of H5N1 influenza using such murine or chimeric or humanized monoclonal antibodies or fragments thereof.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.699/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : VEHICLE SEAT AND STIFFNESS SETTING METHOD FOR VEHICLE SEAT

(51) International classification :B60N2/20,A47C7/02,A47C7/46
(31) Priority Document No :2010-223340
(32) Priority Date :01/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072591
Filing Date :30/09/2011
(87) International Publication No :WO 2012/043807
Application Number :NA
Filing Date :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)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor :

1)OSHIMA Rumiko
2)ISHIWATA Shigeki
3)EGAMI Masahiro
4)HIRAO Akinari
5)TAKAMATSU Atsushi
6)NAGANO Takayoshi
7)ITO Mitsuhiro

(57) Abstract :

Provided is a vehicle seat (1) which is provided with a seat cushion (2) and a seat back (3), the seat cushion (2) being provided with a low stiffness area (PSc) in the front part thereof, which is more flexible than the rear part thereof which is a high stiffness area (PHc), and a stiffness distribution in a forward and backward direction being imparted to the seat cushion (2).

No. of Pages : 137 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.742/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS FOR CONCOMITANT TREATMENT OF THEOPHYLLINE AND FEBUXOSTAT

(51) International classification	:A61K31/415,A61K31/426,A61K45/06
(31) Priority Document No	:61/381,482
(32) Priority Date	:10/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/050870
Filing Date	:08/09/2011
(87) International Publication No	:WO 2012/033941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

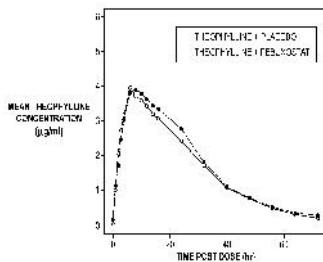
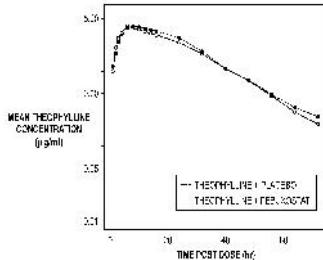
1)TAKEDA PHARMACEUTICALS U.S.A., INC.
Address of Applicant :One Takeda Parkway, Deerfield,
Illinois 60015 U.S.A.

(72)Name of Inventor :

1)GUNAWARDHANA, Lhanoo
2)NAIK, Himanshu
3)TSAI, Max

(57) Abstract :

The present disclosure relates to a method of treating hyperuricemia in a patient that also suffers from a second disease state requiring treatment with theophylline, wherein the patient receives concomitant treatment with a xanthine oxidoreductase inhibitor and theophylline without resulting in theophylline toxicity to the patient and without substantial adjustments to the manufacturer's recommended dosage of theophylline.



No. of Pages : 43 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.691/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING METALLURGICAL COKE

(51) International classification	:C10B57/04,C10B57/08
(31) Priority Document No	:2010-195619
(32) Priority Date	:01/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/070319
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/029987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011 Japan

(72)Name of Inventor :

1)Yusuke DOHI

2)Izumi SHIMOYAMA

3)Kiyoji FUKADA

4)Tetsuya YAMAMOTO

5)Hiroyuki SUMI

(57) Abstract :

Provided is a metallurgical coke production method which uses mixed coal to produce metallurgical coke having higher quality than in the past in terms of strength etc. as a result of accurately evaluating the softening/melting characteristics of coal used in the mixed coal by measuring the softening/melting characteristics of the coal in a simulation of the environment around the coal that has been softened and melted in a coke furnace. A method for producing coke by carbonizing mixed coal formed by mixing at least two types of coal and a caking additive, wherein the metallurgical coke production method is characterized in that predetermined amounts of the coals and caking additive which form the mixed coal are filled as a sample in a vessel, a material having through holes in the upper and lower surfaces thereof is disposed on the sample, the sample is heated at a predetermined heating speed while a constant load is applied to the material having through holes in the upper and lower surfaces thereof, the penetration depth of the sample that has penetrated the through holes is measured in advance, and the coals and caking additive which have a penetration depth that is higher than a predetermined control value are mixed at a particle size that is finer than a predetermined particle size.

No. of Pages : 74 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.692/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : LAMINATED LAYER STRUCTURE FOR PRODUCING AN INSULATION MATERIAL

(51) International classification :H01B3/47,B32B5/28,B32B27/36
(31) Priority Document No :10178748.9
(32) Priority Date :23/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003755
Filing Date :27/07/2011
(87) International Publication No :WO 2012/037998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

Address of Applicant :Affolternstrasse 44, CH-8050 Zürich,
Switzerland

(72)Name of Inventor :

1)Jörg NELGES

(57) Abstract :

The invention relates to a layer structure (10, 30) for producing a planar insulation laminate, comprising the following sequence of planar individual layers arranged one on the other: a B-stage resin (12, 34), a glass fabric (14, 36), a core layer made of polyester film (38, 16a+16b), a glass fabric (18, 40), and a B-stage resin (42, 20). In the hardened state, an insulation material produced therefrom is suitable, for example, to be used as an insulation barrier between a low-voltage winding and a high-voltage winding of a transformer winding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS AND APPARATUS FOR ENABLING INTERFERENCE COORDINATION IN HETEROGENEOUS NETWORKS

(51) International classification	:H04B7/26,H04W16/14	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 443-742, REPUBLIC OF KOREA
(31) Priority Document No	:61/389,610	
(32) Priority Date	:04/10/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2011/007327	(72) Name of Inventor :
Filing Date	:04/10/2011	1)Lingjia LIU
(87) International Publication No	:WO 2012/046997	2)Guowang MIAO
(61) Patent of Addition to Application Number	:NA	3)Jianzhong ZHANG
Filing Date	:NA	4)Ying LI
(62) Divisional to Application Number	:NA	5)Young-Han NAM
Filing Date	:NA	

(57) Abstract :

For use in a heterogeneous network, a method for enabling interference coordination includes, upon occurrence of a trigger condition, determining, at a first low power node, that the first low power node is approaching a second low power node. The method also includes sending, at the first low power node, an entering message to an evolved Node-B (eNB) that serves the first low power node. The method further includes receiving, at the first low power node, configuration information from the eNB to perform at least one measurement of the second low power node.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ADJUSTABLE GUIDE RAIL BRACKET FOR ELEVATOR

(51) International classification	:B66B7/02	(71) Name of Applicant :
(31) Priority Document No	:201010263016.3	1)CANNY ELEVATOR CO., LTD.
(32) Priority Date	:25/08/2010	Address of Applicant :No.88, (LUXU) Linhu Economic
(33) Name of priority country	:China	Development Zone Wujiang, Jiangsu 215213 China
(86) International Application No	:PCT/CN2011/072575	(72) Name of Inventor :
Filing Date	:10/04/2011	1)WANG, Youlin
(87) International Publication No	:WO 2012/024932	2)ZHANG, Jianhong
(61) Patent of Addition to Application Number	:NA	3)YU, Cheng
Filing Date	:NA	4)ZHUO, Fangfang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adjustable guide rail bracket for an elevator is disclosed, which includes a fixed bracket (1), an adjustable bracket (2) and a guide rail pressing board (3). The fixed bracket comprises a left angle iron shaped bracket (1-1) and a right angle iron shaped bracket (1-1). The angle iron shaped main body of the adjustable bracket bends and extends to form a first supporting beam (2-1) and a second supporting beam (2-2), thus forming a trilateral-trapezoidal structure. The left and right angle iron shaped brackets of the fixed bracket, the main body part of the adjustable bracket and the first and second supporting beams of the adjustable bracket are provided with a horizontal supporting surface and a vertical supporting surface respectively. The vertical supporting surfaces of the left and right angle iron shaped brackets have fastening connecting piece punch holes respectively and the vertical supporting surface of the main body section of the adjustable bracket has left and right guide rail pressing board mounting holes. The horizontal supporting surfaces of the left and right angle iron shaped brackets and the horizontal supporting surfaces of the first and second supporting beams are adjustably and fixedly connected with each other. The guide rail bracket is convenient to mount and saves materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.697/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : APPARATUS AND METHOD FOR COOLING A SUPER CONDUCTING MACHINE

(51) International classification	:H01F6/04,H02K55/04,F28D15/02	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
(31) Priority Document No	:10 2010 041 194.9	
(32) Priority Date	:22/09/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)FRANK, Michael 2)VAN HASSELT, Peter
(86) International Application No	:PCT/EP2011/066167	
Filing Date	:19/09/2011	
(87) International Publication No	:WO 2012/038357	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus and a method for cooling a super conducting machine (2), in which apparatus and method at least two condenser areas (18, 18, 18) each make thermal contact with a cold head (16, 16, 16), and in which the at least two condenser areas (18, 18, 18) each have a connecting line (20, 20, 20), via which the at least two condenser areas (18, 18, 18) are connected fluidically to an evaporator area (12). A liquid cooling fluid k can be moved or pumped from at least one condenser area (18, 18, 18) into the evaporator area (12) by means of a temperature difference, and a pressure difference associated therewith, in the at least two condenser areas (18, 18, 18).

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2013

(21) Application No.698/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SUBSTITUTED PYRAZOLO-QUINAZOLINE DERIVATIVES KINASE INHIBITORS

(51) International classification	:C07D487/04,A61K31/519,A61P35/00
(31) Priority Document No	:10195675.3
(32) Priority Date	:17/12/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2011/055743 :16/12/2011
(87) International Publication No	:WO 2012/080990
(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)NERVIANO MEDICAL SCIENCES S.R.L.

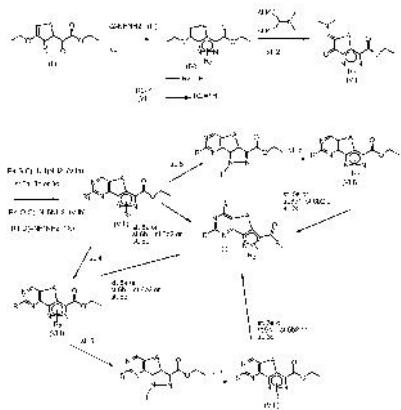
Address of Applicant :Viale Pasteur, 10, Casella Postale N.
11, I-20014 Nerviano, ITALY

(72)Name of Inventor :

- 1)CASUSCELLI, Francesco
- 2)PIUTTI, Claudia
- 3)ERMOLI, Antonella
- 4)FAIARDI, Daniela

(57) Abstract :

The present invention relates to substituted pyrazolo[4,3-/h]quinazoline compounds which modulate the activity of protein kinases and are therefore useful in treating diseases caused by dysregulated protein kinase activity, in particular PIM kinases. The present invention also provides methods for preparing these compounds, pharmaceutical compositions comprising these compounds, and methods of treating diseases utilizing such these compounds or the pharmaceutical compositions containing them.



No. of Pages : 151 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : MULTI-PORTED MEMORY CONTROLLER WITH PORTS ASSOCIATED WITH TRAFFIC CLASSES

(51) International classification	:G06F13/00
(31) Priority Document No	:12/883,848
(32) Priority Date	:16/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/049940
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/036905
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	: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)BISWAS, Sukalpa

2)CHEN, Hao

3)WADHAWAN, Ruchi

(57) Abstract :

In an embodiment,a memory controller includes multiple ports. Each port may be dedicated to a different type of traffic. In an embodiment quality of service (QoS) parameters may be defined for the traffic types, and different traffic types may have different QoS parameter definitions. The memory controller may be configured to scheduled operations received on the different ports based on the QoS parameters. In an embodiment, the memory controller may support upgrade of the QoS parameters, when subsequent operations are received that have higher QoS parameters, via sideband request, and/or via aging of operations. In an embodiment the memory controller is configured to reduce emphasis on QoS parameters and increase emphasis on memory bandwidth optimization as operations flow through the memory controller pipeline.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2013

(21) Application No.737/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMMUNOGENIC COMPOSITIONS

(51) International classification :A61K39/385,A61P31/04
(31) Priority Document No :61/383,668
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/054069
 Filing Date :16/09/2011
(87) International Publication No :WO 2012/035519
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number:NA
 Filing Date :NA

(71)**Name of Applicant :**

1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel
Switzerland

(72)**Name of Inventor :**

1)BERTI, Francesco

2)CONTORNI, Mario

3)COSTANTINO, Paolo

4)FINCO, Oretta

5)GRANDI, Guido

6)MAIONE, Domenico

7)TELFORD, John

(57) Abstract :

The invention provides an immunogenic composition comprising: a) a conjugate that is a capsular saccharide from GBS serotype Ia conjugated to a carrier protein; b) a conjugate that is a capsular saccharide from GBS serotype Ib conjugated to a carrier protein; and c) a conjugate that is a capsular saccharide from GBS serotype III conjugated to a carrier protein. The invention also provides a method for immunising a patient against infection by GBS comprising the step of administering to the patient a conjugate that is a capsular saccharide from GBS conjugated to a diphtheria toxoid or derivative thereof, wherein the patient has been pre-immunised with a diphtheria toxoid or derivative thereof.

No. of Pages : 89 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2013

(21) Application No.738/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRANPOSE BOXES FOR NETWORK INTERCONNECTION

(51) International classification	:G06F15/16	(71) Name of Applicant :
(31) Priority Document No	:12/888,176	1)AMAZON TECHNOLOGIES, INC. Address of Applicant :P.O. Box 8102, Reno, Nevada 89507
(32) Priority Date	:22/09/2010	U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/052409	1)MARR, Michael David 2)JUDGE, Alan M. 3)BRAR, Jagwinder Singh 4)LAMOREAUX, Tyson J. 5)KELLY, Mark N. 6)COHN, Daniel T.
Filing Date	:20/09/2011	
(87) International Publication No	:WO 2012/040237	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The deployment and scaling of a network of electronic devices can be improved by utilizing one or more network transpose boxes. Each transpose box can include a number of connectors and a meshing useful for implementing a specific network topology. When connecting devices of different tiers in the network, each device need only be connected to at least one of the connectors on the transpose box. The meshing of the transpose box can cause each device to be connected to any or all of the devices in the other tier as dictated by the network topology. When changing network topologies or scaling the network, additional devices can be added to available connectors on an existing transpose box, or new or additional transpose boxes can be deployed in order to handle the change with minimal cabling effort.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.707/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : OPTICAL FIBER TAPE MANUFACTURING METHOD, OPTICAL FIBER TAPE MANUFACTURING DEVICE IMPLEMENTING SAID MANUFACTURING METHOD, AND OPTICAL FIBER TAPE MANUFACTURED WITH SAID MANUFACTURING METHOD

(51) International classification	:G02B6/44	(71) Name of Applicant :
(31) Priority Document No	:2010-184307	1)FUJIKURA LTD.
(32) Priority Date	:19/08/2010	Address of Applicant :5-1, Kiba 1-Chome, Koto-ku, Tokyo
(33) Name of priority country	:Japan	1358512 Japan
(86) International Application No	:PCT/JP2011/068427	2)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Filing Date	:12/08/2011	
(87) International Publication No	:WO 2012/023508	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MATSUZAWA, Takashi
(62) Divisional to Application Number	:NA	2)TAKE, Yukiko
Filing Date	:NA	3)OSATO, Ken

(57) Abstract :

Provided is a method of manufacturing an optical fiber tape, an optical fiber tape manufacturing device that implements said manufacturing method, and the optical fiber tape manufactured by said manufacturing method said multicore optical fiber tape method aligning a plurality of optical fiber core cables in parallel and linking adjacent optical fiber core cables at prescribed intervals, allowing identification of subunits with ease. A plurality of optical fiber core cables (2) are sent in parallel alignment with intervals spaced therebetween. The plurality of optical fiber core cables (2) are coated with a non-cured resin. A plurality of interrupt members are moved at either the same or different periods and phases for each of arbitrary optical fiber core wires (2). The positions where the interruption of the non cured resin is carried out by the interrupt members is changed sequentially. The optical fiber core wires (2) are aligned in parallel bundled together, and the non-cured resin is cured up to sites where the optical fiber core wires (2) come in contact with one another, forming link parts (4,5) that link the optical fiber core wires together.

No. of Pages : 44 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE AND METHOD FOR POSITIONING AT LEAST ONE OF TWO CASTING ROLLS IN A CONTINUOUS CASTING PROCESS FOR PRODUCING A METAL STRIP

(51) International classification	:B22D11/06
(31) Priority Document No	:10181756.7
(32) Priority Date	:29/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/066820
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/041882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

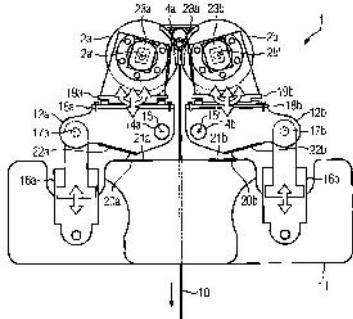
Address of Applicant :Wittelsbacherplatz 2, 80333
München, GERMANY

(72)Name of Inventor :

1)GRÜSS Ansgar

(57) Abstract :

The invention relates to a device and method for positioning at least one of two casting rolls in a continuous casting process for producing a metal strip. The device and the method allow adjusting or modifying the casting gap between the casting rolls during the ongoing operation, thereby having an influence on the strip thickness and the strip profile of the produced metal strip.



No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.709/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : PREHEATING APPARATUS FOR STEEL SCRAP AND METALLURGICAL MELTING VESSEL EQUIPPED THEREWITH

(51) International classification :C21C5/52,C21C5/56,F27B3/18
(31) Priority Document No :10 2010 041 209.0
(32) Priority Date :22/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/066018
Filing Date :15/09/2011
(87) International Publication No :WO 2012/038320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY

(72)Name of Inventor :

- 1)BEILE, Hannes
- 2)DORNDORF, Markus
- 3)HUBER, Hansjörg
- 4)KIESSNER, Christiane
- 5)KREUDER, Petra
- 6)KRIEG, Matthias
- 7)MÜLLER, Alexander
- 8)SCHALAST, Robert
- 9)SCHMID, Michael

(57) Abstract :

The invention relates to a preheating apparatus (1) for steel scrap which is to be charged into a metallurgical melting vessel (8), having a vertical shaft (3), which is surrounded by a housing wall (2) and is used to receive the steel scrap, and at least one closure element (4), which comprises a plurality of laterally spaced-apart fingers (15) extending parallel to one another, is mounted such that it can move between a closed position and an open position, and the fingers (15) of which, in the closed position, protrude at least partially into the shaft (3) for the purpose of holding back steel scrap, and, in the open position, free the shaft (3) at least to such an extent that the steel scrap can fall from the shaft (3) into the melting vessel (8). The at least one closure element is mounted so as to be movable from the side of the shaft (3) into the latter and laterally thereoutof. The invention also relates to a metallurgical melting vessel (8) equipped with such a preheating apparatus (1).

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.751/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRANSPORT AND PRESENTATION BOX

(51) International classification	:B65D25/00,B65D1/24,B65D85/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/063807
Filing Date	:20/09/2010
(87) International Publication No	:WO 2012/037962
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IFCO SYSTEMS GMBH,

Address of Applicant :Zugspitzstrasse 7, 82049 Pullach
GERMANY

(72)Name of Inventor :

1)ORGELDINGER, WOLFGANG,

2)DELBROCK, KLAUS,

(57) Abstract :

The invention relates to a box comprising a base (12) and at least two pairs of opposing lateral walls (14a, 14b, 16a, 16b). A first of the lateral walls (16b) extends upwards from the base (12) in a vertical direction (18) at least partly only by a removal height (20) that is shorter than the height of one or more of the remaining lateral walls (14a, 14b, 16a) in order to define a lateral opening with dimensions that allow access to and removal of products contained in the box through the lateral opening. The box further comprises an insert (112) for arranging on the base (12), said insert (112) being designed dependent on the products to be received by the box.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : EXPANSION ANCHOR

(51) International classification	:F16B13/00,F16B13/02	(71) Name of Applicant : 1)HILTI AKTIENGESELLSCHAFT Address of Applicant :Feldkircherstrasse 100, CH-9494 Schaan Liechtenstein
(31) Priority Document No	:20 2010 012 084.5	
(32) Priority Date	:01/09/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/061374	
Filing Date	:06/07/2011	
(87) International Publication No	:WO 2012/028360	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an expansion anchor (10) having an anchor body (11) extending in an axial direction (A) and comprising a receptacle (12) for an expansion element, wherein said receptacle runs in an axial direction (A), said expansion anchor having substantially axially running slots (28) for forming radial, elastic regions (26), wherein the anchor wall (34) has a clamping protrusion (32) protruding radially outwardly in the region of at least one slot (28) in an unloaded state of the expansion anchor (10) and the anchor wall (34) closes flush radially to the axially adjacent inner wall region (36) of the expansion anchor (10) on the inside in the region of the clamping protrusion (32).

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.715/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ADSORPTION OF IMMUNOPOTENTIATORS TO INSOLUBLE METAL SALTS

(51) International classification	:A61K39/00,A61K39/095,C07D487/04
(31) Priority Document No	:61/379,126
(32) Priority Date	:01/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/050231 :01/09/2011
(87) International Publication No	:WO 2012/031140
(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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel Switzerland

2)IRM LLC

(72)Name of Inventor :

1)SINGH, Manmohan

2)SKIBINSKI, David, A.g.

3)WU, Tom, Yao-hsiang

4)LI, Yongkai

5)CORTEZ, Alex

6)ZHANG, Xiaoyue

7)ZOU, Yefen

8)HOFFMAN, Timothy, Z.

9)PAN, Jianfeng

10)YUE, Kathy

(57) Abstract :

Immunopotentiators can be adsorbed to insoluble metal salts, such as aluminium salts, to modify their pharmacokinetics pharmacodynamics, intramuscular retention time, and/or immunostimulatory effect. Immunopotentiators are modified to introduce a moiety, such as a phosphonate group, which can mediate adsorption. These modified compounds can retain or improve their in vivo immunological activity even when delivered in an adsorbed form.

No. of Pages : 175 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.716/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ADHESIVE APPLICATION DEVICE AND ADHESIVE APPLICATION METHOD FOR ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/49,B05C5/04
(31) Priority Document No :2010-212386
(32) Priority Date :22/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070976
Filing Date :14/09/2011
(87) International Publication No :WO 2012/039333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

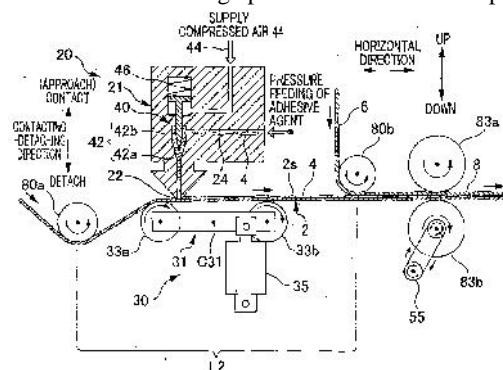
Address of Applicant :182, Kinseichoshimobun,
Shikokuchuo-shi, Ehime 7990111 Japan

(72)Name of Inventor :

1)SAKAUE, Haruhiko

(57) Abstract :

Provided is an adhesive application device which has a discharge part for discharging a thermoplastic adhesive and in which a thermoplastic adhesive is discharged from the discharge part and applied to one surface of a continuous sheet for an absorbent article running on a specific track. The device has a contact and separation mechanism that moves the continuous sheet and the discharge part relatively to the other in the contact or separation direction, a discharge mechanism that discharges the thermoplastic adhesive from the discharge part, and a controller that controls the contact and separation mechanism and the discharge mechanism. When the running speed of the continuous sheet is higher than a specific threshold value the controller controls the contact and separation mechanism and the discharge mechanism so as to discharge the thermoplastic adhesive from the discharge part while bringing the discharge part into contact with the one surface of the continuous sheet. When the running speed becomes the specific threshold value or lower, the controller controls the contact and separation mechanism and the discharge mechanism so as to stop discharge of the thermoplastic adhesive from the discharge portion and put the continuous sheet and the discharge portion into a state of separation after discharge has been stopped.



No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : LONGITUDINAL ADJUSTMENT DEVICE FOR A MOTOR VEHICLE SEAT

(51) International classification	:B60N2/07	(71) Name of Applicant :
(31) Priority Document No	:10 2010 042 008.5	1)C. ROB. HAMMERSTEIN GMBH & CO. KG Address of Applicant :Merscheider Stra e 167, 42699
(32) Priority Date	:05/10/2010	Solingen, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/067396	1)SPECK Axel 2)ECKHOFF, Sascha 3)HOPPE, Jens
Filing Date	:05/10/2011	
(87) International Publication No	:WO 2012/045778	
(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 longitudinal adjustment device for a motor vehicle seat, with a floor rail which can be connected to a motor vehicle floor, a seat rail which can be connected to the motor vehicle seat and is mounted in a longitudinally displaceable manner on the floor rail, and a connecting element having a connecting section for connection of a functional component to the seat rail. In order to provide a longitudinal adjustment device which permits a stable connection of a functional component, in particular a rocker, it is provided that the connecting element is connected by a first section to a side wall of the seat rail and by a second section to an upper side of the seat rail, wherein the connecting element has an opening for receiving the functional component and/or a bearing element for the arrangement of the functional component, wherein the opening is arranged in the region of a recess running in the region of a bending line between the side wall and the upper side.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : SEALED OIL FILLED TRANSFORMER

(51) International classification	:H01F27/06	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. RAJEEV AGARWAL
(62) Divisional to Application Number	:NA	2)MR. BIRANCHI NAIK
Filing Date	:NA	3)MR. NEERAJ VARSHNEY
		4)MR. ANAND KUMAR SONI

(57) Abstract :

A sealed oil filled transformer (A) comprises: main transformer tank (01), conservator (06), rollers (03) and HV/LV bushings (04), Buchholz relay (07), additional stiffness (02), pressure relief valve/vent (08) and magnetic oil level gange (09). The empty portion of the conservator (06) is filled with dry air or nitrogen after filling the transformer with oil and then sealed to achieve a trouble-free and maintenance free long service life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.579/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOBILE DEVICE, NETWORK APPARATUS, WIRELESS COMMUNICATION SYSTEM AND CELL INFORMATION REPORTING METHOD

(51) International classification	:H04W24/04,H04W16/16	(71) Name of Applicant : 1)NTT DOCOMO, INC. Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 Japan
(31) Priority Document No	:2010-180642	
(32) Priority Date	:11/08/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/068310	(72) Name of Inventor :
Filing Date	:10/08/2011	1)AOYAGI, Kenichiro
(87) International Publication No	:WO 2012/020808	2)NAKAMURA, Yuichiro
(61) Patent of Addition to Application Number	:NA	3)SUGANO, Kiminobu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention effectively implements Automatic Neighbor Relation (ANR) functionality even when there is a dense cluster of small- scale cells formed by Home Node Bs and Home eNode Bs. A mobile device (300) reports, to a RNC (100), cell information including neighboring cell setting conditions based on notification information received from neighboring cells. On the basis of information pertaining to the cells that are to be reported, which includes at least the types of cells that are to be reported to the RNC (100), the mobile device (300) selects which neighboring cells to report to the RNC (100), and reports cell information to the RNC (100) on the basis of the notification information received from the selected neighboring cells.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.700/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SPARK PLUG

(51) International classification	:H01T13/02	(71) Name of Applicant :
(31) Priority Document No	:2010-189069	1)NGK SPARK PLUG CO., LTD.
(32) Priority Date	:26/08/2010	Address of Applicant :14-18, Takatsujicho, Mizuho-ku, Nagoya-shi, Aichi 467-8525, Japan.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/002158	1)NASU Hiroaki
Filing Date	:12/04/2011	2)SUGITA Makoto
(87) International Publication No	:WO 2012/026049	3)SATO Akito
(61) Patent of Addition to Application Number	:NA	4)KUWAHARA Shingo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a spark plug which has excellent resistance to stress corrosion cracking due to the provision of nickel plating of a suitable film thickness on the inner surface of the main metal fitting. A spark plug is provided with a main metal fitting which is covered with a nickel-plating layer and wherein a groove section, having an orthogonal-to-axis cross sectional area of not more than 36mm², is provided between an implement engaging section and a gas-seal section. In a first formation, the thickness of the nickel plating layer at the front end of the inner peripheral surface of the groove section is 0.3-2.0μm; in a second formation, a chromium-containing layer is included on the nickel-plating layer, and the thickness of the nickel-plating layer at the front end of the inner peripheral surface of the groove section is 0.2-2.2 μm; in a third formation, an anti-rust oil is applied on the nickel-plating layer, and the thickness of the nickel-plating layer at the front end of the inner peripheral surface of the groove section is 0.2-2.2 μm; and in a fourth formation, a chromium-containing layer is included on the nickel-plating layer, an anti-rust oil is applied on said layer, and the thickness of the nickel-plating layer at the front end of the inner peripheral surface of the groove section is 0.1-2.4μm.

No. of Pages : 49 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.746/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR EVALUATING PERFORMANCE OF ATOMIZATION DEVICE, AND UPSCALING METHOD

(51) International classification :B01F7/16,B01F3/08,G01N1/36
(31) Priority Document No :2010-184466
(32) Priority Date :19/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068777
Filing Date :19/08/2011
(87) International Publication No :WO 2012/023608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Meiji Co., Ltd.

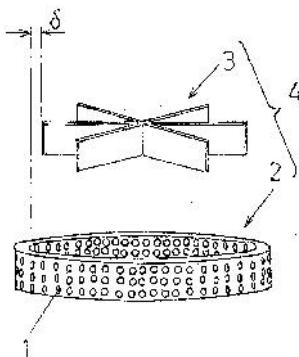
Address of Applicant :2-10, Shinsuna 1-chome, Koutou-ku, Tokyo 1368908 Japan

(72)Name of Inventor :

1)KAMIYA Tetsu

(57) Abstract :

Provided is a comprehensive performance evaluation method that can be applied to rotor/stator mixers having various shapes and circulation systems. The performance of a rotor/stator mixer is evaluated by determining the total energy dissipation rate (a) in the mixer, and evaluating the level of a mixer shape-dependent value that is inherent to each mixer and is obtained by measuring the dimensions of the rotor and stator and the motive force and flow rate during operation, all of which are associated with the total energy dissipation rate (a).



No. of Pages : 63 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.712/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICES AND METHODS FOR TRANSMITTING / RECEIVING INSTRUCTIONS FOR UPLINK TRANSMISSION IN A WCDMA SYSTEM

(51) International classification	:H04B7/06,H04B7/04	(71)Name of Applicant :
(31) Priority Document No	:61/376,085	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:23/08/2010	Address of Applicant :S-164 83 Stockholm, Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/051000	1)LARSSON, Erik
Filing Date	:19/08/2011	2)HULTELL, Johan
(87) International Publication No	:WO 2012/026869	3)BERGMAN, Johan
(61) Patent of Addition to Application Number	:NA	4)JOHANSSON, Niklas
Filing Date	:NA	5)GÖRANSSON Bo
(62) Divisional to Application Number	:NA	6)OVESJÖ, Fredrik
Filing Date	:NA	

(57) Abstract :

A NodeB (110) for a WCDMA system (100), arranged to transmit instructions to a UE (120) for the UEs uplink transmissions. The NodeB (110) is arranged to transmit the instructions on a dedicated downlink physical channel which the NodeB is arranged to use for transmissions to a plurality of UEs and which comprises a plurality of radio frames, where each radio frame comprises a number of slots and each slot comprises a number of WCDMA symbols. The instructions to the UE comprise Transmit Power Commands as well as other instructions to the UE (120) for the UEs uplink transmissions. The NodeB (110) is arranged to use a first WCDMA slot format for the TPC commands to the UE and a second WCDMA slot format for the other instructions to the UE.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.713/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : NICKEL-BASED HYDROCHLORIC ACID CORROSION RESISTANT ALLOY FOR SOLDERING

(51) International classification	:B23K35/30,C22C19/05,C22C30/00
(31) Priority Document No	:2010203924
(32) Priority Date	:13/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/062094
Filing Date	:26/05/2011
(87) International Publication No	:WO 2012/035829
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FUKUDA METAL FOIL & POWDER CO., LTD.

Address of Applicant :176, Nakanono-cho, Matsubara-dori
Muromachi Nishi-iru Shimogyo-ku, Kyoto-shi, Kyoto 600-8435
Japan

(72)Name of Inventor :

1)OTOBE, Katsunori

2)NISHIMURA, Shinichi

(57) Abstract :

Provided is a nickel-based hydrochloric acid corrosion resistant alloy for soldering that is provided with corrosion resistance against hydrochloric acid, and when soldering various types of stainless steel, can be used for soldering at practical temperatures (1150°C or less),and has good bond strength and solderability to the substrate. This hydrochloric acid corrosion resistant alloy contains, in mass percent, 6.0-18.0% Mo, 10.0 25.0% Cr, 0.5 5.0% Si, and 4.5 8.0% P, with the remainder being 40.0-73.0% Ni and unavoidable impurities, and the total of Si and P being 6.5- 10.5%. In this case, the alloy may contain 12.0% Cu or less, 20.0% Co or less, 15.0% Fe or less, 8.0% W or less, 5.0% Mn or less, and 0.5% or less of the total of C, B, Al, Ti, and Nb.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : GAS VALVE UNIT

(51) International classification	:F23N1/00
(31) Priority Document No	:10290559.3
(32) Priority Date	:15/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/067375
Filing Date	:05/10/2011
(87) International Publication No	:WO 2012/049049
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

Address of Applicant :Carl-Wery-Str.4, 81739 München

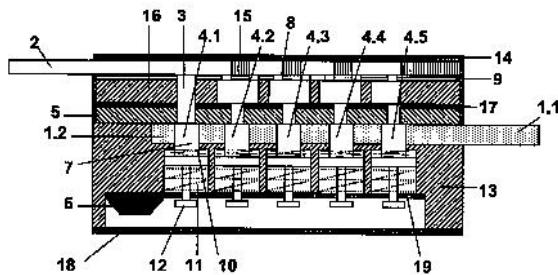
GERMANY

(72)Name of Inventor :

1)NAUMANN, jörn

(57) Abstract :

The invention relates to a gas valve unit for setting a gas volumetric flow supplied to a gas burner of a gas appliance, in particular a gas cooking appliance, wherein the gas valve unit has at least two on/off valves, wherein the at least two on/off valves can be actuated mechanically by moving at least one body relative to the on/off valves.



No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.755/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONTROLLING AN ELECTRICAL ENERGY SUPPLY NETWORK

(51) International classification	:H02J3/38,G01W1/10	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2010/065302	(72) Name of Inventor : 1)STÄHLE Samuel Thomas
Filing Date	:13/10/2010	
(87) International Publication No	:WO 2012/048736	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for controlling an energy supply network (10), from which final electrical loads (13a-d) are supplied and into which decentralized energy generators (12a-c) feed, the produced energy amount of which depends on a current weather situation in the region of the particular decentralized energy generator (12a-c). In order, in particular, to increase the stability of the voltage in individual sections (17a, 17b) of the energy supply network (10), a mathematical network model is provided in a control device (15) of an automation system of the energy supply network (10), wherein said mathematical network model specifies a relationship between a current weather situation in the local region of the particular energy generator (12a-c) and the respective electrical energy fed into individual sections (17a, 17b). Weather prediction data specifying an expected future weather situation in the region of the particular energy generator (12a-c) are determined from weather data specifying a current weather situation in the local region of the particular energy generator (12a-c), and an expected future feed-in of electrical energy by the particular energy generator (12a-c) is determined by means of the network model. Control signals are generated by means of the control device (15), wherein said control signals are used to stabilize a voltage level in network sections (17a, 17b) in which an expected future feed-in has been determined that will lead to a significant deviation of the voltage level from a predefined desired voltage level. The invention further relates to a control device (15) and to an automation system having a control device (15).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.717/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FUEL RAIL FOR ATTENUATING RADIATED NOISE

(51) International classification	:F02M55/02,F02M63/02
(31) Priority Document No	:12/870,585
(32) Priority Date	:27/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/048718
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/027310
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20, 70442 Stuttgart
GERMANY

(72)Name of Inventor :

1)KANNAN, Venkatesh

2)SCHWANKE, Jason

3)ORMSBEE, Chad

4)CASARI, John, P.

(57) Abstract :

A fuel rail includes an elongated tube having an inlet and a plurality of outlets. The elongated tube defines a fuel passageway for directing fuel toward the plurality of outlets. The fuel rail also includes a plurality of baffles positioned within the elongated tube to divide the fuel passageway into a plurality of chambers such that each outlet is positioned in one of the plurality of chambers. The plurality of baffles restricts fluid flow between adjacent chambers. A majority of the plurality of outlets are located essentially at an acoustic node of each corresponding chamber to reduce noise generated by the fuel rail.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.718/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL SHEET HAVING EXCELLENT BLANKING WORKABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,B21B3/00,C21D9/46	(71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
(31) Priority Document No	:2010-210190	
(32) Priority Date	:17/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/071753	(72)Name of Inventor :
Filing Date	:15/09/2011	1)NAKAJIMA Katsumi 2)SAITO Hayato 3)FUNAKAWA Yoshimasa 4)MORIYASU Noriaki 5)MURATA Takayuki
(87) International Publication No	:WO 2012/036308	
(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 high strength hot rolled steel sheet having superior punchability. The steel sheet has a composition that contains 0.05-0.15% C, 0.1-1.5% Si, 1.0-2.0% Mn, no greater than 0.03% P, no greater than 0.0030% S, 0.01-0.08% Al, 0.05-0.15% Ti, and no greater than 0.005% N, and the composition is over 95% a bainite phase by area ratio. Furthermore, the average grain size of the bainite in a region from the surface to a position at 1/4 of the sheet thickness is no greater than 5 μm in a cross section in the L direction and no greater than 4 μm in a cross section in the C direction and additionally, the structure is such that in the central portion of the sheet thickness, there are no greater than seven crystal grains that have an aspect ratio of at least 5 and that extend in the direction of rolling. As a result the hot rolled steel sheet has superior punchability and superior punched edge properties the punched edges are fine, even ductile fractures, and the sheet has a high strength, having a tensile strength (TS) of at least 780 MPa.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.762/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BIPOLAR BATTERY

(51) International classification	:H01M10/04,H01M2/26,H01M2/30
(31) Priority Document No	:2010-195792
(32) Priority Date	:01/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/067869
Filing Date	:04/08/2011
(87) International Publication No	:WO 2012/029497
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor :

1)SUZUKI Naoto

2)HOSAKA Kenji

3)ABE Takaaki

4)MIYAZAKI Yasuhito

5)KAMIMURA Hirotatsu

(57) Abstract :

A voltage detection terminal (27a-27e,27aa-27ee, 27aaa-27eee) and a discharge terminal (21a-21e) are connected to the peripheral edge of a current collector (4a-4e) of a bipolar battery (2). Both a request for the measurement of the voltage of the current collector (4a-4e) and a request for discharge therefrom are satisfied by disposing the voltage detection terminal (27a-27e) and the discharge terminal (21a-21e) separately on both sides of a second straight line (Da2) orthogonal to a first straight line (Da1) that passes the centroid of the current collector (4a-4e) and connects the voltage detection terminal (27a-27e) and the centroid.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

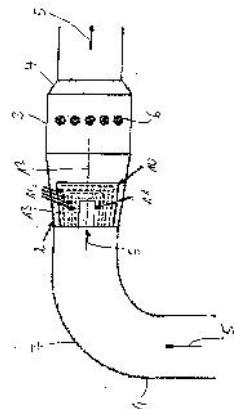
(43) Publication Date : 12/07/2013

(54) Title of the invention : FLOW RECTIFIER FOR CLOSED PIPELINES

(51) International classification	:C02F1/32,F15D1/02	(71) Name of Applicant : 1)XYLEM IP HOLDINGS LLC Address of Applicant :1133 Westchester Avenue, White Plains, New York 10604, U.S.A.
(31) Priority Document No	:10 2010 047 782.6	
(32) Priority Date	:08/10/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/003759	(72) Name of Inventor :
Filing Date	:27/07/2011	1)ANTON, Hans-Joachim
(87) International Publication No	:WO 2012/045378	2)RAPAKA, Madhukar
(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 conduit for a UV- irradiation apparatus, in which the UV- irradiation apparatus (6) is arranged in a closed conduit (1,3) and an intake cone (2) is provided upstream of a UV reactor (6) in the flow direction. The intake cone, as part of the wall of the conduit, increases the cross- sectional area of the conduit from an infeed pipeline cross-sectional area to a cross- sectional area of the reactor. A flow straightener (10) having at least one inner first guide element (11) and at least one outer second guide element (13) is arranged in the intake cone (2), wherein the inner guide element (11) is a substantially circularly cylindrical pipe and the outer guide element (13) runs substantially parallel to the outer wall and is arranged spaced from the outer wall.



No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/10/2012

(21) Application No.1247/KOL/2012 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR MONITORING TRANSMITTER AND CORRESPONDING TRANSMITTER

(51) International classification	:H01S3/13	(71) Name of Applicant : 1)KROHNE MESSTECHNIK GMBH Address of Applicant :LUDWIG-KROHNE-STRASSE 5, 47058 DUISBURG, GERMANY
(31) Priority Document No	:102012000187.8	
(32) Priority Date	:09/01/2012	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	(72) Name of Inventor : 1)VINCENT PICHOT
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 is described for monitoring a transmitter (1) with a measurement (2) and a transmission unit (3), the measurement (2) generating a measurement signal which is dependent on a measurement quantity, and the transmission unit (3) receiving the measurement signal and based on the measurement signal transferring an output signal to a signal transmission element (4). The object of the invention is to devise a method for monitoring a transmitter, and a corresponding transmitter, which method makes it possible to recognize an error. The object is achieved by the aforementioned method in that from the transmission unit(3) an input signal is taken from the signal transmission element (4) and is transferred to the measurement unit (2) as a comparison signal which corresponds to the input signal, that from the measurement unit (2) based on a comparison of the comparison signal with a stored signal either the measurement signal is transferred to the transmission unit (3) or the transmission unit(3) is shifted into a definable state and an error signal is transferred to it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.589/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR CLOSING OPENINGS OR CAVITIES IN BLOOD VESSELS

(51) International classification	:A61B17/00	(71) Name of Applicant :
(31) Priority Document No	:10175452.1	1)NONWOTECC MEDICAL GMBH
(32) Priority Date	:06/09/2010	Address of Applicant :Nattermannallee 1, 50829 Köln, GERMANY
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/065367	1)WILLEMS, Frank
Filing Date	:06/09/2011	2)CLA EN, Christoph
(87) International Publication No	:WO 2012/032030	3)HENSELER, Andreas
(61) Patent of Addition to Application Number	:NA	4)WITT, Wolfgang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The device for closing openings or cavities in blood vessels, e.g. in veins or in the heart, said device comprises a closing body comprising an outer side having a partial region arranged for blood flow therealong at least in a part of said partial region thereof when said closing body is in its state of use for closing said opening or cavity. Furthermore, the device comprises at least one layer (16) of biostable nonwoven fiber material, which at least within a partial surface of said partial region of said outer side of the closing body is at least partially in abutment on the closing body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING ETHANOL WITH CELLULOSIC BIOMASS AS STARTING MATERIAL

(51) International classification	:C12P7/06,C13K1/02	(71) Name of Applicant : 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant :1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 Japan
(31) Priority Document No	:2010-221706	
(32) Priority Date	:30/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/005419	(72) Name of Inventor :
Filing Date	:27/09/2011	1)KUSUDA, Hiromasa
(87) International Publication No	:WO 2012/042840	2)IZUMI, Noriaki
(61) Patent of Addition to Application Number	:NA	3)TAJIRI, Hironori
Filing Date	:NA	4)TSUJITA, Shoji
(62) Divisional to Application Number	:NA	5)NISHINO, Takashi
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to prevent excessive breakdown and caramelization of sugars, prevent decline in sugar yield, and effectively use flash steam in a method for producing ethanol by alcohol fermentation of sugars obtained by hydrolyzing cellulosic biomass in a supercritical or subcritical state. This method for producing ethanol with cellulosic biomass as a starting material is characterized in that during a saccharification/breakdown step, a saccharified/broken down slurry taken from a hydrothermal reactor such as a pressure vessel is flash steamed in a first flash tank to a temperature between 150°C and 200°C, with the retention time of the saccharified/broken down slurry set at less than 3 minutes, in that the saccharified/broken down slurry taken from the first flash tank is further flash steamed in a second flash tank to a temperature between 100°C and 120°C, and in that first flash steam produced by the first flash tank is used as a heat source in the saccharification/breakdown step or in a distillation step.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.769/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOUNT FOR PITCHED ROOF AND METHOD OF USE

(51) International classification	:E04D 13/18	(71) Name of Applicant :
(31) Priority Document No	:61/404,618	1)DYNORAXX, INC.
(32) Priority Date	:05/10/2010	Address of Applicant :6500 Sheridan Drive, Suite 120, Buffalo, NY 14221 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/055001	1)RIZZO, Nathan
Filing Date	:05/10/2011	
(87) International Publication No	:WO 2012/048056	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment, there is a mount for a pitched roof. The mount comprises a fastening plate. The fastening plate includes at least one support extending upwardly from the fastening plate to support a pair of mounting surfaces a predetermined distance above the pitched roof. At least a portion of the fastening plate extends laterally from the one or more supports. The lateral portion of the fastening plate has a plurality of fastening holes in at least two rows on the plate. The pair of mounting surfaces is configured to support at least one photovoltaic panel. At least one of the mounting surfaces is a predetermined distance above the pitched roof. The mount further includes a clamp housing between the pair of mounting surfaces comprises vertical abutment surfaces defining a spacer and a longitudinally extending clamp receiving channel. The mount further receives a clamp. The clamp comprises a pair of laterally extending clamp plates that are configured to cooperate with the pair of mounting surfaces to bear against and clamp at least one solar panel when a clamping force is applied. The clamp further comprises at least one clamp stabilizer configured to prevent the clamp plate from tilting when the clamping force is applied. The clamp further comprises a clamping rod extending from the mounting plates and the mounting bracket configured to create a clamping force between the mounting surface and the mounting plates. The clamping rod is slidably received into the longitudinally extending clamp receiving channel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2013

(21) Application No.731/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CODEBOOK SUBSET RESTRICTION BITMAP

(51) International classification :H04B7/04,H04L1/06,H04L27/26
(31) Priority Document No :61/389,472
(32) Priority Date :04/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/007305
Filing Date :04/10/2011
(87) International Publication No :WO 2012/046988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129, Samsung-ro Yeongtong-gu,
Suwon-si, Gyeonggi-do 443-742, Republic of Korea

(72)Name of Inventor :

1)HAN, Jin Kyu

2)CLERCKX, Bruno

(57) Abstract :

A method for transmitting and receiving a codebook subset restriction bitmap is provided. The Codebook Subset Restriction (CSR) bitmap transmission method of an evolved Node B (eNB) in transmission mode 9 for communication with 8 antenna ports includes generating a CSR bitmap including bits corresponding to restricted precoding matrix indicators and rank indicators that are not allowed for reporting and transmitting the CSR bitmap to a User Equipment (UE). The CSR bitmap comprises 53 bits corresponding to a first codebook and 56 bits corresponding to a second codebook, the 53 bits corresponding to a first codebook comprise 16 16,4,4,4,4 and 1 bits for layers 1,2,3,4,5,6,7 and 8,respectively, and the 56 bits corresponding to a second codebook comprise 16,16,16 and 8 bits for layers 1,2,3 and 4,respectively.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : BOX, RACK, SYSTEM AND METHOD FOR THE PRESENTATION OF PRODUCTS

(51) International classification :A47F3/14,B65G1/07,B65D83/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/063800
Filing Date :20/09/2010
(87) International Publication No :WO 2012/037959
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IFCO SYSTEMS GMBH

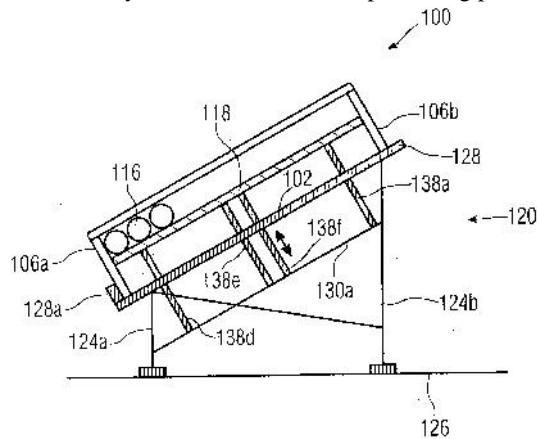
Address of Applicant :Zugspitzstraße 7, 82049 Pullach
GERMANY

(72)Name of Inventor :

1)RINGLEL, Werner

(57) Abstract :

The invention relates to a box (100) comprising a bottom, two end walls, and two side walls. A plurality of openings is provided in the bottom. Said openings are dimensioned in order to accommodate one support rod (138a-138d) each. The openings are arranged in such a way that, when support rods (138a-138d) are inserted into the openings, a support (118) laid into the box (100) is evenly raised and positioned at a position above the bottom. A stand for accommodating such a box (100) comprises a support frame (122) and the plurality of support rods (138a-138d), which can be fastened to the support frame (122). The invention further relates to a system and a method for presenting products (116).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2013

(21) Application No.733/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : LED LIGHT SOURCE STRUCTURE WITH HIGH ILLUMINATING POWER AND IMPROVED HEAT DISSIPATING CHARACTERISTICS

(51) International classification	:F21V29/00,F21Y101/02
(31) Priority Document No	:10-2010-0089576
(32) Priority Date	:13/09/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/006783
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/036465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BK TECHNOLOGY CO., LTD.

Address of Applicant :4Fl, BK Building 187-3, Bugahyeon-Dong Seodaemun-Gu Seoul 120-818 REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE, Dong Woo

(57) Abstract :

The present invention relates to an LED light source structure, and more particularly, to an LED light source structure with high illuminating power and improved heat dissipating characteristics, in which metal having superior electric conductivity and thermal conductivity is processed into positive electrode units, and heat generated from an LED chip is directly dissipated through the electrode unit which is used as a positive electrode from among the positive electrode units, thereby improving heat dissipating characteristics stabilizing a light source and preventing voltage drop, thus enabling output of high illuminating power. The LED light source structure with high illuminating power and improved heat dissipating characteristics is configured in that the LED chip is arranged and heat generated when the LED chip is turned on is dissipated to the outside, wherein the LED light source structure comprises: a first electrode unit (10) made of an electrically conductive material; a second electrode unit (20) made of an electrically conductive and thermally conductive material and electrically insulated from the first electrode unit (10); and an LED chip (40) arranged to use the first electrode unit (10) and the second electrode unit (20) as a positive electrode, wherein the first electrode unit (10) and the second electrode unit (20) are arranged to be brought into surface-contact with the LED chip (40) thus enabling heat generated from the LED chip (40) to be directly conducted and dissipated into the atmosphere.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.771/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION AND ADMINISTRATIONS THEREOF

(51) International classification	:A61K9/16,A61K31/47	(71) Name of Applicant : 1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 Waverly Street, Cambridge, MA 02139 U.S.A.
(31) Priority Document No	:61/377,873	
(32) Priority Date	:27/08/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/049467	(72) Name of Inventor :
Filing Date	:26/08/2011	1)DOKOU, Eleni
(87) International Publication No	:WO 2012/027731	2)JAMZAD, Shahla
(61) Patent of Addition to Application Number	:NA	3)DAS, Laura
Filing Date	:NA	4)ISRANI, Meghna Jai
(62) Divisional to Application Number	:NA	5)KNEZIC, Dragutin
Filing Date	:NA	6)KUZMISSION, Andrew G

(57) Abstract :

The present invention relates to pharmaceutical compositions containing a solid dispersion of N-[2,4-Bis(1,1-dimethylethyl)-5-hydroxyphenyl]-1,4-dihydro-4-oxoquinoline-3-carboxamide including formulations of the solid dispersions into powders, granules and mini-tablets, methods for manufacturing and processing the powders and mini-tablets and methods for treating cystic fibrosis employing the pharmaceutical composition.

No. of Pages : 143 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/KOL/2008 A

(19) INDIA

(22) Date of filing of Application :28/08/2008

(43) Publication Date : 12/07/2013

(54) Title of the invention : A NOVEL METHOD OF PREPARING TRANSITION METALIONS DOPED SEMICONDUCTOR NANOCRYSTALS

(51) International classification	:C09K11/54	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :2A & 2B RAJA S. C. MULLICK
(33) Name of priority country	:NA	ROAD, JADAVPUR, KOLKATA-700032,WEST
(86) International Application No	:NA	BENGAL,INDIA
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PRADHAN NARAYAN
Filing Date	:NA	2)JANA NIKHIL RANJAN
(62) Divisional to Application Number	:NA	3)DAS SARMA DIPANKAR
Filing Date	:NA	

(57) Abstract :

The present invention deals with transition metal ions doped semiconductor nanocrystals that are free from heavy metals like cadmium and therefore environment friendly and, useful for biological applications. The present invention also describes a process for the preparation of such transition metal ion doped semiconductor nanocrystals, where the reactions take place at a temperature less than 300°C. The said doped nanocrystals are stable in air and under UVradiation in both solution and precipitated'solid form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.473/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :17/03/2009

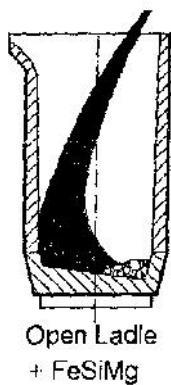
(43) Publication Date : 12/07/2013

(54) Title of the invention : CAPSULE PROCESS TO MAKE SG IRON

(51) International classification	:B22D1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUPPUSAMY RANGANATHAN
(32) Priority Date	:NA	Address of Applicant :5 BALLYGUNGE CIRCULAR
(33) Name of priority country	:NA	ROAD, CALCUTTA 700019,WEST BENGAL India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUPPUSAMY RANGANATHAN
(87) 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 producing spheroidal graphite iron casting comprising a capsule (1) made up of two concentric hollow cylindrical tubes (2,3) to define an annular space all around (4), said cylindrical tubes being provided with covers (5,6).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING A PISTON RING

(51) International classification	:F16J9/20,B23P15/06	(71) Name of Applicant : 1)FEDERAL-MOGUL BURSCHEID GMBH Address of Applicant :B14germeister-Schmidt-Strasse 17, 51399 Burscheid, GERMANY
(31) Priority Document No	:10 2010 048 079.7	
(32) Priority Date	:09/10/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/DE2011/001604	
Filing Date	:13/08/2011	
(87) International Publication No	:WO 2012/045293	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a piston ring having an axial height < 2 mm, said piston ring having a radial outer running surface provided with at least one web, a radially inner circumferential surface, and upper and lower flank surfaces extending therebetween, in that the particular web is provided with a contour that is conically tapered radially outwardly, thereafter the running surface, together with the web flanks of the particular conical web, is provided with at least one wear-resistant layer, and then only the web flank of the particular web that forms a scraping edge is subjected to an at least partial material removal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.739/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ROPE SLACK PREVENTING DEVICE OF LIFT

(51) International classification	:B66B5/12	(71) Name of Applicant :
(31) Priority Document No	:201010266746.9	1)CANNY ELEVATOR CO., LTD.
(32) Priority Date	:27/08/2010	Address of Applicant :No.88, (LUXU) Linhu Economic
(33) Name of priority country	:China	Development Zone Wujiang, Jiangsu 215213 China.
(86) International Application No	:PCT/CN2011/072543	(72) Name of Inventor :
Filing Date	:08/04/2011	1)WANG, Youlin
(87) International Publication No	:WO 2012/024927	2)ZHANG, Jianhong
(61) Patent of Addition to Application Number	:NA	3)YU, Cheng
Filing Date	:NA	4)WANG, Shenghui
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rope slack-preventing device of a lift includes a rope end plate (8), a rotating component (2), a switch fixing frame (3) and a supporting frame of the rotating component. Under the rope end plate (8), the rotating component (2) is suspended by the supporting frame of the rotating component and a safety switch (4) is suspended by the switch fixing frame (3). The supporting frame of the rotating component includes a fixing-supporting plate (6) and an elastic support column. One end of the fixing supporting plate (6) is fixedly connected with the rope end plate (8), and the other end is hinged with the rotating component (2) by a pin shaft (7). The elastic support column includes a screw rod (1) and a pressing spring (5) sleeved around the screw rod. When the rotating component (2) is pressed to rotate around the pin shaft, the switch striking plate pushes the movable contact of the safety switch (4). The device can automatically cut off power supply to brake the lift such that accident of clashing head due to breakage of steel wire rope during the car running is effectively avoided and safety of the lift is guaranteed during the lift operation. The quality of the product can be effectively improved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.773/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SLIDE PLATE FOR A CAM-TYPE CLOSURE

(51) International classification	:F16B7/04	(71) Name of Applicant :
(31) Priority Document No	:10178912.1	1)SYMA INTERCONTINENTAL AG
(32) Priority Date	:23/09/2010	Address of Applicant :Panoramastrasse 19, CH-9533 Kirchberg Switzerland
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/066222	1)ZÜLLIG, Kurt
Filing Date	:19/09/2011	2)STRÄSSLE, Marcel
(87) International Publication No	:WO 2012/038376	
(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 slide plate (20) for a cam-type closure of a clamping device for releasably connecting two profiled pieces (2), comprising a coupling region (11,28) for coupling to locking elements of the clamping device. The slide plate comprises an inner opening (23) for receiving an eccentric roll of the clamping device by which the axial displacement (30) of the slide plate (20) can be carried out. To this end, a spring region (27) is provided between the inner opening (23) for receiving an eccentric roll and the coupling region (11,28). As a result of the resilient actuation of the eccentric roll, the user feels rising resistance, whereby haptic feedback is also provided. A closure element provided with such a slide plate additionally has a greater tolerance for profiled sections to be attached to each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.764/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONNECTING WIRELESS NETWORK IN A DIGITAL DEVICE

(51) International classification	:H04B7/24	(71) Name of Applicant :
(31) Priority Document No	:10-2010-0108505	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:03/11/2010	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/KR2011/008333	(72) Name of Inventor :
Filing Date	:03/11/2011	1)HAHM, Seong-II
(87) International Publication No	:WO 2012/060646	2)PARK, Woo-Jin
(61) Patent of Addition to Application Number	:NA	3)KANG, Woo-Shik
Filing Date	:NA	4)SHIM, Seung-Seop
(62) Divisional to Application Number	:NA	5)LEE, Jin-Wook
Filing Date	:NA	6)YOON, Eung-Sik

(57) Abstract :

A method and an apparatus for automatically connecting a wireless Local Area Network (LAN) between digital devices and executing an application program based on the wireless LAN, and more particularly, an apparatus and a method for generating device information indicating attributes in a digital device and obtaining attributes of a peripheral device by analyzing device information of the peripheral device. The apparatus includes a device information generation part configured to generate device information including information about attributes by analyzing the attributes of the digital device. The apparatus also includes a device recognition part configured, when receiving device information of a peripheral device, to obtain attribute information of a device corresponding to the received device information. The apparatus further includes a controller configured to control to transmit the device information generated by the device information generation part, to the peripheral device.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

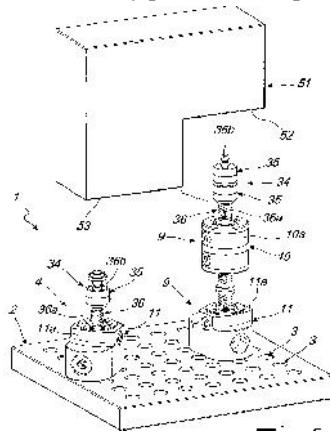
(43) Publication Date : 12/07/2013

(54) Title of the invention : MODULAR STRUCTURE FOR SUPPORTING BLANKS

(51) International classification	:B23Q3/10	(71) Name of Applicant : 1)FCS SYSTEM SRL Address of Applicant :Via Belvedere, 48, 31032 Casale Sul Sile, ITALY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IT2010/000412	(72) Name of Inventor : 1)CANUTO Almerino
Filing Date	:30/09/2010	
(87) International Publication No	:WO 2012/042546	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular structure (1), particularly for supporting blanks, which comprises at least one flat plate (2) which has a plurality of seats (3) which can be integrally and removably associated with at least one portion (7,52,53) of a blank (50,51) to be worked on by way of fixing means (9). In more detail, the fixing means (9) comprise at least one fixing element (10,11) which can be interposed between the plate (2) and the blank (50,51) and has at least one upper portion (10a,11a) which can be faced towards at least one among the plate (2) and the blank (50,51). The upper portion (10a,11a) is moreover provided with at least one first pin (12) which can be associated, respectively, with a seat (3) or with the portion (7,52,53) and can be inserted along its axis (12a) in a first cavity (13) defined by the upper portion (10a,11a) through a first circular hole (14) defined on the surface of the upper portion (10a,11a) which can be faced in the direction respectively, of the plate (2) or of the blank (50,51) for the radial locking in place of the first pin (12) relative to the upper portion (10a,11a). The first cavity (13) accommodates a pair of first jaws (16) which can be engaged with the first pin (12) for its axial locking in place relative to the upper portion (10a,11a). The distinctive characteristic of the invention consists in the fact that the fixing element (11) has at least one lower portion (11b) which can be faced towards the plate (2) and which is provided with at least one second pin (23) which can be engaged, respectively, with a seat (3) of the plate (2), and can be inserted along its axis (23a) in a second cavity (24) defined by the lower portion (11b) through a second hole (25) with a substantially elongated shape along a predefined direction (26) and is substantially perpendicular with respect to the axis (23a) of the second pin (23). In more detail, the second hole (25) is defined on the surface of the lower portion (11b) which can be faced in the direction of the plate (2) for the locking in place of the second pin (23) relative to the lower portion (11b) along a radial direction of the second pin (23) which is substantially perpendicular to the predefined direction (26). Moreover, the second cavity (24) accommodates a pair of second jaws (27) which can be engaged with the second pin (23) for its axial locking in place relative to the lower portion (11b) and which are movable in the second cavity (24) along a direction which is substantially parallel to the predefined direction (26).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.748/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : THIN-FILM, SOLAR MODULE WITH LAMINATE SHET STRUCTURE

(51) International classification :H01L31/048,H01L31/0336,B32B17/10
(31) Priority Document No :10187214.1
(32) Priority Date :12/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/067700
Filing Date :11/10/2011
(87) International Publication No :WO 2012/049157
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :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)DÖCH Matthias

2)STETTER Walter

(57) Abstract :

The invention relates to a thin layered solar module (1) having a plurality of serially connected thin layer solar cells (11) for producing photovoltaic energy. Said module comprises two substrates (2, 10) which are interconnected by an adhesive layer (9). Each solar cell has a layer structure arranged between the two substrates, comprising a first electrode layer (5), a second electrode layer (8) and a semi-conductor layer (6) which is arranged between both electrode layers. Said semi-conductor layer forms a pn-junction and is doped with a doping material. Essentially, the adhesive layer comprises a certain amount of doping material such that the doping material from the semi-conductor layer is prevented from diffusing into the adhesive layer.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOLAR MODULE WITH A CONNECTION ELEMENT

(51) International classification	:H01L31/02,H01L31/048	(71) Name of Applicant : 1)SAINT-GOBAIN GLASS FRANCE Address of Applicant :18 Avenue d' Alsace, F-92400 Courbevoie, France
(31) Priority Document No	:10188687.7	(72) Name of Inventor :
(32) Priority Date	:25/10/2010	1)DOECH, Matthias
(33) Name of priority country	:EPO	2)DEGEN, Christoph
(86) International Application No	:PCT/EP2011/068524	3)GASS, Robert
Filing Date	:24/10/2011	4)HAPP, Thomas
(87) International Publication No	:WO 2012/055808	5)KARG, Franz
(61) Patent of Addition to Application Number	:NA	6)LESMEISTER, Lothar
Filing Date	:NA	7)PHILIPP, Jan Boris
(62) Divisional to Application Number:NA	:NA	8)RATEICZAK, Mitja
Filing Date	:NA	9)VAN DER BURGT, Jaap
		10)SCHLARB, Andreas
		11)REUL, Bernhard

(57) Abstract :

The invention relates to a solar module having a connecting element, comprising: a) a substrate (1), a back electrode layer (3), a photovoltaically active absorber layer (4), and a cover pane (2) disposed one over the other wherein the photovoltaically active absorber layer (4) is partially electrically conductively connected to the back electrode layer (3) and comprises a front electrode layer (22) on the side facing away from the back electrode layer (3), and the front side (III) of the substrate (1) is connected laminarily to the back side (II) of the cover pane (2) by means of at least one intermediate layer (5), b) at least one prefabricated conductive film (6) comprising at least one electrically conductive layer (6.1) and one electrically insulative layer (6.2), and electrically conductively connected to the back electrode layer (3) and/or the front electrode layer (22), and comprising a connection point (7) for making electrical contact, and c) at least one connection housing (8) comprising at least one electrical conductor connection (10) between a contact element (9) and the connecting point (7) of the conductive film, wherein the conductive film (6) is disposed about the side edge (12) of the substrate (1), and the conductive film (6) and the connection housing (8) are mounted on the back side (IV) of the substrate (1), or the conductive film (6) is disposed about the side edge (13) of the cover pane (2) and the conductive film (6) and the connection housing (8) are mounted on the front side (I) of the cover pane (2).

No. of Pages : 60 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.782/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND BASE STATION, USER EQUIPMENT AND SYSTEM FOR ACTIVATING COEXISTENCE WORK MODE

(51) International classification	:H04W16/00	(71) Name of Applicant : 1)FUJITSU LIMITED Address of Applicant :1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2010/077405	(72) Name of Inventor :
Filing Date	:28/09/2010	1)ZHANG, Lei
(87) International Publication No	:WO 2012/040904	2)XU, Haibo
(61) Patent of Addition to Application Number	:NA	3)ZHOUE, Hua
Filing Date	:NA	4)WANG, Xin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for activating coexistence work mode and a base station, user equipment and system using the method are provided. The method for activating coexistence work mode includes: a user equipment in a first communication system transmits an activation mode request, which requests for entering the coexistence work mode to the base station in said first communication system; in said coexistence work mode, using different transmission resource, said user equipment performs a first communication with said base station and performs a second communication with a device of a second communication system which is different from said first communication system, respectively; said user equipment activates said coexistence work mode based on configuration information of said coexistence work mode, wherein, the configuration information of said coexistence work mode is preset for said user equipment by said base station, and is conserved in said user equipment.

No. of Pages : 53 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.747/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ATOMIZATION DEVICE

(51) International classification	:B01F7/16,A23L1/00,A61K8/04
(31) Priority Document No	:2010-184467
(32) Priority Date	:19/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068778
Filing Date	:19/08/2011
(87) International Publication No	:WO 2012/023609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Meiji Co., Ltd.

Address of Applicant :2-10 Shinsuna 1-chome, koutou-ku,
Tokyo 1368908 Japan

(72)Name of Inventor :

1)KAMIYA Tetsu

(57) Abstract :

Provided is a rotor/stator mixer equipped with a stator, which has a plurality of openings, and a rotor, which is provided within the stator with a prescribed gap therebetween. The mixer exhibits superior performance as a result of increasing the shear stress applied to a fluid being processed, is capable of changing and adjusting the shear stress applied to the fluid being processed, and is capable of changing and adjusting the manner in which the fluid being processed flows. The stator comprises a plurality of stators having different circumferences, the rotor is provided within each of the stators with a prescribed gap therebetween, and the stators and the rotor are configured so as to be capable of moving towards and away from one another along the direction of the rotational axis of the rotor.

No. of Pages : 89 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.784/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PNEUMATIC TIRE FOR HEAVY LOAD

(51) International classification	:B60C15/02,B60C15/024,B60C15/04	(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
(31) Priority Document No	:2010-201181	(72)Name of Inventor : 1)TODOROKI Daisuke 2)MAEHARA Atsushi
(32) Priority Date	:08/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/070350	
Filing Date	:07/09/2011	
(87) International Publication No	:WO 2012/033121	
(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 addresses the problem of improving bead durability and rolling resistance performance. [Solution] Provided is a heavy load pneumatic tire (1) with a carcass (6) having a carcass ply (6A) which is extended from a tread portion (2) through a sidewall portion (3) and then folded over around a bead core (5) in a bead portion (4). The bead core (5) has an inner surface (5a) extending along a bottom surface (4a) of the bead portion (4) in the radial direction of the tire. In a normal condition in which the tire is set on a normal rim (R) and charged to a normal internal pressure with no load and in a standard weight load condition in which the tire under the normal condition is loaded with a normal weight and grounded at a camber angle of zero degrees, an angle (1) formed between the inner surface (5a) of the bead core (5) and a rim sheet surface (13) of the normal rim (R) falls within 0 +/- 3 degrees.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.785/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF ASSISTING PURCHASE, DEVICE AND SYSTEM

(51) International classification	:G06Q30/00	(71) Name of Applicant : 1)PURCHASING STRATEGY INSTITUTE CORPORATION Address of Applicant :31st Floor, Marunouchi Building, 2-4-1, Marunouchi, Chiyoda-Ku, Tokyo 1006331 Japan
(31) Priority Document No	:2010-210834	
(32) Priority Date	:21/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/070775	
Filing Date	:22/11/2010	
(87) International Publication No	:WO 2012/039069	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an electronic business transaction between businesses performed via a telecommunication network, a supplier can obtain the opportunity of having a new business customer while a buyer can figure out a reasonable price of an item to be purchased, thereby reducing useless sourcing cost. Information indicative of items each buyer purchased in the past is stored corresponding to each buyer in a purchase assistance device which assists each buyer in purchases of items via electronic business transaction from any one of a plurality of suppliers, the items having a specification desired by each buyer. Further information on similar items having the same specification is stored in the purchase assistance device corresponding to the items that each buyer purchased. In addition when receiving a question from any one of the buyers about the item the buyer purchased in the past a process is performed such that the information on similar items is presented to the buyer in the purchase assistance device, together with the information about the item according to the question.

No. of Pages : 79 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.786/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND FACILITY FOR DRYING PLANT MATERIAL

(51) International classification	:F26B9/06,F26B5/00,F26B5/04
(31) Priority Document No	:10 2010 045 064.2
(32) Priority Date	:10/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/004462
Filing Date	:05/09/2011
(87) International Publication No	:WO 2012/031732
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLATT INGENIEURTECHNIK GMBH

Address of Applicant :Nordstrasse 12, 99427 Weimar
GERMANY

(72)Name of Inventor :

1)JACOB, Michael

2)KLÖPPEL, Tilo

3)GUTTZEIT, Melanie

4)BÖBER, Reinhart

(57) Abstract :

The invention relates to a method and to an accompanying facility (1) for drying plant material (19), such as, for example, fruits splices, plants, herbs and the like, by means of a stream of drying gas which is supplied to a drying installation. The method according to the invention is distinguished by the fact that the material to be dried is distributed to a plurality of trays (15-17) of the drying installation (1), which trays are arranged one above the other and through which gas can flow where each tray is supplied with a portion (10 11) of refreshed and conditioned drying gas so that an almost uniform drying rate of the material to be dried is obtained on the individual trays. The facility according to the invention is composed of a plurality of trays (13, 17) arranged one above the other in the process space (3) of the drying installation (1) so that a first portion (10) of the drying gas can flow through them, they are divided in each case into a plurality of segments (12) and they have assigned to them, underneath the segments (12) of the respective individual trays (16 17), in each case a marginal channel (14), a central channel (13) and a transverse channel (18), for supplying a second portion (11) of a drying gas.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.752/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CRATE

(51) International classification :B65D81/18,B65D85/34
(31) Priority Document No :12/885,732
(32) Priority Date :20/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/065108
Filing Date :01/09/2011
(87) International Publication No :WO 2012/038231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IFCO SYSTEMS GMBH

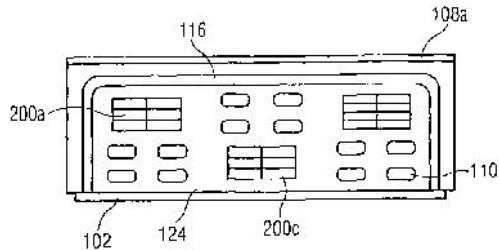
Address of Applicant :Zugspitzstraße 7, 82049 Pullach,
GERMANY

(72)Name of Inventor :

1)ORGELDINGER, Wolfgang

(57) Abstract :

A crate includes a bottom (102), two end walls (106a, 106b), and two side walls (108a, 108b). At least one of the end and side walls comprises an inlet (200a 200c) having a dimension allowing to introduce a predefined amount of cooling liquid into the interior of the crate.



No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.753/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ANODE FOR ELECTROLYTIC EVOLUTION OF CHLORINE

(51) International classification	:C25B11/04
(31) Priority Document No	:MI2010A002193
(32) Priority Date	:26/11/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/071079
Filing Date	:25/11/2011
(87) International Publication No	:WO 2012/069653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INDUSTRIE DE NORA S.P.A.

Address of Applicant :Via Bistolfi, 35 I-20134 Milan,
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(72)Name of Inventor :

1)URGEGHE Christian

2)PEZZONI, Chiara

3)ANTOZZI, Antonio Lorenzo

(57) Abstract :

An electrode suitable for chlorine evolution in electrolysis cells consists of a metal substrate coated with two distinct compositions applied in alternate layers, the former comprising oxides of iridium, ruthenium and valve metals, for instance tantalum, and the latter comprising oxides of iridium, ruthenium and tin. The thus-obtained electrode couples excellent characteristics of anodic potential and selectivity towards the chlorine evolution reaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.790/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INJECTION MOULD FOR FLEXIBLE TUBE

(51) International classification	:B29C45/00,B29D23/20,B65D35/08
(31) Priority Document No	:2005313
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050659
Filing Date	:06/10/2010
(87) International Publication No	:WO 2012/030209
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PLASTICUM GROUP B.V.

Address of Applicant :9, Zevenheuvelenweg, NL-5048 AN
Tilburg The Netherlands

(72)Name of Inventor :

1)STEGEMAN, Gerrit Jan

(57) Abstract :

An injection moulding device for injection moulding a flexible sleeve body for a squeezable tube, comprises a male mould part and a female mould part, which in combination with the male mould part forms a sleeve body cavity for forming the flexible sleeve body between them. The sleeve body cavity extends from a top end to an opposite bottom end in a longitudinal direction. The moulding device further comprises a runner end part, which in combination with the female mould part and the male mould part forms a runner cavity at the top end of the sleeve body cavity. The runner cavity comprises a passage constituted by one or more openings connecting the annular shaped distribution channel with the sleeve body cavity for guiding the molten plastics material from a runner distribution channel into the sleeve body cavity. The one or more openings is/are evenly distributed along the perimeter of the sleeve body cavity and is/are narrow compared to the distribution channel upstream of the passage such that the passage initially prevents the flow of molten plastics material from entering the sleeve body cavity which results in a pressure build up in the runner cavity which eventually results in a pressure high enough to force the flow of molten plastics material through the passage into the sleeve body cavity.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.791/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING MOLDED GASKET

(51) International classification	:B29C69/00,B29C45/14,B29D99/00	(71)Name of Applicant : 1)NOK CORPORATION Address of Applicant :12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 1058585 Japan
(31) Priority Document No	:2010-197682	
(32) Priority Date	:03/09/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)SHIMAZOE Toshihiro 2)WATANABE Shigeru
(86) International Application No	:PCT/JP2011/066887	
Filing Date	:26/07/2011	
(87) International Publication No	:WO 2012/029444	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for producing a molded gasket by integral molding of a gasket body comprising a substrate provided on one face with a surface treated layer and on other face with a rubber like elastic body, wherein the method sequentially performs a first step to integrally mold the gasket body with the substrate provided with the surface treated layer, a second step to temporarily place a molded piece on a placement stand, and a third step to remove a burr portion from a product portion by punching the molded piece. When the molded piece is temporarily placed on the placement stand, attachment of foreign substances, contamination, damage, and the like to the basket body as well as to the surface treated layer can be effectively suppressed. To this end, in the first step a projecting leg portion made of a rubber like elastic body is integrally formed at a position corresponding to the burr portion in the molded piece; in the second step, the molded piece is brought into contact with the placement stand by holding the leg portion; and in the third step the leg portion is cut as a part of the burr portion.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.767/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : POSITIONING SYSTEM.

(51) International classification	:F24J2/54
(31) Priority Document No	:1102347.0
(32) Priority Date	:10/02/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2011/056015
Filing Date	:29/12/2011
(87) International Publication No	:WO 2012/107813
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ETERNEY LTD.

Address of Applicant :Rotem Ventures Incubator, Mishor Yamin, Rotem Industries Park, 86800 D.N. Arava (IL) Israel

(72)Name of Inventor :

1)DROR, Eyal

(57) Abstract :

A utility platform holding solar modules and supported by a ground support, that is reinforced by upper suspension elements connected to extensions of the ground support, and by lower taut cords connected to a motor controlling their lengths and tension. The upper suspension elements are arranged to support a weight of the platform, and together with the taut cords are arranged to maintain a form of the utility platform at a range of specified orientations and under a range of wind intensities, by generating a resultant force that is opposite to a wind direction on an upwind side of the utility platform, the upwind side being either the upper side or the lower side according to the wind direction and the specified orientation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.768/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : GENERATION OF VIROSOME PARTICLES

(51) International classification :C12N15/82,A61K39/145
(31) Priority Document No :10012574.9
(32) Priority Date :30/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004874
Filing Date :29/09/2011
(87) International Publication No :WO 2012/041503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FRANVAX S.R.L.

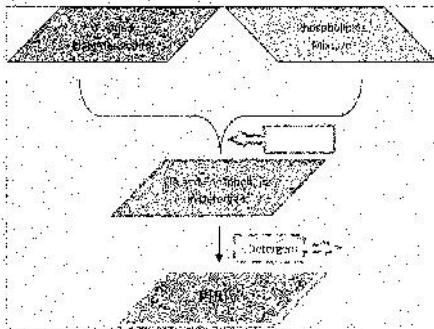
Address of Applicant :Stradale Agnelli Angolo Stradale Lancia, Blocco Plama 1, Zona Industriale, I-95121 Catania, ITALY

(72)Name of Inventor :

1)DI NARO, Maria

(57) Abstract :

The invention relates to the generation of a new class of virosome particles, making use of virus antigens expressed in plant, particularly influenza antigens, and to vaccines, particularly influenza vaccines, containing these virosome particles.



No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.801/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INTEGRATED SYSTEM FOR THE OPENING AND CLOSING OF A SUITCASE FOR MOTORCYCLES AND FOR HOOKING AND RELEASING SUCH A SUITCASE WITH RESPECT TO THE MOTORCYCLE

(51) International classification	:B62J9/00	(71)Name of Applicant :
(31) Priority Document No	:MI2010A 001913	1)GIVI S.R.L. UNIPERSONALE
(32) Priority Date	:19/10/2010	Address of Applicant :Via S. Quasimodo, 45, I-25020 Flero (bs), ITALY
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/054629	1)VISENZI, Giuseppe
Filing Date	:18/10/2011	
(87) International Publication No	:WO 2012/052919	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An opening/closing and hooking/releasing system of a suitcase (10) for motorcycles is described, provided with a lower shell (12), that forms the body of the suitcase (10), and an upper shell (14), that forms the cover and is hinged at the rear to the lower shell (12). On the bottom portion (16) of the lower shell (12) reversible hooking means to a support plate (18) fixed to the motorcycle are provided. On the external surface of the lower shell (12) a plaque (20) is made integral, on which are obtained a first release button (22) of the suitcase (10) with respect to the support plate (18), operatively connected to the aforementioned reversible hooking means, a second opening button (24) of the upper shell (14), operatively connected to hooking means (36,38) hinged to the plaque (20) and able to selectively engage with a corresponding hooking means (42) integral with the upper shell (14), and a locking block (26). The first (22) and the second (24) buttons are mobile with a rectilinear motion along a direction substantially perpendicular to the extension direction of one of the side walls (58) of the lower shell (12). A rotatable under-locking ring (30) is rigidly constrained to the locking block (26), said ring being provided with a pair of counter-posed protruding teeth (32, 34) and able to rotate in support on the side wall (58) to shift from a first simultaneous blocking position of the rectilinear motion of the first (22) and second (24) buttons to a second simultaneous release position of the rectilinear motion of such first (22) and second (24) button.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A STATE SIGNAL

(51) International classification	:H02J3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :Wittelsbacherplatz 2, 80333
(33) Name of priority country	:NA	München, GERMANY
(86) International Application No	:PCT/EP2010/065429	(72)Name of Inventor :
Filing Date	:14/10/2010	1)DZAFIC, Izudin
(87) International Publication No	:WO 2012/048746	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a state signal (Sz) that indicates a state of an energy transmission system, whereby, for pre-determined network nodes of the energy transmission system, electrical measuring values for at least one electrical measuring variable are measured and used to produce the state signal indicating the state. According to the invention, respectively predicted load data that predict the electrical behaviour of the respective load are associated with the electrical loads connected to the energy transmission system; the electrical loads are respectively associated with an electrical load group into which the electrical loads are collected with comparable prognosis reliability; an individual weighting value that describes the prognosis reliability of the predicted load data of the loads associated with the load group is respectively allocated to each load group; and the state signal is formed using the measuring values, the load data and the weighting values.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.772/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF

(51) International classification	:G01N33/50,G01N33/68,G01N33/53
(31) Priority Document No	:61/381,684
(32) Priority Date	:10/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051258
Filing Date	:12/09/2011
(87) International Publication No	:WO 2012/034132
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Cambridge, MA 02139 U.S.A.

(72)Name of Inventor :

- 1)COPELAND, Robert Allen
- 2)RICHON, Victoria Marie
- 3)SCOTT, Margaret Davis
- 4)SNEERINGER, Christopher John
- 5)KUNTZ, Kevin Wayne
- 6)KNUTSON, Sarah Kathleen
- 7)POLLOCK, Roy Macfarlane

(57) Abstract :

The invention relates to inhibition of wild-type and certain mutant forms of human histone methyltransferase EZH2, the catalytic subunit of the PRC2 complex which catalyzes the mono- through tri-methylation of lysine 27 on histone H3 (H3-K27). In one embodiment the inhibition is selective for the mutant form of the EZH2, such that trimethylation of H3-K27, which is associated with certain cancers, is inhibited. The methods can be used to treat cancers including follicular lymphoma and diffuse large B-cell lymphoma (DLBCL). Also provided are methods for identifying small molecule selective inhibitors of the mutant forms of EZH2 and also methods for determining responsiveness to an EZH2 inhibitor in a subject.

No. of Pages : 93 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.804/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRIPPER CONNECTING/SEPARATING DEVICE OF STACKER/RECLAIMER AND METHOD THEREOF

(51) International classification	:B65G63/00,B65G47/95	(71) Name of Applicant : 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant :1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6508670 Japan
(31) Priority Document No	:2010-219815	
(32) Priority Date	:29/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/005451	(72) Name of Inventor :
Filing Date	:28/09/2011	1)NAKANO, Takashi
(87) International Publication No	:WO 2012/042863	2)KAMONO, Tsuyoshi
(61) Patent of Addition to Application Number	:NA	3)UESUGI, Tetsuya
Filing Date	:NA	4)TAMURA, Akihiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject of the present invention is a stacker/reclaimer (1) that is formed from connecting a tripper (6) and that hoistably and rotatably supports a boom (5) at a traveling girder (3) that travels over rails (2). The stacker/reclaimer is provided with: a connector (70) that separably connects the tripper (6) to the traveling girder (3); a tripper holding means (for example, a storm anchor (63)) that holds the tripper at an anchoring position; and a tripper holding detection means (for example, a limit switch (63a)) that detects that the tripper (6) is being held by the tripper holding means. The operation of separating the connector (70) can be performed only when the held state of the tripper (6) is detected. As a result, the tripper (6) can be safely and reliably separated from and then reconnected to the traveling girder (3) without relying on visual confirmation by a worker.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.805/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR REPAIRING A HUMAN OR ANIMAL JOINT

(51) International classification	:A61F2/44,A61F2/00,A61F2/30
(31) Priority Document No	:61/384,922
(32) Priority Date	:21/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH2011/000221
Filing Date	:20/09/2011
(87) International Publication No	:WO 2012/037698
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SpineWelding AG

Address of Applicant :Wagistrasse 6, CH-8952 Schlieren Switzerland

(72)Name of Inventor :

1)MAYER, Jörg

2)AESCHLIMANN, Marcel

3)LEHMANN, Mario

4)WENGER, Andreas

5)GOEBEL-MEHL, Stephanie

(57) Abstract :

A human or animal joint is treated by introduction of a device between the suitably prepared articulating surfaces of the joint, wherein the device is anchored in both these articular surfaces with the aid of a material having thermoplastic properties and with the aid of vibratory energy. For allowing at least limited articulation of the joint after implantation, the device comprises two articulating portions (1 and 2), wherein one of the articulating portions is anchored in each one of the articulating surfaces of the joint. On implantation a proximal face of the device is contacted with a vibrating tool (5) and the vibration is transmitted through parts of the device to locations in which the material having thermoplastic properties is near the bone tissue of the articulating surfaces of the joint and in which liquefaction is desired. The liquefied material penetrates the bone tissue and, on re-solidification forms a positive fit connection between the device and the bone tissue. For achieving targeted and efficient liquefaction and as little energy loss as possible and still allowing articulation of the articulating portions (1 and 2) of the device relative to each other after the implantation, the device is equipped at least for the implantation with a temporal connector portion (4) which connects the two articulating portions (1 and 2) to constitute together with the connector portion (4) and possibly an interface portion (3) a rigid item. The connector portion (4) is removed from the joint immediately after anchoring the articulating portions (1 and 2) or in a second surgical operation after a healing phase in which the joint is immobilized by the connector portion or the connector portion (4) consists of a bio-resorbable or bio degradable material and is removed gradually by bio-resorption or bio-degradation.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

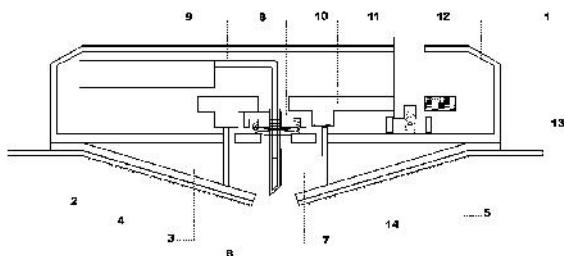
(43) Publication Date : 12/07/2013

(54) Title of the invention : DIAGNOSTIC DEVICE

(51) International classification	:A61B5/157,A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:10186398.3	1)PHARMASENS AG
(32) Priority Date	:04/10/2010	Address of Applicant :Neumattenweg 8, CH-4105 Biel-Benken Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/066074	1)HADVRY, Paul
Filing Date	:16/09/2011	2)TSCHIRKY, Hansjörg
(87) International Publication No	:WO 2012/045561	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved diagnostic analyte monitoring device has partially retractable hollow guide needles for the intradermal placement of diagnostic elements fixedly connected to measuring means within this device obviating the need to remove the guide needle and to connect the diagnostic elements to measuring means after placement into the skin. A flexible surface adhering to the skin serves for the subcutaneous implantation of the diagnostic elements within the guide needles and partial retraction of the guide needles exposes the active surface to body fluid, actuated by means designed for easy handling and safe operation. Concentration -time profiles of endogenous and exogenous analytes measured with the device are used to improve drug treatment modalities on an individualized basis.



No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.775/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : WATER TREATMENT SYSTEM AND METHOD FOR CONTROLLING AERATION AIR QUANTITY THEREOF

(51) International classification	:C02F3/30,C02F3/12	(71) Name of Applicant : 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant :1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6508670 Japan
(31) Priority Document No	:2010-215743	
(32) Priority Date	:27/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/004548	(72) Name of Inventor :
Filing Date	:11/08/2011	1)FUKUMOTO, Koji
(87) International Publication No	:WO 2012/042728	2)OYAMA, Suguru
(61) Patent of Addition to Application Number	:NA	3)YAMAMOTO, Hiroshi
Filing Date	:NA	4)INOMATA, Akihiko
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reclaimed water production system (1) is provided with a series biological reactor (10) comprising an anaerobic tank (3), an anoxic tank (4) and an aerobic tank (5), a first ammonia meter (31) for measuring the ammonia nitrogen concentration of raw water, an aeration air quantity computing unit (41) for generating a target operation quantity, and an aeration air quantity control unit (91) for controlling the aeration air quantity of an aeration device (9) on the basis of the target operation quantity. The aeration air quantity computing unit (41) has a feed forward control system (48) including a feed forward (FF) operation quantity functionF1(x) element (71) for generating a target operation quantity advance signal on the basis of the ammonia nitrogen concentration of the raw water and a waste time element (75) for correcting the time required for the raw water to flow into the aerobic tank (5) relative to the target operation quantity advance signal, and a feedback control system (49) for performing feedback control on the basis of the ammonia nitrogen concentration of the aerobic tank. Meanwhile the follow-up properties of ammonia decomposing ability relative to variations in the ammonia nitrogen concentration of the aerobic tank is enhanced, thereby reducing the aeration air quantity in the aggregate.

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.813/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BLOCK SYNTHESIS OF OLIGORIBONUCLEOTIDES

(51) International classification	:C07H21/02,C07H19/04,C07H21/00
(31) Priority Document No	:61/376,030
(32) Priority Date	:23/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2011/000950
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/024776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY

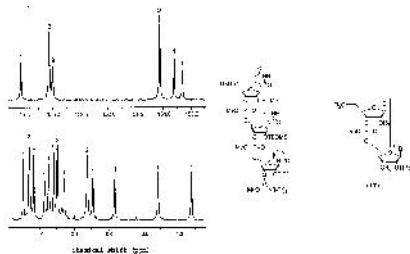
Address of Applicant :845, Sherbrooke Street West, Montreal, Québec H3A 0G4, Canada

(72)Name of Inventor :

- 1)DAMHA, Masad, J.
- 2)HASLTER, Matthew
- 3)CHAN, Tak-Hang
- 4)REDDY, N. Mallikarjuna
- 5)DONGA, Robert Alexander

(57) Abstract :

The invention relates to the chemical synthesis of oligoribonucleotides. In another aspect, the invention relates to compounds of formula (II) : processes for making these compounds, and the use thereof in the chemical synthesis of oligoribonucleotides.



No. of Pages : 206 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.815/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A SOLE ASSEMBLY AND FOR MANUFACTURING A SHOE

(51) International classification	:A43B7/12,A43B13/12,B29D35/12	(71)Name of Applicant : 1)W. L. GORE & ASSOCIATES GMBH Address of Applicant :Hermann-Oberth-Straße 22, 85640 Putzbrunn GERMANY 2)W. L. GORE & ASSOCIATES SCANDINAVIA AB 3)ECCO SKO A/S
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2010/062976	(72)Name of Inventor : 1)BIER, Christian 2)NABERNIK, Stane 3)HÜBNER, Thorger 4)STRÖMFORS, Tore 5)JENSEN, Frank 6)MØLLER HANSEN, Jakob
Filing Date	:03/09/2010	
(87) International Publication No	:WO 2012/028206	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for manufacturing a shoe, comprising the steps of providing an upper assembly with an upper portion comprising an outer material and with a bottom portion; providing a ventilating sole element (161) having a structure or material allowing for air flow through it; placing the ventilating sole element in a mould (220), said mould having pins (221) projecting in a lateral direction; positioning the ventilating sole element and the upper assembly such that an upper part of the ventilating sole element contacts the bottom portion of the upper assembly; closing the mould such that the pins contact a side wall of the ventilating sole element, and injection moulding so as to form a surrounding sole element (195) being fixed to the upper assembly and to the ventilating sole element, said surrounding sole element comprising lateral passages (50) from the outside of the surrounding sole element to the side wall of the ventilating sole element formed by the pins; and after injection moulding, connecting the lateral passages of the surrounding sole element to the structure or material of the ventilating sole element. The invention is also related to a method for manufacturing a corresponding sole assembly.

No. of Pages : 87 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.743/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR COMPILER-BASED VECTORIZATION OF NON-LEAF CODE

(51) International classification	:G06F9/45
(31) Priority Document No	:12/888,644
(32) Priority Date	:23/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/050713
Filing Date	:07/09/2011
(87) International Publication No	:WO 2012/039937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	: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)GONION, Jeffry E.

(57) Abstract :

Systems and methods for the vectorization of software applications are described. In some embodiments, source code dependencies can be expressed in ways that can extend a compiler's ability to vectorize otherwise scalar functions. For example, when compiling a called function, a compiler may identify dependencies of the called function on variables other than parameters passed to the called function. The compiler may record these dependencies, e.g., in a dependency file. Later, when compiling a calling function that calls the called function, the same (or another) compiler may reference the previously-identified dependencies and use them to determine whether and how to vectorize the calling function. In particular, these techniques may facilitate the vectorization of non-leaf loops. Because non-leaf loops are relatively common, the techniques described herein can increase the amount of vectorization that can be applied to many applications.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.744/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : AUDIO STREAM MIXING WITH DIALOG LEVEL NORMALIZATION

(51) International classification	:H03G3/00	(71) Name of Applicant :
(31) Priority Document No	:61/385,428	1)DOLBY LABORATORIES LICENSING CORPORATION
(32) Priority Date	:22/09/2010	Address of Applicant :100 Potrero Avenue, San Francisco, California 94103-4813 U.S.A.
(33) Name of priority country	:U.S.A.	2)DOLBY INTERNATIONAL AB
(86) International Application No	:PCT/US2011/050482	(72) Name of Inventor :
Filing Date	:06/09/2011	1)GROESCHEL, Alexander
(87) International Publication No	:WO 2012/039918	2)WILLIAMS, Phillip A.
(61) Patent of Addition to Application Number	:NA	3)COOPER, Jarret A.
Filing Date	:NA	4)SCHILDBACH, Wolfgang A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for mixing of audio signals that allows maintaining of a consistent perceived sound level for the mixed signal by holding the sound level of the dominant signal in the mix constant by adjusting the sound level of the non-dominant signal(s) in relation to the dominant signal. It further includes receiving of a mixing balance input which denotes the adjustable balance between the main and associated signals. It further includes identification of the dominant signal from the mixing balance input and mixing metadata, from which an appropriate scale factor for the non-dominant signal may also be determined directly from the scaling information, without the need for any analysis or measurement of the audio signals to be mixed. It further includes scaling the non-dominant signal in relation to the dominant signal and combining the scaled non dominant signal with the dominant signal into a mixed signal.

No. of Pages : 51 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.817/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DISUPOSABLE DIAPER

(51) International classification :A61F13/49,A61F13/511
(31) Priority Document No :2010-223115
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072704
 Filing Date :26/09/2011
(87) International Publication No :WO 2012/043843
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant :182, Shimobun, Kinsei-cho,
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(72)Name of Inventor :

1)OHASHI, Naoto

2)YAGO, Toshiya

3)YAMANAKA, Yasuhiro

4)MORI, Hiroki

5)KANEKO, Tomohiro

(57) Abstract :

An object of the present invention is to provide a disposable diaper having excellent top sheet migration speed and absorber migration speed, as well as a satisfactory feeling during wear. The disposable diaper of the present invention is as follows. A disposable diaper comprising a liquid-permeable top sheet, a liquid-impermeable back sheet and an absorber between the top sheet and back sheet, and having a front body waist region, a crotch region and a back body waist region, wherein the top sheet is a nonwoven fabric having on the skin contact surface a plurality of ridges and a plurality of recesses extending in the lengthwise direction of the disposable diaper, and alternating in the widthwise direction perpendicular to the lengthwise direction, the top sheet has point-like compressed sections at a prescribed density in the front body waist region and/or back body waist region, the ridges in prescribed zones having different heights than the adjacent ridges at the same location in the lengthwise direction.

No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.818/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FEEDBACK METHOD, MOBILE TERMINAL DEVICE, AND WIRELESS BASE STATION DEVICE

(51) International classification :H04J99/00,H04B7/04,H04J11/00
(31) Priority Document No :2010-225013
(32) Priority Date :04/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072756
Filing Date :03/10/2011
(87) International Publication No :WO 2012/046688

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

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

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 Japan

(72)Name of Inventor :

1)NAGATA, Satoshi

2)KAKISHIMA, Yuichi

3)TAOKA, Hidekazu

4)KUSUME, Katsutoshi

(57) Abstract :

Precoding weights are reliably generated even in downlink MIMO communication in which multiple transmitting antennas are used. A mode for providing feedback to a wireless base station, including a PTI in a PUCCH, for downlink MIMO communication in which multiple transmitting antennas are used, is characterized in that, when changing the PTI value from 0 to 1, a first feedback information selection unit (109) that selects the same RI as the RI that was ultimately fed back, a multiplexer (115) that multiplexes said RI and the changed PTI in a subframe, and a transmission unit that transmits a multiplexed signal to a wireless base station by PUCCH, are provided.

No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : CRATE

(51) International classification	:B65D6/18
(31) Priority Document No	:12/885,731
(32) Priority Date	:20/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/065106
Filing Date	:01/09/2011
(87) International Publication No	:WO 2012/038230
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IFCO SYSTEMS GMBH

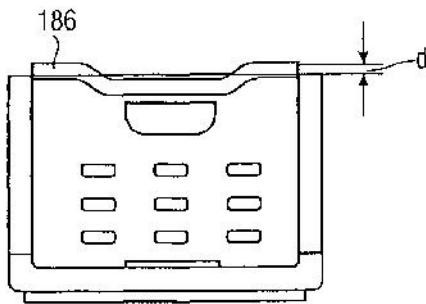
Address of Applicant :Zugspitzstraße 7, 82049 Pullach,
GERMANY

(72)Name of Inventor :

1)ORGELDINGER, Wolfgang

(57) Abstract :

A crate includes a bottom (102) two end walls (106a), and two side walls (108a, 108b). The end walls (106a) and the side walls (108a, 108b) are configured to be foldable with respect to the bottom (102). The end walls (106a) and the side walls (108a, 108b) comprise respective latch elements engaging with each other to form a latch when the end walls (106a) and the side walls (108a, 108b) are in the unfolded state. A latch release mechanism (186) is provided at the respective end walls (106a) or at the respective side walls, wherein the latch release mechanism (186) and/or the latch elements on the respective walls are configured to be movable so as to extend at least partly above an upper edge of the crate for releasing the latch.



No. of Pages : 35 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.761/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE AND PROCESS FOR MACHINING THE HUMAN EYE USING LASER TECHNOLOGY

(51) International classification	:A61F9/01
(31) Priority Document No	:NA
(32) Priority Date	:18/03/2013
(33) Name of priority country	:
(86) International Application No	:PCT/EP2010/005977
Filing Date	:30/09/2010
(87) International Publication No	:WO 2012/041352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WAVELIGHT GMBH

Address of Applicant :Am Wolfsmantel 5, 91058 Erlangen
GERMANY

(72)Name of Inventor :

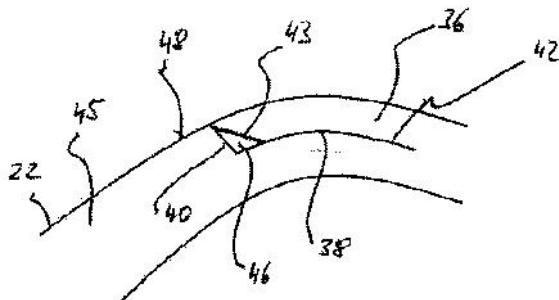
1)DONITZKY, Christof

2)KLENKE, Joerg

3)WUELLNER, Christian

(57) Abstract :

The invention relates to a device for cutting the human cornea (45) using a focused laser beam comprising controllable components for adjusting the location of the beam focus, a control computer for controlling said components and a control program for the control computer. Said control program contains instructions that are designed to produce cuts (38, 40, 43) in the cornea according to a predetermined cutting pattern when said instructions are carried out by the control computer. Said cutting pattern defines a cornea bed (42), a flap (36) arranged on the bed (36) and at least one strip of cornea tissue (46) which extends along the flap edge in the region of the peripheral edge of the flap between the bed and the flap. Once the flap is folded away, said tissue strip can be removed and the flap (36) can be folded back onto the surface of the bed (42) in a fold-free, post-ablative manner. The visual damage to microstrips can also be avoided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.796/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR EYE SURGERY

(51) International classification	:A61F9/007,A61F9/009
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/005975
Filing Date	:30/09/2010
(87) International Publication No	:WO 2012/041350
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WAVELIGHT GMBH

Address of Applicant :Am Wolfsmantel 5, 91058 Erlangen,
GERMANY

(72)Name of Inventor :

1)JEGLORZ, Tobias

2)DONITZKY, Christof

(57) Abstract :

The invention relates to a device for eye surgery comprising a vacuum pump arrangement (44,46) for producing a vacuum for fixing a suction ring (24) to an eye, an evacuation path system (48) for transferring the vacuum to an interface connection (18) that enables the detachable connection of a suction ring apparatus (14) comprising the suction ring, and a control unit (40) for controlling the vacuum pump arrangement. According to the invention, the device comprises pressure measuring components (52,54) for measuring at least the vacuum pressure, said control unit being designed to determine a differential pressure between the measured vacuum pressure and an atmospheric pressure. Preferably, the vacuum pump arrangement is operated under a test operation run, with maximum pump power, when the suction ring apparatus is not connected, in order to determine the best possible relative partial vacuum that can be achieved in the evacuation path system (48). In this way, it can always be determined whether the obtainable relative partial vacuum is sufficient, even when the eye surgery device is used at varying altitudes and under variable weather conditions (low pressure, high pressure).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.829/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SCHEDULING MULTIPLE USERS ON A SHARED COMMUNICATION CHANNEL IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W72/12,H04W28/16,H04L12/56
(31) Priority Document No :61/379,768
(32) Priority Date :03/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/050663
Filing Date :27/05/2011
(87) International Publication No :WO 2012/030271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm, Sweden
(72)Name of Inventor :
1)CRAIG, Stephen
2)BRÄNNSTRÖM, Nils
3)GAIGALAS, Raimundas
4)KHOOSRAVI, Sara

(57) Abstract :

A scheduler for ranking-based scheduling of multiple users on a shared communication channel of a serving base station in a wireless communication system comprises a determiner (42),a priority ranker (44),a user selector (46) and a resource allocator (48). The determiner (42) is configured to determine, for each user of a given traffic class, measured bandwidth share ratios with respect to each of a number of other traffic classes. The priority ranker (44) is configured to determine, for each user, a priority rank based on i) achievable bit rate of the user according to reported channel quality, and ii) a quality of service component representing compliance of the measured bandwidth share ratios to corresponding target bandwidth share ratios. The user selector (46) is configured to select a subset of the users among those users having the highest priority ranks, and the resource allocator (48) is configured to allocate transmission resources of the base station to the selected subset of the users for transmission of user data on the shared communication channel.

No. of Pages : 61 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.741/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CROSS PRODUCT ENHANCED SUBBAND BLOCK BASED HARMONIC TRANSPOSITION

(51) International classification	:G10L21/02,G10L21/04	(71) Name of Applicant : 1)DOLBY INTERNATIONAL AB Address of Applicant :Apollo Building, 3E Herikerbergweg 1-35 NL-1101 CN Amsterdam Zuidoost NETHERLANDA
(31) Priority Document No	:61/383,441	(72) Name of Inventor : 1)VILLEMOES, Lars
(32) Priority Date	:16/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2011/065318	
Filing Date	:05/09/2011	
(87) International Publication No	:WO 2012/034890	
(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 efficient implementation of cross-product enhanced high frequency reconstruction (HFR), wherein a new component at frequency QO + Oq is generated on the basis of existing components at O and QO + q. The invention provides a block-based harmonic transposition, wherein a time block of complex subband samples is processed with a common phase modification. Superposition of several modified samples has the net effect of limiting undesirable intermodulation products, thereby enabling a coarser frequency resolution and/or lower degree of oversampling to be used. In one embodiment, the invention further includes a window function suitable for use with block-based cross-product enhanced HFR. A hardware embodiment of the invention may include an analysis filter bank (101), a subband processing unit (102) configurable by control data (104) and a synthesis filter bank (103).

No. of Pages : 45 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.810/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

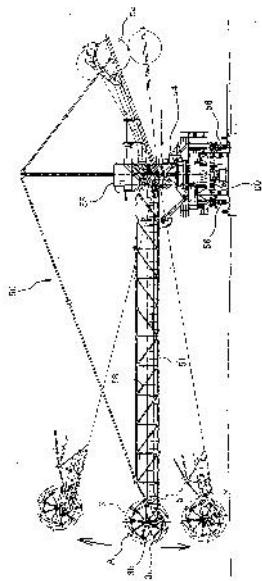
(43) Publication Date : 12/07/2013

(54) Title of the invention : BUCKET-WHEEL DEVICE

(51) International classification	:E02F3/24,E02F3/18	(71)Name of Applicant :
(31) Priority Document No	:2010-219449	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(32) Priority Date	:29/09/2010	Address of Applicant :1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6508670 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2011/005497	1)NAKANO, Takashi 2)KAMONO, Tsuyoshi
Filing Date	:29/09/2011	
(87) International Publication No	:WO 2012/042885	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The objective of the present invention is to provide a bucket-wheel device that can be easily overhauled, can be produced in a short period of time, and can be supplied at a low cost. In the bucket-wheel device (A), a bucket (3c) is disposed at the ends of a plurality of arms (3b) disposed radially from a rotating shaft (3a), the rotating shaft (3a) is driven by a motor (2) through a reduction gear (1), and the bucket-wheel device is used as a payout device for devices such as a reclaimer (50). One end of the rotating shaft (3a) on the reverse side from the reduction gear is rotatably borne in a cantilevered manner at a frame, the other end of the rotating shaft (3a) is coupled to the output shaft (1b) of the reduction gear (1) through a coupling device (4), and the output shaft (2a) of the motor (2) is coupled to the input shaft (1a) of the reduction gear (1).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.811/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONTROL DEVICE FOR VEHICLE

(51) International classification	:F02D41/06,F02D29/00,F02D29/02
(31) Priority Document No	:2010-195252
(32) Priority Date	:01/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068145
Filing Date	:09/08/2011
(87) International Publication No	:WO 2012/029513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor :

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2)**ICHIBA Junso**

3)**KOBAYASHI Shinichi**

4)**OKUMURA Yayoi**

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6)**ONO Masashi**

7)**HAMANO Keisuke**

8)**TOMITA Masayuki**

9)**KOUNO Toshiya**

10)**SATOU Ritsuo**

11)**KOYAMA Hirokimi**

12)**TAKAHATA Toshio**

13)**SHIMIZU Masayuki**

14)**IRIYA Yuuichi**

(57) Abstract :

The combustion mode of an internal combustion engine (1) while a vehicle is stopped during cold start can be switched between homogeneous combustion and stratified combustion. The operating range of the stratified combustion while the vehicle is stopped during cold start is set to become larger with respect to the operating range of the homogeneous combustion as the inclination in the front-rear direction of the vehicle becomes smaller. Consequently, the operating range of the stratified combustion can be enlarged while the inlet negative pressure required for brake performance is ensured ,thereby achieving HC reduction while the vehicle is stopped during cold start.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.812/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : INTERFACE UNIT FOR POSITIONING AN IRRADIATION OBJECT RELATIVE TO A RADIATION SOURCE

(51) International classification	:A61F9/009	(71) Name of Applicant :
(31) Priority Document No	:NA	1)WAVELIGHT GMBH
(32) Priority Date	:NA	Address of Applicant :Am Wolfsmantel 5, 91058 Erlangen,
(33) Name of priority country	:NA	GERMANY
(86) International Application No	:PCT/EP2010/005972	(72) Name of Inventor :
Filing Date	:30/09/2010	1)VOGLER, Klaus
(87) International Publication No	:WO 2012/041347	2)DEISINGER, Thomas
(61) Patent of Addition to Application Number	:NA	3)ROBL, Gerhard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an interface unit (10) for positioning an irradiation object relative to a radiation source, comprising at least one first positioning surface (32) for positioning the interface unit relative to the radiation source and a second positioning surface (22) for contacting the irradiation object. The interface unit provides a path extending through the second positioning surface for the radiation of the radiation source. According to the invention, the interface unit comprises an interface body that is produced as one piece and that forms the at least one first positioning surface (32) and the second positioning surface (22). The interface body is preferably made from a plastic material in an injection compression method in order to achieve the desired high production accuracy.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.759/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CRATE

(51) International classification	:B65D1/42,B65D6/18	(71) Name of Applicant : 1)IFCO SYSTEMS GMBH Address of Applicant :Zugspitzstraße 7, 82049 Pullach, GERMANY
(31) Priority Document No	:12/885,742	
(32) Priority Date	:20/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2011/065101	(72) Name of Inventor : 1)ORGELDINGER, Wolfgang
Filing Date	:01/09/2011	
(87) International Publication No	:WO 2012/038228	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A crate, includes a bottom (102), two end walls, and two side walls (108a). Each of the side walls (108a) comprises a first lateral edge (118) adjacent to the first end wall, a second lateral edge (120) adjacent to the second end wall, a lower edge (124) adjacent to the bottom (102), and an upper edge (122) distant from the bottom (102). Each side wall (108a) comprises a continuous stiffening member (126) extending parallel to the lateral edges (118, 120) and at least partly to the upper edge (124). The continuous stiffening member (126) comprises a stiffening portion (126a, 126c, 126d) extending at least in one area between the lateral edges (118, 120) from the upper edge (122) in the direction towards the lower edge (124) and back to the upper edge (122).

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ULTRA LIGHTWEIGHT AND COMPACT ACCUMULATOR

(51) International classification	:F16L55/04
(31) Priority Document No	:61/385,328
(32) Priority Date	:22/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/049729
Filing Date	:30/08/2011
(87) International Publication No	:WO 2012/039899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIMO-REID, INC.

Address of Applicant :420, Carey Street, Deerfield, MI
49238, U.S.A.

(72)Name of Inventor :

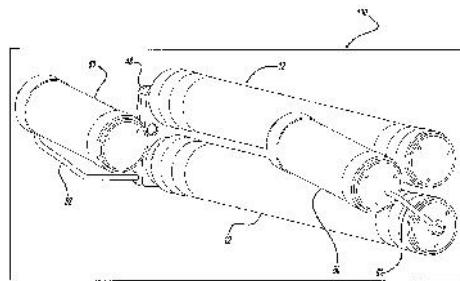
1)O'BRIEN, James, A. II

2)WITTE, Matthew, W.

3)FRANK, George, J.

(57) Abstract :

An accumulator assembly (10) comprises an accumulator cylinder (12) formed of a cylindrical, gas-impermeable shell (18) and a cylindrical gas-impermeable sleeve (20) disposed within and substantially concentric with the shell (18). An interstitial space (30) is formed between the sleeve (20) and the shell (18). A piston (22) slidably is disposed within the sleeve (20), the piston (22) separating an interior of the sleeve (20) into a first chamber (29) configured to contain a compressed gas, and a second chamber (31) configured to contain a pressurized fluid. A pair of removable axial closures (14, 16) retained to the gas-impermeable sleeve (20) at opposing ends and sealingly engaged with corresponding opposing ends of the gas-impermeable shell (18) is configured to provide maximum resistance to the tensional stress of the sleeve (20).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.794/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPUTER SUPPORT

(51) International classification	:A47B21/04,A47B3/00,A47B23/06
(31) Priority Document No	:2010903766
(32) Priority Date	:23/08/2010
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2011/001078
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/024723
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**JASNEY HOLDINGS PTY LTD.**

Address of Applicant :29 Alexandra Road, East Fremantle,
Western Australia 6158, Australia

(72)Name of Inventor :

1)**CICCOTOSTO, Mario**

(57) Abstract :

A computer support for a notebook or laptop computer is disclosed. The computer support provides a supported surface on which the computer can be used by a standing computer user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.795/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR WHITE SPACE ALLOCATION

(51) International classification	:H04W52/34,H04W52/28,H04W52/24
(31) Priority Document No	:61/378,042
(32) Priority Date	:30/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/051370
Filing Date	:13/12/2010
(87) International Publication No	:WO 2012/030266
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-164 83 Stockholm, Sweden

(72)Name of Inventor :

1)KRONANDER, Jonas
2)SACHS, Joachim
3)IRNICH, Tim

(57) Abstract :

The disclosure relates to a network node of a wireless network, and to a related method of controlling interference generated by at least one white space device controlled by the network node. The method comprises transmitting (520) a request for information regarding channels available for secondary usage to the remote entity and receiving (530) information from the remote entity the information indicating a channel available for secondary usage, a critical position associated with said channel and an interference threshold for the critical position. The method also comprises deriving (540) a constraint for the allocation of said channel to the at least one white space device, based on a position of the at least one white space device, the critical position, and the interference threshold, and allocating (550) said channel and a transmit power to the at least one white space device based on the derived constraint, whereby the interference generated in the critical position by the at least one white space device is kept below the interference threshold.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.834/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHODS FOR TREATING AUTOIMMUNE DISEASE USING BIOCOMPATIBLE BIOABSORBABLE NANOSPHERES

(51) International classification :A61K39/00,A61K39/385,A61K47/48
(31) Priority Document No :61/387,873
(32) Priority Date :29/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/066994
Filing Date :29/09/2011
(87) International Publication No :WO 2012/041968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Suite 130 3553-31 Street NW,
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(72)Name of Inventor :

1)SANTAMARIA, Pedro

(57) Abstract :

The methods include selectively reducing or expanding T cells according to the antigenic specificity of the T cells using biocompatible bioabsorbable nanospheres. Therefore, the present invention can be used to reduce or eliminate pathogenic T cells that recognize autoantigens, such as beta cell specific T cells. As such, the present invention can be used to prevent, treat or ameliorate autoimmune diseases such as IDDM. Furthermore, the present invention can be used to expand desirable T cells, such as anti-pathogenic T cells to prevent, treat and/or ameliorate autoimmune diseases.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.798/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FILM EXTRUSION DIE

(51) International classification	:B29C47/20,B29C47/70
(31) Priority Document No	:102010053775.6
(32) Priority Date	:08/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/068706
Filing Date	:26/10/2011
(87) International Publication No	:WO 2012/076245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Lengerich, GERMANY

(72)Name of Inventor :

1)BACKMANN Martin

2)SENSEN Klemens

(57) Abstract :

The invention relates to a film extrusion die (1) for producing a single-layer or multilayer blown film. Said film extrusion die (1) comprises at least one melt gap (4) for forming a film layer, said melt gap (4) being formed between two boundary walls (5, 6). At least one melt line (22) opens into the melt gap (4) and becomes a first melt duct (4) within the melt gap (4), said melt duct (4) being formed by recesses (3, 7) in the two boundary walls (5, 6) of the melt gap (4) in at least one sub section (11, 12, 13, 14) of the extension of the at least one first melt duct (10). The melt duct (10) distributes the melt in the melt gap (4) while tapering in the direction of travel of the melt (4) and merging entirely with the melt gap (4) in the end region (14) thereof (10). The novelty and inventiveness is considered to lie in the fact that in one of its sections (11, 12, 13, 14), the at least one first melt duct (10) is formed exclusively by recesses (3, 7) in one of its two boundary walls (5, 6).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.799/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SQUIRREL-CAGE ROTOR

(51) International classification	:H02K17/16,H02K15/00
(31) Priority Document No	:10 2010 041 795.5
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/066954
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/041943
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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München, GERMANY

(72)Name of Inventor :

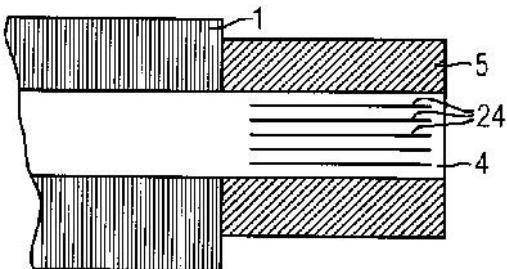
1)BÜTTNER Klaus

2)MÜLLER Michael

3)WÖHNER Norbert

(57) Abstract :

A squirrel-cage rotor of an asynchronous machine has a rotor bar (4) in a rotor stack (1), wherein the bar (4) can be tipped at a tipping point (11, 12, 13) when the bar (4) has not yet been cast. The rotor bar (4) can also have a duct (27) on a radial outer face, the opening (29) in said duct (27) being wider than the shoulders (32,33) of the bar (4) on the radial outer face thereof.



No. of Pages : 45 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.831/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRO-MECHANICAL INTERFACE

(51) International classification	:G01D11/02,G01D11/16
(31) Priority Document No	:1015266.8
(32) Priority Date	:14/09/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001259
Filing Date	:22/08/2011
(87) International Publication No	:WO 2012/035286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABU AL-RUBB, Khalil

Address of Applicant :Flat 11, 1-7 Queens Gate Gardens, Campbell Court, London SW7 4PB, U.K.

(72)Name of Inventor :

1)ABU AL-RUBB, Khalil

(57) Abstract :

An embodiment of the invention extends to an interface for converting rotational motion to electrical signals comprising a mechanical actuator which is rotationally moveable in a first direction, and in a second direction and a first and a second electrical component connected to the actuator and arranged so that rotation of the actuator in the first direction causes changes in electrical properties of the first electrical component and rotation of the actuator in the second direction causes changes in electrical properties of the second electrical component. The first and the second electrical components are connected to one or more electrical circuits so that rotation of the actuator in the first and the second directions causes changes in the one or more electrical circuits.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.832/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ANTI-CD48 ANTIBODIES AND USES THEREOF

(51) International classification	:C07K16/28	(71) Name of Applicant :
(31) Priority Document No	:61/386,746	1)REGENERON PHARMACEUTICALS, INC.
(32) Priority Date	:27/09/2010	Address of Applicant :777 Old Saw Mill River Road, Tarrytown, New York 10591 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/053193	1)CLASSON, Brendan, J.
Filing Date	:26/09/2011	2)KOSTIC, Ana
(87) International Publication No	:WO 2012/047567	3)DUAN, Xunbao
(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 antibodies that bind to CD48 and methods of using same. According to certain embodiments of the invention, the antibodies are fully human antibodies that bind to human CD48. In certain embodiments, the antibodies of the present invention block the binding of CD48 to one or more CD48 receptor. The antibodies of the invention are useful, inter alia, for the treatment of diseases and disorders associated with one or more CD48 biological activities, including the treatment of allergic conditions and other inflammatory conditions.

No. of Pages : 164 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.833/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : PUMP AROUND REACTOR FOR PRODUCTION OF ACETIC ACID

(51) International classification	:C07C51/12,C07C53/08	(71) Name of Applicant : 1)CELANESE INTERNATIONAL CORPORATION Address of Applicant :1601 West LBJ Freeway, Dallas, Texas 75234, U.S.A.
(31) Priority Document No	:12/890,383	
(32) Priority Date	:24/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/051168	(72) Name of Inventor : 1)ZINOBILE Raymond J
Filing Date	:12/09/2011	
(87) International Publication No	:WO 2012/039973	
(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 improved processes for the manufacture of acetic acid. A pump around reactor is used to produce additional heat for the production of steam. The pump around reactor receives a portion of the reaction solution produced by the carbonylation reactor and further reacts that portion with additional carbon monoxide and/or reactants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : CARTRIDGE FILTER

(51) International classification	:B01D39/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2010/053591
Filing Date	:09/08/2010
(87) International Publication No	:WO 2012/020280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Johnsen Oil A/S

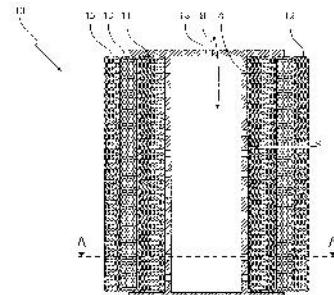
Address of Applicant :Lysbjergvej 11 Hammelev 6500
Vojens Denmark

(72)Name of Inventor :

1)KRISTIANSEN, Ingolf

(57) Abstract :

A first aspect of the present invention pertains to a filter comprising a tubular core with a plurality of apertures and a hollow interior, said core having an open end for fluid communication with the hollow interior, a length of yarn wound in a series of at least three layers around an outer surface of the core, wherein two consecutive layers have been wound in accordance with different winding patterns A second aspect pertaining to the a filter, wherein the yarn comprises a mixture of natural and synthetic fibers, wherein the natural fibers constitutes less than 40% of the yam, and the reminder constitutes fibers or a mix of fibers made from one or more of the following synthetic materials: acryl, polyester, flax, polyamide, acetate. The invention furthermore pertains to a method of manufacturing a filter according to one or both of the above mentioned aspects.



No. of Pages : 38 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION

(21) Application No.637/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K31/4985	(71) Name of Applicant :
(31) Priority Document No	:61/383,541	1)VIV HEALTHCARE COMPANY
(32) Priority Date	:16/09/2010	Address of Applicant :Five Moore Drive Research Triangle Park, NC 27709 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/051713	1)MUNDHRA, Deepak B.
Filing Date	:15/09/2011	2)PAN, Rennan
(87) International Publication No	:WO 2012/037320	
(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 pharmaceutical compositions of (3S,11aR)- N-[(2,4-difluorophenyl)methyl]-2,3,5,7,11,11a-hexahydro-6-hydroxy-3-methyl-5,7- dioxo-oxazolo[3,2-a]pyrido[1,2-d]pyrazine-8-carboxamide, useful in the treatment or prevention of Human Immunodeficiency Virus (HIV) infections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.638/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ARRANGEMENT FOR A SURFACE AREA ADJUSTMENT OF A RECIPROCATING WING SYSTEM IN A WAVE ENERGY RECOVERY SYSTEM

(51) International classification	:F03B13/18,F03B15/00	(71) Name of Applicant : 1)AW-ENERGY OY Address of Applicant :Kolamiilunkuja 6, FI-01730 Vantaa Finland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/FI2010/050653	(72) Name of Inventor : 1)JÄRVINEN, Arvo 2)KOIVUSAARI, Rauno
Filing Date	:18/08/2010	
(87) International Publication No	:WO 2012/022825	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an arrangement for a surface area adjustment of a reciprocating wing system in a wave energy recovery system where the wave energy recovery system comprises at least a body (2), a set of wings (3a) fastened to a support means (6) that is hinged at its lower ends onto the body (2) to make a reciprocating motion in response to kinetic energy of waves or tidal cur-rents, and a power-take-off (PTO) means (3b). The arrangement comprises at least adjustment means (12) capable to adjust the total effective surface area of the wings (3a).

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.840/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : VENTILATING SOLE ELEMENT FOR A SHOE AS WELL AS SOLE ASSEMBLY AND WATERPROOF, BREATHABLE SHOE COMPRISING THE SAME

(51) International classification :A43B7/12,A43B13/12,A43B7/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/062983
Filing Date :03/09/2010
(87) International Publication No :WO 2012/028209
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)NABERNIK, Stane

3)HÜBNER, Thorger

4)STRÖMFORS Tore

5)JENSEN, Frank

6)MÜLLER HANSEN, Jakob

(57) Abstract :

A ventilating sole element (173) for a shoe according to the present invention comprises a side wall (608). A channel structure (178) is formed in the ventilating sole element (173) that comprises a plurality of channels (181,183,184). At least some of the lateral ends of said channels (181,183,184) are formed as air and moisture discharging ports (182), and at least one of the channels (181,183,184) is a peripheral channel (183) that intersects with a plurality of channels (181,184). The channels (181,183,184) and the side wall (608) form functional pillars (400,401); and said ventilating sole element (173) has a ratio of top surface area (Ap) of the functional pillars (400,401) to top surface area (Ac) of the channels (181,183,184) between 0.5 and 5.

No. of Pages : 94 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

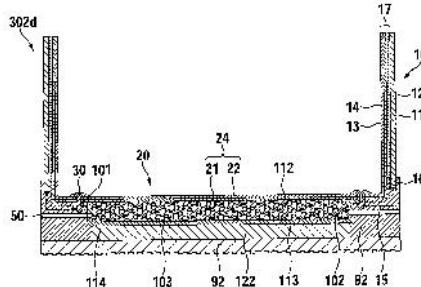
(43) Publication Date : 12/07/2013

(54) Title of the invention : SHOE, SOLE ASSEMBLY FOR A SHOE, METHOD FOR MANUFACTURING A SOLE ASSEMBLY AND METHOD FOR MANUFACTURING A SHOE

(51) International classification	:A43B7/12,A43B13/12,A43B7/08	(71) Name of Applicant :
(31) Priority Document No	:NA	1) W. L. GORE & ASSOCIATES GMBH
(32) Priority Date	:NA	Address of Applicant : Hermann-Oberth-Straße 22, 85640 Putzbrunn GERMANY
(33) Name of priority country	:NA	2) W. L. GORE & ASSOCIATES SCANDINAVIA AB
(86) International Application No	:PCT/EP2010/062977	3) ECCO SKO A/S
Filing Date	:03/09/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2012/028207	1) BIER, Christian
(61) Patent of Addition to Application Number	:NA	2) NABERNIK, Stane
Filing Date	:NA	3) HÜBNER, Thorger
(62) Divisional to Application Number	:NA	4) STRÖMFORS, Tore
Filing Date	:NA	5) JENSEN, Frank
		6) MÜLLER HANSEN, Jakob

(57) Abstract :

A shoe according to the invention comprises an upper assembly comprising an upper portion (10) having an outer material (11) for surrounding a foot and a lower portion (20) having at least a breathable layer (21). The shoe also comprises a sole comprising a ventilating container element (113) having a bottom part (103) and a side wall (102) surrounding said bottom part (103) so as to form an inner space of the ventilating container element (113), the ventilating container element being arranged below and attached to the upper assembly, and a filler structure or material (61; 62; 63; 64; 65; 112) allowing for air flow through it placed in the inner space of the ventilating container element (113).



No. of Pages : 83 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2013

(21) Application No.770/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : THERAPEUTIC VAPORIZER

(51) International classification	:A61M16/00
(31) Priority Document No	:61/385,403
(32) Priority Date	:22/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/052835
Filing Date	:22/09/2011
(87) International Publication No	:WO 2012/040512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :5538 La Jolla Boulevard, Suite 3C,
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2)PRATT Jr., Robert, Irving

(72)Name of Inventor :

1)YOUNG, Joshua, Smith

2)PRATT Jr., Robert, Irving

(57) Abstract :

A therapeutic vaporizer is disclosed having two or more housing portions configured to form an inner cavity. The housing portions are movable between an open and closed position, such that at least a portion of the inner cavity is enclosed when the housing portions are in the closed position. The vaporizer includes at least one accessory-receiving element configured to receive at least one accessory within the inner cavity when the housing portions are in the closed position.

No. of Pages : 64 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.808/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING FLOW RATES OF FLUID FLOWS TO PARALLEL REACTORS

(51) International classification	:B01J19/00,C40B60/12,G01N31/10
(31) Priority Document No	:2005476
(32) Priority Date	:07/10/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2011/050665
Filing Date	:03/10/2011
(87) International Publication No	:WO 2012/047095
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AVANTIUM HOLDING B.V.

Address of Applicant :29, Zekeringstraat, NL-1014 BV
Amsterdam The Netherlands

(72)Name of Inventor :

1)MOONEN, Roelandus Hendrikus Wilhelmus

(57) Abstract :

The invention relates to a system for measuring flow rates of fluid flows to parallel reactors, comprising: -a common feed line, -a plurality of reactor feed lines for receiving a reactor fluid flow, -a measurement line, and -a valve system, comprising one or more valves and a valve control unit for controlling the one or more valves, the valve system being arranged and/or adapted such that it can assume a measurement setting in which the valves redirect one of the reactor feed flows such that it flows through the measurement line.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOLECULAR INTERACTION BETWEEN XA10 AND AVRXA10

(51) International classification :C12N15/29,A01H5/00,C12N5/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2010/000324
Filing Date :06/09/2010
(87) International Publication No :WO 2012/033462
Application Number :NA
Filing Date :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :1 Research Link, National University of Singapore, 117604 Singapore

(72)Name of Inventor :
**1)YIN, Zhong Chao
2)GU, Ke Yu
3)TIAN, Dong Sheng**

(57) Abstract :

The present invention provides nucleic acids and methods for conferring resistance to bacterial disease in plants. The present invention also provides promoters and promoter sequences useful for controlling expression in transgenic plants.

No. of Pages : 67 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.846/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SUBSTITUTED 2-OXO- AND 2-THIOXO-DIHYDROQUINOLINE-3-CARBOXAMIDES AS KCNQ2/3 MODULATORS

(51) International classification :C07D215/54,A61K31/4704,A61P25/00
(31) Priority Document No :10008920.0
(32) Priority Date :27/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004280
Filing Date :26/08/2011
(87) International Publication No :WO 2012/025239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GRÜNENTHAL GMBH

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(72)Name of Inventor :

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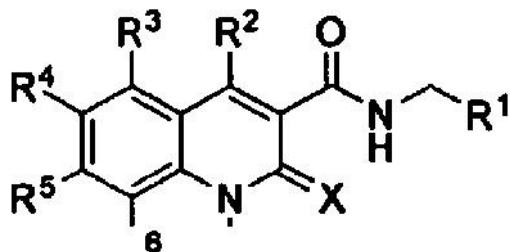
2)BAHRENBERG Gregor

3)KLESS Achim

4)SCHRÖDER Wolfgang

(57) Abstract :

The invention relates to substituted 2-oxo-and 2-thioxo-dihydroquinoline-3-carboxamides to pharmaceutical compositions containing these compounds and also to these compounds for use in the treatment and/or prophylaxis of pain and further diseases and/or disorders.



No. of Pages : 96 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.847/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BRUSH UNIT

(51) International classification	:B24B29/00,B24B39/00,B24D13/10
(31) Priority Document No	:102010046398.1
(32) Priority Date	:24/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/066602
Filing Date	:23/09/2011
(87) International Publication No	:WO 2012/038537
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MONTI-WERKZEUGE GMBH

Address of Applicant :Reisertstraße 21, 53773 Hennef,
GERMANY

(72)Name of Inventor :

1)JANNASCHK Volker

(57) Abstract :

The present invention relates to a brush unit (3) and to an associated rotary brush tool. The brush unit (3) is equipped with a brush holder (10, 11), which can be driven in rotation, and with an annular brush (4, 5) with a bristle covered rim (8) with outwardly protruding bristles (5). Furthermore, a stop means (14) which dips into the rotating bristle-covered rim (8) is provided. According to the invention the stop means (14) simultaneously acts as an abrasive body (14) for the bristles (5). In this case, a distinction is made between both functions (stopper function and abrasive function) according to a direction of rotation (R) of the annular brush (4, 5) and/or a setting position of the stop means (14) as compared to the bristle-covered rim (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : REFRIGERATION CIRCUIT

(51) International classification	:F25B43/00,F25B1/00	(71)Name of Applicant :
(31) Priority Document No	:2010222719	1)DAIKIN INDUSTRIES, LTD.
(32) Priority Date	:30/09/2010	Address of Applicant :Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 530- 8323,Japan
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/071612	
Filing Date	:22/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/043377	1)OKUDA Noriyuki
(61) Patent of Addition to Application Number	:NA	2)SETOGUCHI Takayuki
Filing Date	:NA	3)TANIMOTO Keisuke
(62) Divisional to Application Number	:NA	4)OKUI Takamune
Filing Date	:NA	

(57) Abstract :

Provided is a refrigeration circuit that is capable of storing excess coolant arising during a cooling operation when the capacity of an outdoor heat exchanger is less than the capacity of an indoor heat exchanger. In the refrigeration circuit (11), the indoor heat exchanger (51) is a cross-fin heat exchanger and the outdoor heat exchanger (25) is a stacked heat exchanger. Also, a coolant reservoir tank (27) is provided between the outdoor heat exchanger (25) and an expansion valve (29). The capacity of the outdoor heat exchanger (25) becomes less than the capacity of the indoor heat exchanger (51) and so excess coolant arises during the cooling operation, but in this refrigeration circuit (11), the excess coolant is stored in the coolant reservoir tank (27), and so the occurrence of obstacles to coolant control is prevented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.852/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR OPERATING A COMBINED GAS AND STEAM TURBINE SYSTEM, GAS AND STEAM TURBINE SYSTEM FOR CARRYING OUT SAID METHOD, AND CORRESPONDING CONTROL DEVICE

(51) International classification	:F22B35/10	(71)Name of Applicant :
(31) Priority Document No	:10 2010 042 458.7	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:14/10/2010	Address of Applicant :Wittelsbacherplatz 2, 80333
(33) Name of priority country	:Germany	München, GERMANY
(86) International Application No	:PCT/EP2011/067393	(72)Name of Inventor :
Filing Date	:05/10/2011	1)BRÜCKNER, Jan
(87) International Publication No	:WO 2012/049056	2)BURGEMEISTER, Antje
(61) Patent of Addition to Application Number	:NA	3)THOMAS, Frank
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for operating a combined gas and steam turbine system comprising a gas turbine (GT), a waste heat steam generator which is located downstream of the gas turbine (GT) in the direction of flow of the exhaust gas or fuel gas and includes at least one evaporator heating area (6) through which a moving fluid can flow, and a steam turbine (DT) which is located downstream of the waste heat steam generator in the direction of flow of the moving fluid. The moving fluid is fed to the waste heat steam generator in the form of feed water, a primary control loop being provided for predictively controlling the feed water flow rate. Taking into account the heat stored in the components in the evaporator heating area, a primary desired value for the feed water flow rate is determined on the basis of a desired overheating value that is characteristic of the temperature by which the moving fluid exceeds its boiling point as the moving fluid exits the evaporator heating area (6) and on the basis of a heat flow parameter that is characteristic of the heat flow transferred from the fuel gas to the moving fluid via the evaporator heating area (6), and the feed water flow rate is adjusted accordingly. The proposed method is characterized in that the desired overheating value is lowered from a normal value defined for the stationary operation of the gas and steam turbine system at a comparatively high efficiency to a smaller activation value in order to activate a temporarily available instantaneous power reserve.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.853/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR CONTROLLING A SHORT-TERM INCREASE IN POWER OF A STEAM TURBINE

(51) International classification :F01K23/10,F22G5/12,F01K13/02
(31) Priority Document No :10 2010 041 964.8
(32) Priority Date :05/10/2010
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2011/067294
Filing Date :04/10/2011
(87) International Publication No :WO 2012/045730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY

(72)Name of Inventor :

1)EFFERT, Martin

2)THOMAS, Frank

(57) Abstract :

The invention relates to a method for controlling a short-term increase in power in a steam turbine by means of a fossil-fired steam generator (1) which is mounted upstream. Said generator (1) comprises a plurality of economiser, evaporator and overheating heating surfaces (4) which form a flow path (2) and are traversed by a flow medium (M). According to the invention, in a pressure step, a flow medium (M) deviates from the flow path (2) and is injected into the flow path, on the flow medium side, upstream of an overheating surface (4) of the respective pressure step and a first characteristic value for the difference between the outlet temperature of the last overheating surface of the respective pressure step, on the flow medium side, and a predetermined desired temperature value is used as the control variable for the amount of the injected flow medium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.854/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : IMIDAZO[4, 5-C]QUINOLINES AS DNA-PK INHIBITORS

(51) International classification :C07D215/44,C07D471/04,A61K31/4745
(31) Priority Document No :10 2010 035 744.8
(32) Priority Date :28/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003744
Filing Date :26/07/2011
(87) International Publication No :WO 2012/028233
(61) Patent of Addition to :NA
Application Number :NA
Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

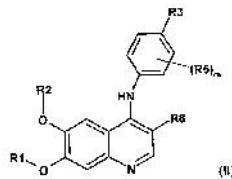
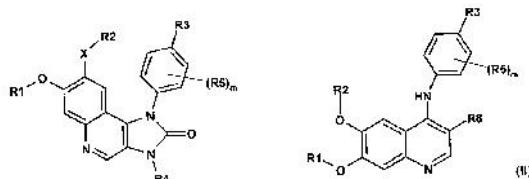
1)FUCHSS, Thomas

2)MEDERSKI, Werner

3)ZENKE, Frank

(57) Abstract :

The invention relates to compounds of the formulae (I) and (II) in which R1,R2,R3,R4,R5,R8 X and m are each as defined in the claims and/or the physiologically acceptable salts, tautomers and stereoisomers thereof, including the mixtures thereof in all ratios. The compounds of the formula (I) can be used for inhibition of serine/threonine protein kinases and for sensitization of cancer cells to anticancer drugs and/or ionizing radiation. The invention also provides for the use of the compounds of the formula (I) in the prophylaxis, treatment or monitoring the course of cancer tumors, metastases or angiogenetic disorders, in combination with radiotherapy and/or an anticancer drug. The invention further relates to a process for preparing the compounds of the formula (I) by reacting compounds of the formula (II) and optionally converting a base or acid of the compounds of the formula (I) to one of the salts thereof.



No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.565/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :31/03/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR REDUCING INTERNAL FLASH DURING WELDING OF BOILER TUBES BY MAGNETICALLY IMPELLED ARC BUTT WELDING PROCESS

(51) International classification	:B23K26/20	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GENGUSAMY NAIDU BUVANASHEKARAN
(62) Divisional to Application Number	:NA	2)SIVASANKARAN MANOHARAN
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of reducing the internal flash generated during a solid state joining process of thick-walled tubes, with a reconfiguration of the internal bore of the tubes, the method comprising the steps of carrying out an internal bore configuration of the tubes with a bore depth of 0.5 to 1.5 mm wherein the outer diameter of the tube and the wall thickness of the tube varying respectively between 40 to 60mm, and 4 to 8 mm; and restricting the optimum bore length in the range of 1 to 2.5 mm. the invention further relates to a method of reducing the internal flash generated during a solid state joining process of thick-walled tubes with an improved internal chamfer design, the method comprising the steps of chamfering the internal diameter corner or edge of the tubes with a predetermined chamfer length and depth including a chamfer angle, wherein the predetermined chamfer length, the chamfer depth, and the chamfer angle can be optimized respectively to 1.0 to 2.0 mm, 0.5 to 2.0 mm, and 30° to 60° depending on wall thickness for example 4 to 8mm of the tubes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.825/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : POLYPROPYLENE WITH LIVING HINGE PROPERTIES

(51) International classification :C08L23/14,C08F10/06,C08F297/08
(31) Priority Document No :10186753.9
(32) Priority Date :06/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/067402
Filing Date :05/10/2011
(87) International Publication No :WO 2012/045782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BOREALIS AG

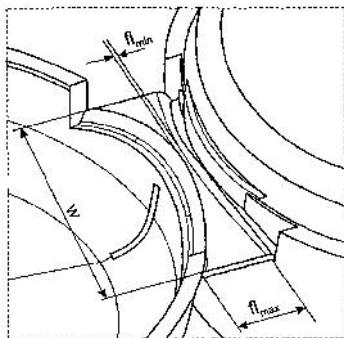
Address of Applicant :IZD Tower Wagramerstraße 17-19
A-1220 Vienna, AUSTRIA

(72)Name of Inventor :

1)KHEIRANDISH, Saeid
2)DOSHEV, Petar
3)REISECKER, Michael
4)FRIEL, David
5)SIMON, Sybille

(57) Abstract :

The present invention relates to a polypropylene which has-a melt flow rate MFR(230°C,2.16 kg) of at least 13 g/10 min, an amount of xylene solubles XS of 6.0 wt% or less, and a crystalline fraction, wherein at least 10 % of the crystalline fraction melts the temperature range of from 160 to 170°C,as determined by the stepwise isothermal segregation technique (SIST).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.826/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : HIGH EFFICIENCY POWER PRODUCTION METHODS, ASSEMBLIES, AND SYSTEMS

(51) International classification :F01D5/08,F01D5/18,F01D25/14
(31) Priority Document No :61/385,039
(32) Priority Date :21/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052375
Filing Date :20/09/2011
(87) International Publication No :WO 2012/040214
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :300 Fuller Street, Durham, North Carolina 27701, U.S.A.

2)8 RIVERS CAPITAL, LLC

(72)Name of Inventor :

1)PALMER, Miles R.

2)ALLAM, Rodney John

3)FETVEDT, Jeremy Eron

(57) Abstract :

The present disclosure provides methods, assemblies, and systems for power production that can allow for increased efficiency and lower cost components arising from the control, reduction, or elimination of turbine blade mechanical erosion by particulates or chemical erosion by gases in a combustion product flow. The methods, assemblies, and systems can include the use of turbine blades that operate with a blade velocity that is significantly reduced in relation to conventional turbines used in typical power production systems. The methods and systems also can make use of a recycled circulating fluid for transpiration protection of the turbine and/or other components. Further, recycled circulating fluid may be employed to provide cleaning materials to the turbine.

No. of Pages : 65 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.860/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : BIOCHEMICAL ANALYSIS APPARATUS AND ROTARY VALVE

(51) International classification	:G01N33/487,F16K11/085,B01L3/00
(31) Priority Document No	:1016606.4
(32) Priority Date	:01/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001432
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/042226
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Edmund Cartwright House 4, Robert Robinson Avenue, Oxford Science Park, Oxford OX4 4GA, U.K.

(72)Name of Inventor :

1)JONES Anthony

(57) Abstract :

An analysis apparatus for performing biochemical analysis of a sample using nanopores comprises: a sensor device that supports plural nanopores, reservoirs holding material for performing the analysis; a fluidics system; and plural containers for receiving respective samples, all arranged in a cartridge that is removably attachable to an electronics unit arranged to generate drive signals to perform signal processing circuit to generate output data representing the results of the analysis. The fluidics system supplies samples selectively from the containers to the sensor device using a rotary valve. In one valve, a stator defines a plurality of first ports arranged around the rotational axis and a collection chamber extending in around the axis of rotation in communication with a second port. A rotor provides a passage extending between the collection chamber and a position in communication with any one of the plurality of first ports. In another valve a stator defining a plurality of first ports in an annular surface facing the rotational axis, and a rotor is mounted inside a liner arranged between the annular surface of the stator and a facing annular surface of the rotor. The liner has a greater compliance than the rotor and stator to facilitate sealing.

No. of Pages : 58 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : VACUUM TREATMENT PLANT

(51) International classification	:H01L21/00	(71) Name of Applicant :
(31) Priority Document No	:761/04	1)OERLIKON SOLAR AG.
(32) Priority Date	:30/04/2004	Address of Applicant :TRUEBBACH, HAUPTSTRASSE
(33) Name of priority country	:Switzerland	1A 9477 TUEBBACH, Switzerland
(86) International Application No	:PCT/CH2005/000150	(72) Name of Inventor :
Filing Date	:14/03/2005	1)BUECHEL, ARTHUR
(87) International Publication No	: WO/2005/106917	2)WIELAND, WERNER
(61) Patent of Addition to Application Number	:NA	3)ELLERT, CHRISTOPH
Filing Date	:NA	4)SANSONNENS, LAURENT
(62) Divisional to Application Number Filed on	:3523/KOLNP/2006 :24/11/2006	

(57) Abstract :

The invention relates to a Vacuum treatment plant comprising: a. a vacuum container (105a), in it a first flat metallic electrode face (EH); b. a second electrode face (EF2) towards the first dielectric electrode that forms a surface of a electric laminar array (27); c. a metallic coupling face (KF) towards the back side (ER) of the laminar array (27); d. electrical connections to the coupling face(KF) and to the first electrode face (EFi); e. a gas pipe (17) through the coupling face (KF) and a laminar distributed pattern of opening (29) through the laminar array (27), wherein the laminar dielectric array (27) is formed by several mutually distant ceramic tiles (50), and wherein said distributed pattern of openings (29) being formed by gaps mutually separating the ceramic tiles (50).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.827/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD OF USING CARBON DIOXIDE IN RECOVERY OF FORMATION DEPOSITS

(51) International classification	:E21B36/02,E21B43/16,E21B43/40
(31) Priority Document No	:61/385,069
(32) Priority Date	:21/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/052307
Filing Date	:20/09/2011
(87) International Publication No	:WO 2012/040169
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PALMER LABS, LLC

Address of Applicant :300 Fuller Street, Durham, North Carolina 27701, U.S.A.

2)8 RIVERS CAPITAL, LLC

(72)Name of Inventor :

1)PALMER, Miles R.

2)ALLAM, Rodney John

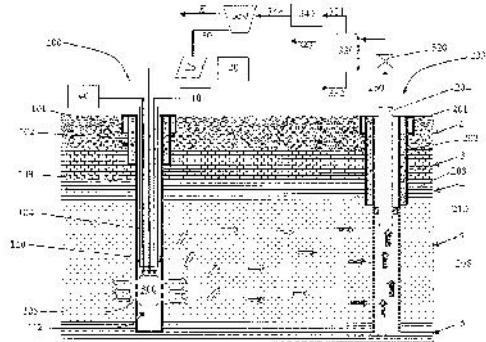
3)FETVEDT, Jeremy Eron

4)FREED, David Arthur

5)BROWN, Glenn, William, JR.

(57) Abstract :

The present invention relates to systems, apparatuses, and methods for providing a reliable, high purity source of CO₂ that is used in the recovery of formation deposits, such as fossil fuels. At least a portion of the fossil fuels recovered may be directly combusted or extracted using the same process used to provide the pure source of CO₂ without the need to first remove CO₂,sulfur,other fossil fuels, or other impurities.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : SYSTEM AND METHOD FOR HIGH EFFICIENCY POWER GENERATION USING A NITROGEN GAS WORKING FLUID

(51) International classification :F02C3/34,F02C6/00,F02C7/10
(31) Priority Document No :61/385,042
(32) Priority Date :21/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052342
Filing Date :20/09/2011
(87) International Publication No :WO 2012/040195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PALMER LABS, LLC

Address of Applicant :300 Fuller Street, Durham, North Carolina 27701, U.S.A.

2)8 RIVERS CAPITAL, LLC

(72)Name of Inventor :

1)PALMER, Miles R.

2)ALLAM, Rodney John

3)FETVEDT, Jeremy Eron

(57) Abstract :

A method of power production using a high pressure / low pressure ratio Brayton Power cycle with predominantly N₂ mixed with CO₂ and H₂O combustion products as the working fluid is provided. The high pressure can be in the range 80 bar to 500 bar. The pressure ratio can be in the range 1.5 to 10. The natural gas fuel can be burned in a first high pressure combustor with a near stoichiometric quantity of pressurised preheated air and the net combustion gas can be mixed with a heated high pressure recycle N₂+CO₂+H₂O stream which moderates the mixed gas temperature to the value required for the maximum inlet temperature to a first power turbine producing shaft power.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.858/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ACCELERATION DETECTION DEVICE

(51) International classification	:G01P21/00,G01P15/00
(31) Priority Document No	:2010-225352
(32) Priority Date	:05/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/067727
Filing Date	:03/08/2011
(87) International Publication No	:WO 2012/046497
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSAN MOTOR CO.,LTD.

Address of Applicant :2,Takara-cho,Kanagawa-ku
Yokohama-shi, Kanagawa-221-0023, Japan

(72)Name of Inventor :

1)TOHTA Yuzuru

(57) Abstract :

An acceleration detection device (12) is provided with: a zero point correcting unit (21) for correcting the zero-point position of a sensor signal (Gsen) value by using the correction amount (absolute value of a correction value (Gd)) based on the acceleration (Gout) when neutral control is ended at the moment of transitioning from a stopped state to a travelling state; and a correction amount restricting unit (20) for restricting the correction amount.

No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : CUTTING TOOL AND INSERT HOLDER FOR TANGENTIAL CUTTING INSERT

(51) International classification	:B23B27/16	(71) Name of Applicant : 1)ISCAR LTD. Address of Applicant :P.O. Box 11, 24959 Tefen, Israel
(31) Priority Document No	:209396	
(32) Priority Date	:17/11/2010	
(33) Name of priority country	:Israel	(72) Name of Inventor :
(86) International Application No	:PCT/IL2011/000773	1)NEIMAN, Grigori
Filing Date	:04/10/2011	2)DAVIDOV Yuri
(87) International Publication No	:WO 2012/066529	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting tool (20) has an insert holder (22) for retaining a tangential cutting insert (24) in an insert pocket (26). The insert pocket has a bottom surface, a rear surface and a base surface. The base surface has three abutment protuberances (52,54,56) that extend from the base surface (40). Each base abutment protuberance has a respective base abutment surface. The three base abutment surfaces abut the cutting insert at three points to provide stable seating of the cutting insert in the insert pocket.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.803/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : POLYAMIDE RESINS AND PROCESSES FOR MOLDING THEM

(51) International classification	:C08G69/26	(71) Name of Applicant :
(31) Priority Document No	:2010-264058	1)Mitsubishi Gas Chemical Company, Inc.
(32) Priority Date	:26/11/2010	Address of Applicant :5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008324, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/075658	1)OGURO Hatsuki
Filing Date	:08/11/2011	2)MITADERA Jun
(87) International Publication No	:WO 2012/070377	3)KUWAHARA Hisayuki
(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 polyamide resin having high heat resistance, excellent moldability and excellent mechanical properties. A polyamide resin comprising a diamine unit which contains 70 mol% or more of a xylylene diamine unit comprising 50-95 mol% of paraxylylene diamine and 50-5 mol% of metaxylylene diamine and a dicarboxylic acid unit which contains 70 mol% or more of a linear aliphatic dicarboxylic acid unit comprising 50-100 mol% of adipic acid and 0 mol% or greater but less than 50 mol% of sebacic acid or another linear aliphatic carboxylic acid, wherein the polyamide resin is characterized in that the molar ratio of the reacted diamine unit to the reacted dicarboxylic acid unit ((the molar number of the reacted diamine units)/(the molar number of the reacted dicarboxylic acid units)) is less than 0.994 and the polyamide resin has a number average molecular weight of 10,000-25,000 and a melting point of 285°C or higher.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.862/KOLNP/2013 A

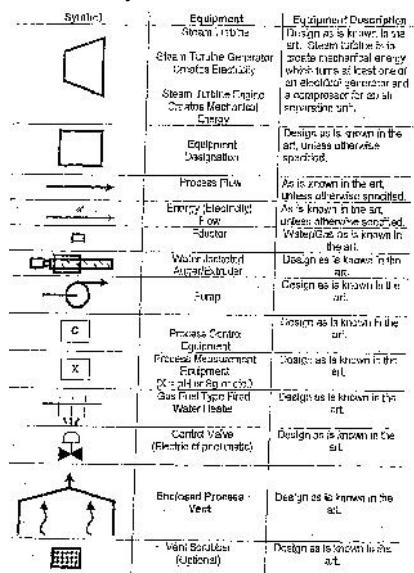
(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD OF PREPARING A METAL HYDROXIDE IN AQUEOUS SOLUTION

(51) International classification	:C04B/C01F	(71)Name of Applicant :
(31) Priority Document No	:11/041,329	1)HASSE, RICHARD
(32) Priority Date	:24/01/2005	Address of Applicant :4402 RINGROSE DRIVE, MISSOURI CITY, TEXAS 77459 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2006/002527	1)HAASE, RICHARD
Filing Date	:24/01/2006	2)SMAARDYK, JOHN
(87) International Publication No	:WO/2006/088615	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filed on	:3074/KOLNP/2007	
	:21/08/2007	

(57) Abstract :

This invention discloses a method of preparing a metal hydroxide in aqueous solution, wherein a group IA or group IIA metal sulfoxyl salt is reacted with a moiety of calcium, thereby creating a mixture comprising a group IA or group IIA metal hydroxide, water and a calcium sulfoxyl salt, wherein said calcium sulfoxyl salt comprises at least one selected from a list consisting of: calcium sulfate, calcium sulfate ½ hydrate, calcium sulfate di-hydrate, calcium sulfite, calcium hydrogen sulfite, calcium sulfite di-hydrate and any combination therein, and wherein said mixture is separated, thereby forming an aqueous solution comprising said group IA or group IIA metal hydroxide, and a moist solid phase comprising said calcium sulfoxyl salt, said group IA or group IIA metal hydroxide and water.



No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.863/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : CONTROLLING THE DEGRADATION OF BIORESORBABLE METAL IMPLANTS

(51) International classification :A61B17/80,A61B17/86
(31) Priority Document No :61/378,747
(32) Priority Date :31/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048362
 Filing Date :19/08/2011
(87) International Publication No :WO 2012/030552
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SYNTHES GMBH

Address of Applicant :EIMATTSTRASSE 3, CH-4436
OBERDORF Switzerland

2)SYNTHES GMBH

(72)Name of Inventor :

1)IMWINKELRIED, Thomas

2)GRUSKIN, Elliott

3)MONTALI, Andrea

4)BECK, Stefan

(57) Abstract :

A degradation controlled metal implant and methods of controlling the degradation of the implant. In one embodiment, the implant includes a body, one or more apertures, and one or more fastener blanks fixed within one or more apertures. In another embodiment, the implant includes a body of a first material and a second material plated in various patterns over the first material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.864/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PORTABLE COMPUTING DEVICE

		<p>(71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop, Cupertino, California 95014 U.S.A.</p> <p>(72)Name of Inventor : 1)DEGNER, Brett ,W. 2)LIGTENBERG, Chris 3)HOPKINSON, Ron 4)MURPHY, Sean, R. 5)RAFF, John 6)CASEBOLT, Matthew ,Phillip 7)COISH, Robert, L. 8)YEH, David, J. 9)KIM, Eugene 10>BROCK, John, M. 11)ABRAHAM, Euan</p>
(51) International classification	:G06F1/00	
(31) Priority Document No	: 12/894,437	
(32) Priority Date	: 30/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/047796	
Filing Date	:15/08/2011	
(87) International Publication No	:WO 2012/047379	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable computing device includes at least a base portion of a lightweight material that includes at least a wedge shaped top case having a trough formed at an interfacing edge thereof. The trough includes a raised portion having a first contact surface and a receiving area, and a bottom case coupled to the top case to form a complete housing for at least a portion of the portable computing device for enclosing at least a plurality of operational components and a plurality of structural components. The portable computing device also includes at least a lid portion pivotally connected to the base portion by a hinge assembly. In the described embodiments, the lid portion has a display in communication with one or more of the plurality of components in said base portion by way of or more electrical conductors that electrically connect the base portion to the lid portion.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.806/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING RECEPTION CONFIRMATION IN WIRELESS SYSTEM

(51) International classification	:H04L1/18,H04L27/26,H04W88/02
(31) Priority Document No	:61/387,459
(32) Priority Date	:28/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/007115
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/044045
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor :

1)SEO, Dong Youn

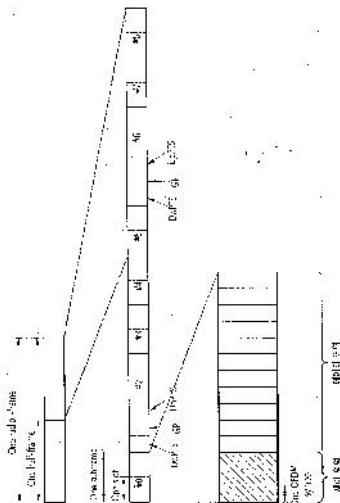
2)KIM, Min Gyu

3)YANG, Suck Chel

4)AHN, Joon Kui

(57) Abstract :

Provided are a method and an apparatus for transmitting a reception confirmation in a wireless system. A terminal determines at least one downlink subframe for ACK/NACK feedback from each of a plurality of serving cells and determines the number of ACK/NACK bits for the plurality of serving cells. The terminal generates bundled ACK/NACK bits by arraying the ACK/NACK bits in the ascending order of the cell index of the plurality of serving cells, and transmits the bundled ACK/NACK bits.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.807/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : LINEAR MOTOR

(51) International classification	:H02K41/02,H02K1/14	(71) Name of Applicant : 1)KIM, Houng Joong Address of Applicant :1-807, Shindonga APT 20, Yangpyeong-dong 1ga, Yeongdeungpo-gu Seoul 150-785 REPUBLIC OF KOREA
(31) Priority Document No	:10-2010-0081522	
(32) Priority Date	:23/08/2010	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR2011/005725	
Filing Date	:04/08/2011	
(87) International Publication No	:WO 2012/026685	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a linear motor. According to one embodiment of the present invention, a linear motor consists of a preliminary member and a secondary member; the preliminary member includes a plurality of armature modules; each armature module includes a magnetic core, a plurality of salient poles projecting from the magnetic core and coils; coils, through which currents of the same phase flows, are wound around some or all of the salient poles or on the magnetic core between the salient poles; the secondary member includes at least one permanent magnet module including a plurality of permanent magnets; the permanent magnet module is positioned between two salient poles so as to project toward the magnetic core; the plurality of magnets is disposed such that the poles thereof alternate along the moving direction of the linear motor; P permanent magnets that are arranged along the moving direction are unitized with S armature modules, and electrical power having a predetermined phase difference is applied to the coil of each armature module so as to generate motive force by means of magnetic field progression; and either the preliminary member or the secondary member becomes a mover while the other becomes a stator, such that they move with respect to one another by means of generated motive force. Accordingly, problems arising from magnetic pull can be resolved, assembly is convenient, efficiency is high, transfer across long distances is made possible, and an electric motor that reduces ripples of motive force can be provided.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.843/KOLNP/2013 A

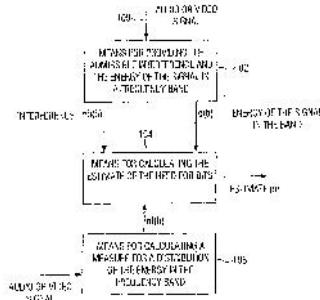
(43) Publication Date : 12/07/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING AN ESTIMATE.

(51) International classification	:G10L/H04L	(71)Name of Applicant :
(31) Priority Document No	:102004009949.9	1)FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:01/03/2004	Address of Applicant :HANSASTRASSE 27C, 80686 MUNCHEN GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP05/001651	1)MICHAEL SCHUG 2)JOHANNES HILPERT 3)STEFAN GEYERSBERGER 4)MAX NEUENDORF
Filing Date	:17/02/2005	
(87) International Publication No	: WO/2005/083680	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filed on	:2229/KOLNP/06	
	:07/08/2006	

(57) Abstract :

For determining an estimate of a need for information units for encoding a signal, a measure (nl(b)) for the distribution of the energy in the frequency band is taken into account (102, 104, 106) in addition to the admissible interference for a frequency band and an energy of the frequency band. With this, a better estimate of the need for information units is obtained, so that coding can be done more efficiently and more accurately.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.845/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRIAZOLOPYRAZINE DERIVATIVES

(51) International classification	:C07D487/04,C07D519/00,A61K31/519
(31) Priority Document No	:10008927.5
(32) Priority Date	:27/08/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/003830
Filing Date	:29/07/2011
(87) International Publication No	:WO 2012/025186
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY

(72)Name of Inventor :

**1)BURGDORF Lars,
2)SCHULTZ Melanie
3)DEUTSCH Carl
4)COMAS Horacio
5)SWINNEN Dominique
6)POMEL Vincent
7)GAILLARD Pascale
8)HODOUS, Brian**

(57) Abstract :

Compounds of the formula I in which R1 and R2 have the meanings indicated in Claim 1, are inhibitors of Syk, and can be employed, inter alia, for the treatment rheumatoid arthritis.

No. of Pages : 259 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.873/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ACCELERATION DETECTION DEVICE

(51) International classification	:G01P21/00,G01P15/00	(71) Name of Applicant : 1)NISSAN MOTOR CO.,LTD. Address of Applicant :2,Takara-cho,Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, Japan
(31) Priority Document No	:2010-225351	
(32) Priority Date	:05/10/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/067728	(72) Name of Inventor :
Filing Date	:03/08/2011	1)TOHTA Yuzuru
(87) International Publication No	:WO 2012/046498	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An acceleration detection device provided with: a vibration component removal unit (20) for removing the vehicle body vibration component contained in a G sensor signal (Gsen f) that passed through a filter (13) when transitioning from a stopped state to a travelling state; and a zero point correcting unit (21) for correcting the zero point position of the G sensor signal (Gsen f) that passed through the filter (13) by using a correction value (Gd) based on the G sensor signal (Gsen r) in which the vehicle vibration component is removed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

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

(51) International classification	:C23C22/40,B32B15/08	(71) Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
(31) Priority Document No	:2010-219975	
(32) Priority Date	:29/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/072903	
Filing Date	:28/09/2011	
(87) International Publication No	:WO 2012/043864	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)KANEKO Rie 2)FUJIBAYASHI Nobue 3)KUBOTA Takahiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for manufacturing a hot-dip galvanized steel sheet that has a uniform surface appearance, is highly conductive and corrosion resistant, and has a chromate-free surface-treatment film. Said method is characterized in that a hot-dip galvanized steel sheet having an Ra of 0.5 to 2.0 μm and a PPI of at least 150 is coated by a prescribed surface-treatment agent and dried with a peak metal temperature of 50-180°C in order to form a surface-treatment film on the surface of said steel sheet, the coverage of said surface-treatment film being 0.2 to 1.0 g/m². The prescribed surface-treatment agent contains specific proportions of a specific resin compound, a specific cationic urethane resin, a silane coupling agent having a specific functional group, a specific organic titanium chelated compound and a tetravalent vanadyl compound.

No. of Pages : 80 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ZINC-BASED METAL COATED STEEL SHEET

(51) International classification	:C23C22/40,B32B15/08	(71) Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011, Japan
(31) Priority Document No	:2010-220050	
(32) Priority Date	:29/09/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/072909	
Filing Date	:28/09/2011	
(87) International Publication No	:WO 2012/043868	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A galvanized steel sheet that exhibits excellent performance, namely corrosion resistance and adhesion, and is highly conductive under low surface pressure. The surface of a galvanized steel sheet is coated with a surface-treatment solution that has a pH between 3 and 6, inclusive, and contains a mixture of the following in a specific ratio: a resin emulsion comprising a cationic urethane resin emulsion and/or a non-ionic acrylic resin emulsion; a tetraalkoxysilane; at least one silane coupling agent (c) that has at least one reactive functional group selected from among active-hydrogen-containing amino groups, epoxy groups, mercapto groups, and methacryloxy groups; a chelator (d); a vanadic acid compound (e); a titanium compound (f); and water. Said coating is then heat dried to form a first-layer film, and a surface-treatment solution containing an organic resin is then applied to surface of the first layer-film and heat-dried to form a second-layer film.

No. of Pages : 117 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.885/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : FERRITIC STAINLESS STEEL EXCELLENT IN HEAT RESISTANCE AND PROPERTY AND FORMABILITY

(51) International classification	:C22C38/00,C22C38/28,C22C38/54
(31) Priority Document No	:2010231562
(32) Priority Date	:14/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/073980
Filing Date	:12/10/2011
(87) International Publication No	:WO 2012/050226
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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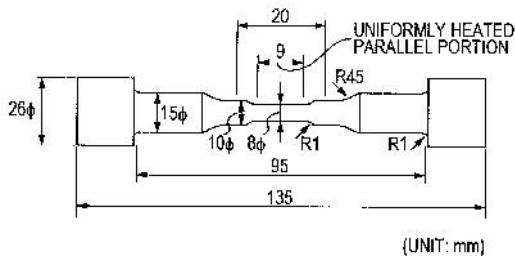
2)OTA Hiroki

3)KATO Yasushi

4)OGATA Hiroyuki

(57) Abstract :

Provided is a ferritic stainless steel excellent in both the heat resistance (resistance to oxidation, thermal fatigue property, and fatigue property in high temperature) and the workability without adding expensive elements such as Mo and W while preventing the decrease in oxidation resistance caused by using Cu. Specifically, a ferritic stainless steel containing, in mass%, C: 0.015% or less Si: 0.4 to 1.0%, Mn: 1.0% or less, P: 0.040% or less, S: 0.010% or less, Cr: 12% or more to less than 16%, N: 0.015% or less, Nb: 0.3 to 0.65%, Ti: 0.15% or less, Mo: 0.1% or less, W: 0.1% or less, Cu: 1.0 to 2.5%, Al: 0.2 to 1.0%, wherein Si = Al is satisfied and the remnant is composed of Fe and unavoidable impurities.



No. of Pages : 49 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.886/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COEXISTENT WORKING MODE ESTABLISHMENT METHOD, USER EQUIPMENT, BASE STATION AND SYSTEM

(51) International classification	:H04W76/02	(71) Name of Applicant : 1)FUJITSU LIMITED Address of Applicant :1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2010/077411	(72) Name of Inventor :
Filing Date	:28/09/2010	1)ZHANG, Lei
(87) International Publication No	:WO 2012/040907	2)WANG, Xin
(61) Patent of Addition to Application Number	:NA	3)ZHANG, Yuantao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a coexistent working mode establishment method, a base station, user equipment, and system for performing the method. In the coexistent working mode the user equipment in a first communication system performs respectively, in a way of time division multiplexing, a first communication with the base station in a first communication system and a second communication with the device in a second communication system which is different from the first communication system. The coexistent working mode establishment method comprises the following steps: the base station receives from the user equipment a mode establishment request which is used for requesting an establishment of the coexistent working mode; the base station encapsulates the configuration information of the coexistent working mode allowed to be used by the user equipment into an establishment response message; the base station transmits the establishment response message to the user equipment and receives from the user equipment a feedback message which represents whether the configuration of the coexistent working mode has been completed or not.

No. of Pages : 85 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.821/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND OPERATING UNIT FOR OPERATION OF MODULES IN AUTOMATION TECHNOLOGY

(51) International classification	:H05K7/14,G05B19/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 047 632.3	1)PHOENIX CONTACT GMBH & CO. KG
(32) Priority Date	:07/10/2010	Address of Applicant :Flachsmarktstraße 8, 32825 Blomberg, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/004978	1)FELDMANN Jürgen
Filing Date	:06/10/2011	2)HIRSCH Thomas
(87) International Publication No	:WO 2012/045453	3)GRIES Simon-Immanuel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to operate a module which comprises a module side communications interface and is designed in particular as a device of an automation system, according to the invention an operating unit is provided, comprising fastening means (181,182) for detachably fastening the operating unit (100) to the module (200), input means (130) and output means (140, 142) for inputting and outputting information, a first communications interface (110), which when the operating unit (100) is fastened is connected to the module-side communications interface (210) and is designed to exchange data between the operating unit (100) and module (200), and a second communications interface (120) for communicating with a separate operating unit (300). The invention further relates to a method for operating a module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.822/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR CONCENTRATING AN AQUEOUS HYDROGEN PEROXIDE SOLUTION

(51) International classification	:C01B15/013,B01D3/00	(71) Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Stra e 1-11, 45128 Essen, GERMANY
(31) Priority Document No	:10 2010 039 748.2	
(32) Priority Date	:25/08/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/063069	(72) Name of Inventor :
Filing Date	:29/07/2011	1)EICKHOFF, Hubertus
(87) International Publication No	:WO 2012/025333	2)LODE, Florian
(61) Patent of Addition to Application Number	:NA	3)AREVALO, Eduardo
Filing Date	:NA	4)BRENDEL, Marc
(62) Divisional to Application Number	:NA	5)WALLERT, Claudia
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for concentrating an aqueous hydrogen peroxide solution to form two hydrogen peroxide flows having different concentrations in a device comprising a pre-evaporator (1), a distillation column (2) and a vapour compressor (3), in which method the aqueous hydrogen peroxide solution (4) to be concentrated is continuously fed to the pre-evaporator, vapours (5) generated in the pre-evaporator by evaporation are fed to the distillation column, bottom product (6) obtained in the pre-evaporator is withdrawn as a first concentrated hydrogen peroxide flow (7), vapours (8) generated in the distillation column are withdrawn from the distillation column at the column head, compressed via the vapour compressor and used to heat the pre-evaporator, and bottom product (9) obtained in the distillation column is withdrawn as a second concentrated hydrogen peroxide flow (10). In this method two concentrated hydrogen peroxide solutions having different concentrations in the range from 50 to 70 wt % of hydrogen peroxide in a freely selected ratio can be produced simultaneously by feeding a part of the bottom product obtained in the pre-evaporator to the distillation column in liquid form.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.823/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : POLYAMIDE RESIN MOLDINGS

(51) International classification	:C08G69/26,C08K5/29,C08L77/06
(31) Priority Document No	:2010-228509
(32) Priority Date	:08/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/072396
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/046629
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MITADERA Jun

2)KUROKAWA Masashi

3)TAKANO Takahiro

(57) Abstract :

Provided is a molded xylylene sebacamide resin article which has excellent mechanical strength including elastic modulus and of which the mechanical strength is not deteriorated during the long-term use. Specifically provided is a molded polyamide resin article which is a molded article of a polyamide resin in which 70 mol% or more of a diamine constituent unit is derived from xylylene diamine (A) and 50 mol% or more of a dicarboxylic acid constituent unit is derived from sebacic acid (B), or a molded article of a polyamide resin composition containing the polyamide resin, wherein the molded article is characterized by having a crystallinity of 0-50% and a water content of 0.1 2 mass%.

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.883/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : GATE INSULATOR LAYER FOR ELECTRONIC DEVICES

(51) International classification	:C08F232/00,H01L51/05
(31) Priority Document No	:10009118.0
(32) Priority Date	:02/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/004282
Filing Date	:26/08/2011
(87) International Publication No	:WO 2012/028279
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number :NA	
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)CULL Toby

3)MISKIEWICZ Pawel

4)CARRASCO-OROZCO, Miguel

5)BELL Andrew

6)ELCE Edmund

7)RHODES, Larry, F.

8)FUJITA Kazuyoshi

9)NG Hendra

10)KANDANARACHCHI, Pramod

11)SMITH Steven

(57) Abstract :

Embodiments in accordance with the present invention provide for the use of polycycloolefins in electronic devices and more specifically to the use of such polycycloolefins as gate insulator layers used in the fabrication of electronic devices, the electronic devices that encompass such polycycloolefin gate insulator and processes for preparing such polycycloolefin gate insulator layers and electronic devices.

No. of Pages : 129 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : NOTUM PROTEIN MODULATORS AND METHODS OF USE

(51) International classification	:A61K39/395,C07K16/22,C07K16/40	(71)Name of Applicant :
(31) Priority Document No	:61/377,882	1)STEM CENTRX ,INC Address of Applicant :450 East Jamie Court, South San Francisco, CA 94080 U.S.A.
(32) Priority Date	:27/08/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)STULL, Robert, A. 2)DYLLA, Scott, J. 3)FOORD, Orit 4)AUJAY, Monette
(86) International Application No	:PCT/US2011/049458	
Filing Date	:26/08/2011	
(87) International Publication No	:WO 2012/027723	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel modulators, including antibodies and derivatives thereof, and methods of using such modulators to treat hyperproliferative disorders are provided.

No. of Pages : 184 No. of Claims : 101

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : HYDRAULIC SYSTEM

(51) International classification	:F15B11/17
(31) Priority Document No	:201010543974.6
(32) Priority Date	:12/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/081421
Filing Date	:27/10/2011
(87) International Publication No	:WO 2012/062167
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YANG, Qin

2)TAN, Bifeng

3)HAN, Shuting

(57) Abstract :

A hydraulic system with a high-pressure pumping state and a low-pressure pumping state. The hydraulic system comprises: a first hydraulic cylinder (210) and a second hydraulic cylinder (220), the first hydraulic cylinder (210) and the second hydraulic cylinder (220) being both provided with a non rod chamber (211, 221) and a rod end chamber (212, 222); a switch valve; and a first channel placed between the non rod chamber (211) of the first hydraulic cylinder and the non rod chamber (221) of the second hydraulic cylinder. The switch valve controls the connection/disconnection of the first channel. The hydraulic system further comprises a second channel in parallel connection with the first channel and placed between the non-rod chamber (211) of the first hydraulic cylinder and the non-rod chamber (221) of the second hydraulic cylinder wherein the switch valve controls the second channel to connect during the low-pressure pumping state and disconnect during the high-pressure pumping state. In the case of low-pressure pumping the non-rod chambers of two hydraulic cylinders can be in communication with each other through either the first channel or the second channel. Thus the flow capability between the non-rod chambers of the two hydraulic cylinders is improved and pipe explosion is prevented thereby ensuring the reliable cutoff or communication between the non rod chambers of the two hydraulic cylinders in the case of high-pressure pumping reduce system impact, and increase system reliability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : HOSE FOR TRANSPORTING REFRIGERANT

(51) International classification :B32B1/08,B32B25/08,F16L11/04
(31) Priority Document No :2010-214530
(32) Priority Date :24/09/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/068058
Filing Date :08/08/2011
(87) International Publication No :WO 2012/039203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)The Yokohama Rubber Co., LTD.

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(72)Name of Inventor :

1)YAMAKAWA Kazuto

2)SHINODA Yasuaki

(57) Abstract :

Provided is a hose for transporting a refrigerant, the hose being equipped with an inner tube layer configured of a gas barrier layer and a rubber layer which adjoins the outer surface of the gas barrier layer. The gas barrier layer has been formed from a thermoplastic resin composition which comprises a polyamide resin (A) and a modified rubber (B) having acid anhydride groups or epoxy groups the modified rubber (B) being a rubber obtained by modifying a modified raw rubber having acid anhydride groups or epoxy groups with a hydrogen bond forming compound (C) which has a functional group that reacts with the acid anhydride groups or epoxy groups and which further has a functional group capable of forming a hydrogen bond with an amide bond or with a hydroxy group. The rubber layer has been formed from a rubber composition which comprises 100 parts by mass of a raw rubber and 1-15 parts by mass of an alkylphenol formaldehyde resin, the raw rubber comprising BIMS and at least one copolymer rubber selected from the group consisting of butyl rubbers and/or halogenated butyl rubbers. The raw rubber and/or the alkylphenol formaldehyde resin contains a halogen. The hose has no adhesive layer between the gas barrier layer and the rubber layer.

No. of Pages : 65 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.876/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR EFFICIENT FEEDBACK IN A WIRELESS COMMUNICATION SYSTEM THAT SUPPORTS MULTIPLE ANTENNAS

(51) International classification :H04B7/04,H04L27/26,H04L1/06
(31) Priority Document No :61/386,552
(32) Priority Date :26/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/007057
Filing Date :26/09/2011
(87) International Publication No :WO 2012/039591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KO, Hyunsoo

2)KIM, Sunam

3)LIM,Dongguk

4)LEE, Moonil

5)CHUNG, Jaehoon

(57) Abstract :

The present invention relates to a wireless communication system, and more particularly, to a method and apparatus for efficient feedback in a wireless communication system that supports multiple antennas. According to one embodiment of the present invention, a method for transmitting channel state information for a downlink transmission via an uplink in a wireless communication system comprises the following steps: transmitting a joint coded rank indicator (RI) and a wideband first precoding matrix indicator (PMI) in a first subframe; and transmitting a wideband channel quality indicator (CQI) and a wideband second PMI in a second subframe. The precoding matrix preferred by a terminal is indicated by a combination of the first PMI and the second PMI, and if the RI is rank 1 or rank 2 the first PMI may have a value which represents one of subsets constituted by eight indices from among a total of sixteen indices of a precoding codebook for a first PMI.

No. of Pages : 129 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.819/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD FOR THE PREPARATION OF A POLYNUCLEATE METAL COMPOUND

(51) International classification	:C01F/C02F
(31) Priority Document No	:11/041,329
(32) Priority Date	:24/01/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/002527
Filing Date	:24/01/2006
(87) International Publication No	:WO/2006/088615
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:3074/KOLNP/2007
	:21/08/2007

(71)Name of Applicant :

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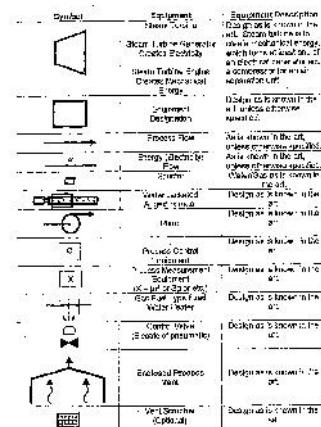
(72) Name of Inventor :

1) HAASE, RICHARD

2)SMAARDYK, JOHN

(57) Abstract :

This invention discloses a method for the preparation of a polynucleate metal compound comprising at least one metal in the +2 or the +3 valence state, and wherein said polynucleate metal compound is formed by the aqueous reaction of a metal halide solution with at least one metal, and wherein said metal halide solution comprises at least one metal in the +2 or +3 valence state, and wherein said at least one metal comprises metal(s) in the 0, +2 or +3 valence state, and if in the 0 valence state capable of entering the +2 or +3 valence state, and wherein said aqueous reaction is performed with high shear.



No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.820/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : UPPER ARRANGEMENT FOR FOOTWEAR, AND FOOTWEAR WITH SAID UPPER ARRANGEMENT

(51) International classification	:A43B7/12
(31) Priority Document No	:10 2010 044 260.7
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/065191 :02/09/2011
(87) International Publication No	:WO 2012/028714
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

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2)NABERNIK, Stane

3)HÜBNER, Thorger

4)STRÖMFORS, Tore

5)MÜLLER HANSEN, Jakob

6)JENSEN, Frank

(57) Abstract :

The invention relates to an upper arrangement (22) for footwear (2), comprising an upper region (23) with a water vapor permeable upper material layer (24) that comprises a lower end section; a waterproof and water vapor permeable upper functional layer laminate (26) that comprises a lower end section; and an upper base (34) with an upper base functional layer laminate (38) that has a lateral end section. The lower end section of the upper region (23) is connected to the lateral end section of the upper base (34); and the upper base functional layer laminate (38) is designed as a multilayer laminate that comprises a waterproof and water vapor-permeable functional layer (40) that lies bottommost and at least one water vapor-permeable textile layer (42) that lies over said functional layer.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.877/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : USE OF MAGNESIUM STEARATE IN DRY POWDER FORMULATIONS FOR INHALATION

(51) International classification	:A61K31/439,A61K9/00
(31) Priority Document No	:10183018.0
(32) Priority Date	:30/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/066062
Filing Date	:16/09/2011
(87) International Publication No	:WO 2012/041717
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)COCCONI, Daniela

2)DAGLI ALBERI, Massimiliano

3)BUSCA, Andrea

4)SCHIARETTI, Francesca

(57) Abstract :

The invention relates to the use of magnesium stearate in powder formulation for inhalation comprising carrier particles to inhibit or reduce chemical degradation of an active ingredient bearing a group susceptible to hydrolysis. A pharmaceutical formulation in form of dry powder for inhalation comprising (a) a carrier, (b) magnesium stearate, and a) an active ingredient substance susceptible to hydrolysis is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.878/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : STRUCTURED DIRT DEPOSITORY IN SLIDING BEARING SURFACES

(51) International classification	:F16C33/10,F16C9/04	(71) Name of Applicant : 1)FEDERAL-MOGUL WIESBADEN GMBH Address of Applicant :Stielstrasse 11, 65201 Wiesbaden GERMANY
(31) Priority Document No	:102010040158.7	
(32) Priority Date	:02/09/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/058336	(72) Name of Inventor :
Filing Date	:23/05/2011	1)AUBELE, Thomas
(87) International Publication No	:WO 2012/028345	2)RITTMANN, Stefan
(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 sliding bearing (1) and to a method for producing a sliding bearing having at least one groove (11) formed on the sliding surface (1) which extends at least partially in the axial direction of a mounted shaft, ends on at least one end before the edge of the bearing and is deeper than 80 µm and/or wider than 150 µm, so that dirt and/or particles can be embedded.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.879/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : EXPANDABLE FUNCTIONAL TFE COPOLYMER FINE POWDER, THE EXPANDED FUNCTIONAL PRODUCTS OBTAINED THEREFROM AND REACTION OF THE EXPANDED PRODUCTS

(51) International classification	:C08F214/26,C08L27/18,C08J5/22	(71) Name of Applicant : 1)W. L. GORE & ASSOCIATES, INC. Address of Applicant :555 Paper Mill Road, Newark, DE 19711 U.S.A.
(31) Priority Document No	:12/886,817	
(32) Priority Date	:21/09/2010	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/049058	1)XU, Ping
Filing Date	:25/08/2011	2)HEGENBARTH, Jack ,J.
(87) International Publication No	:WO 2012/039883	3)CHEN, Xin, Kang
(61) Patent of Addition to Application Number	:NA	4)RADSPINNER, Rachel
Filing Date	:NA	5)DRUMHELLER, Paul, D.
(62) Divisional to Application Number	:NA	6)JOHNSON, William, B.
Filing Date	:NA	7)LIU, Wen, K.

(57) Abstract :

A functional TFE copolymer fine powder is described, wherein the TFE copolymer is a polymer of TFE and at least one functional comonomer, and wherein the TFE copolymer has functional groups that are pendant to the polymer chain. The functional TFE copolymer fine powder resin is paste extrudable and expandable. Methods for making the functional TFE copolymer are also described. The expanded functional TFE copolymer material may be post-reacted after expansion.

No. of Pages : 59 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.850/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : UNDERBLANKET OF THE BLANKET CYLINDER OF A PRINTING PRESS,
PARTICULARLY OF THE OFFSET TYPE

(51) International classification	:B32B27/40,B41N6/00,B41N10/04
(31) Priority Document No	:MI2010A 001795
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/063125
Filing Date	:29/07/2011
(87) International Publication No	:WO 2012/041568
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRINTGRAPH WATERLESS S.p.A.

Address of Applicant :Via Galvani, 26/A, I-20019 Settimo Milanese (Milano), ITALY

(72)Name of Inventor :

1)LEVI ACOBAS Roberto

(57) Abstract :

An underblanket of the blanket of a blanket cylinder of a printing press, particularly of the offset type, consists of a multilayer structure comprising a first layer comprising at least one polyurethane-based material, and at least a second layer comprising at least one polyurethane-based material, which is different from the one forming said first layer, and directly joined with said first layer by exploiting the intrinsic chemical/physical compatibility.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.851/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRIC CONVERTER FOR A MOBILE APPLICATION

(51) International classification	:H02M3/158,H02M3/335
(31) Priority Document No	:10 2010 041 625.8
(32) Priority Date	:29/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/066828
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/041888
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number:	NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :Wittelsbacherplatz 2, 80333

München, GERMANY

(72)Name of Inventor :

1)CORDES Ralf

2)KOMMA Thomas

(57) Abstract :

The invention relates to a DC/DC converter for an electric supply in a mobile application, comprising a plurality of individual converters. According to the invention, the individual converters are respectively DC/DC converters, are electrically connected in parallel and respectively comprise semi-conductor switches.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/04/2013

(21) Application No.892/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MOBILE HANDSET IDENTIFICATION AND COMMUNICATION AUTHENTICATION

(51) International classification	:H04L9/32,G06F21/20,G06Q20/00
(31) Priority Document No	:2010/06995
(32) Priority Date	:30/09/2010
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2011/002305
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/042367
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ENTERSECT INTERNATIONAL LIMITED

Address of Applicant :Level 3, Alexander House, 35
Cubercity, Ebene, MAURITIUS

(72)Name of Inventor :

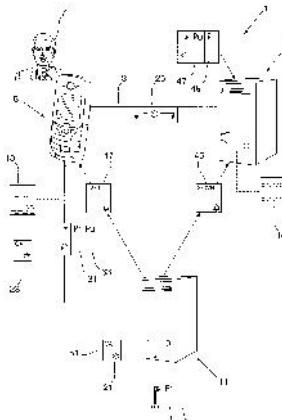
1)BRAND, Christiaan Johannes Petrus

2)VAN TONDER, Albertus Stefanus

3)MULLER Daniel Jacobus

(57) Abstract :

A system (1) and method for authenticating a communications channel (3) between a mobile handset (5) associated with a user (7) and an application server (9), for uniquely identifying the mobile handset (5) and for encrypting communications between the mobile handset (5) and the application server (9) over the communication channel (3) is provided. The system (1) includes a certificate authority (11) configured to issue digital certificates (17,45) to the handset (5) and the application server (9), as well as software applications (13,15) operating on both the handset (5) and application server (9). The digital certificates (17,45) may be used by the handset (5) and application server (9) to uniquely identify one another as well as to exchange encryption keys (33,47) by means of which further communication between them may be encrypted.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 12/07/2013

(54) Title of the invention : AN ARGON PURGING SYSTEM THROUGH MONO-BLOCK STOPPER OF TUNDISH ADAPTED TO ELIMINATE CLOGGING OF SEN

(51) International classification	:B23K31/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :DURGAPUR STEEL PLANT,
(33) Name of priority country	:NA	DURGAPUR-713203 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAY UTTAM KUMAR
(87) International Publication No	: NA	2)PAL BISWARANJAN
(61) Patent of Addition to Application Number	:NA	3)PRADHAN NIRMAL
Filing Date	:NA	4)CHATTERJEE SOUMEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for accurate control of argon gas pressure and flow through mono-block stopper in tundish for continuous casting of bloom to eliminate clogging of sub-entry nozzle (SEN). The system and method for achieving accurate and precise pressure as well as flow control for argon gas purging through monoblock stopper of tundish favour eliminating clogging of SEN in continuous bloom caster avoiding deposition of solid inclusions in steel at the steel making temperature. Advantageously, the present system and method of controlled argon flow facilitate ceaseless production of value added aluminium killed steel in continuous caster without any human intervention. The argon purging system comprises specially configured valves, high precision pressure regulators, rotameters with inbuilt adjustable valve and DP regulators etc. for desired argon flow at constant volume and pressure. The system thus ensure improved quality, productivity at lower cost of cast blooms, suitable for wide industrial application.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.788/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRICAL WIRE

(51) International classification	:H01B7/00
(31) Priority Document No	:2010-224335
(32) Priority Date	:01/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/073026
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/043873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Yazaki Corporation

Address of Applicant :4-28, Mita 1-chome, Minato-ku,
Tokyo 108-8333 Japan

(72)Name of Inventor :

1)MATSUNO, Takayuki

(57) Abstract :

The present invention provides an electrical wire which includes a conductor portion comprising a plurality of element wires being twisted together, and an insulating covering portion disposed over the conductor portion. Each of element wires is formed of aluminum or aluminum alloy material, and has a circular cross section. The stranding pitch of the element wires is at least three times greater than a pitch diameter of the conductor portion but no more than thirty times greater than the pitch diameter of the conductor portion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.835/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF CANCER

(51) International classification :A61K47/48,A61P35/00
(31) Priority Document No :61/413,330
(32) Priority Date :12/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/069931
 Filing Date :11/11/2011
(87) International Publication No :WO 2012/062904
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)UTI LIMITED PARTNERSHIP

Address of Applicant :Suite 130, 3553-31 Street NW,
Calgary, Alberta T2L 2K7 Canada

(72)Name of Inventor :

1)SANTAMARIA, Pere

(57) Abstract :

Conventional cancer immunotherapy falls short at efficiently expanding T cells that specifically target cancerous cells in numbers sufficient to significantly reduce the tumor size or cancerous cell number in vivo. To overcome this limitation provided herein are nanoparticles coated with MHC class I and/or class II molecules presenting tumor specific antigens and co stimulatory molecules and their use to expand antigen specific anti tumorigenic T cellsto levels not achieved in current immunotherapeutic techniques. These antigen specific anti tumorigenic T cells includecytotoxic T cells, effector T cells, memory T cells, and helper T cells that are necessary to initiate and maintain a substantial immune response againstmetastatic or non metastaticcancerous, pre cancerous or neoplastic cells in vivo. The present invention describes a systemic approach to targeting cancerous or pre cancerous cells that are circulating cells,as in lymphomas, migratory metastatic cells, and solid tumors.

No. of Pages : 77 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.836/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE AND METHOD FOR DISPERSING TWO SOLUTIONS IN EACH OTHER IN SOLVENT EXTRACTION

(51) International classification :B01F7/00,B01F7/24,B01D11/04
(31) Priority Document No :20100317
(32) Priority Date :16/09/2010
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2011/050794
Filing Date :15/09/2011
(87) International Publication No :WO 2012/035207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Riihitontuntie 7, FI-02200 Espoo FINLAND

(72)Name of Inventor :

1)LILJA, Launo

2)HULTHOLM, Stig-Erik

3)EKMAN, Eero

4)NYMAN, Bror

(57) Abstract :

The invention relates to a mixing device and method by means of which two solutions that are insoluble or poorly soluble in each other are mixed together into a dispersion. The device consists of at least three helical bars rotating upwards around a shaft and supported on it, so that the support structures between the shaft and the helical rods are set essentially in a horizontal position. The device and method are particularly suitable for mixing solvent extraction solutions used in the hydrometallurgical recovery of metals to form a dispersion.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.837/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : ANTERIOR CERVICAL PLATE

(51) International classification	:A61B17/70,A61B17/80
(31) Priority Document No	:61/388,243
(32) Priority Date	:30/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH2011/000224
Filing Date	:22/09/2011
(87) International Publication No	:WO 2012/040863
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPINEWELDING AG

Address of Applicant :Wagistrasse 6, CH-8952 Schlieren Switzerland

(72)Name of Inventor :

1)MAYER, Jörg

2)WENGER, Andreas

(57) Abstract :

According to an aspect of the invention, an anterior cervical plate (121) is provided, the anterior cervical plate comprising a plate portion (122) for stabilizing a human or animal spine by being placed ventrally of the spinal column and being affixed to two or more different vertebral bodies, and further comprising a plurality of fastening portions adapted to be anchored in the different vertebral bodies, at least one of one of the fastening portions (124) being rigidly connected to the plate portion and comprising a sheath element with a longitudinal opening that is accessible from a proximal side and at least one hole (14) that reaches from the longitudinal opening to an outside, the anterior cervical plate further comprising per sheath element a thermoplastic element (21) inserted or insertable in the sheath element and capable of being liquefied by for example mechanical energy acting on the thermoplastic element, wherein the hole is positioned so that liquefied thermoplastic material is pressable through the hole into bone tissue of the vertebral body in which the fastener is to be anchored, wherein the at least one fastening portion comprises a stabilizing structure capable of absorbing mechanical loads on the Anterior Cervical Plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : LOWER THREAD SUPPLY DEVICE FOR SEWING MACHINE

(51) International classification	:D05B57/26,D05B59/02,D05B57/14
(31) Priority Document No	:10-2010-0082243
(32) Priority Date	:25/08/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/006234
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/026749
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KANG, So-Dae

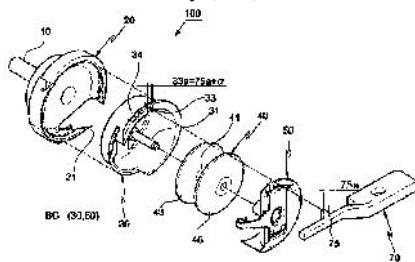
Address of Applicant :603ho 304dong, Daecheong APT., 12 Gaepo-dong, Gangnam-gu, Seoul, 135-940,KOREA

(72)Name of Inventor :

1)KANG, So-Dae

(57) Abstract :

The present invention relates to a lower thread supply device for a sewing machine, comprising: a housing (100) which is fixed to a main body of a sewing machine, has a cylindrical shape in which a front side and a back side are opened along a central axis, and has a (a housing cut out portion)(110) formed by cutting the outer circumferential surface of one side; a rotation plate (200) which is connected to a power shaft of a sewing machine, has a disk shape, has a power transmission protrusion (210)formed on the front surface of the disk, and is provided at the back inner lateral side of the housing (100) to rotate; a hook body (300) which is rotatably provided inside the housing (100),has a cylindrical shape with an opened front side, a protrusion receiving part (320) formed at the back outer portion to receive the torque of the rotation plate (200) by being engaged with the power transmission protrusion (210),a bobbin mounting post (330) formed at the back inner portion, and a hook (310) that passes through the loop formed by an upper thread descending along a needle of a sewing machine, thereby pulling the upper thread, provided at the outer circumferential surface of one side; a spool-shaped bobbin (400) which is inserted into the bobbin mounting post (330) of the hook body (300) to be rotatably provided, and to which a lower thread is wound; and a cap (500) which passes through the center of the bobbin (400) to be detachably coupled to the bobbin mounting post (330),thereby preventing the separation of the bobbin from the hook body (300).



No. of Pages : 63 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : RUBBER MIXTURES

(51) International classification	:C08L7/00	(71) Name of Applicant : 1)EVONIK INDUSTRIES AG Address of Applicant :RELLINGHAUSER STRA E 1-11, 45128 ESSEN, GERMANY
(31) Priority Document No	:10 2012 200 166.2	
(32) Priority Date	:06/01/2012	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)ANKE BLUME 2)EUGENIE KARASEWITSCH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to rubber mixtures comprising (A)at least one polyacrylate rubber, (B)at least one silicatic or oxidic filler or carbon black and (C)at least one epoxysilane. The rubber mixtures can be used to produce mouldings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.497/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING CPRI SINGNAL BY MEANS OF COAXIAL LINE

(51) International classification	:H04W88/08	(71) Name of Applicant :
(31) Priority Document No	:NA	1) HUAWEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:NA	Address of Applicant :HUAWEI ADMINISTRATION
(33) Name of priority country	:NA	BUILDING, BANTIAN, LONGGANG DISTRICT,
(86) International Application No	:PCT/CN2010/078307	SHENZHEN, GUANGDONG 518129, P.R.China.
Filing Date	:01/11/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/140789	1) ZHAO, HU
(61) Patent of Addition to Application Number	:NA	2) ZHANG, LIQIONG
Filing Date	:NA	3) LI, SHAOMING
(62) Divisional to Application Number	:NA	4) CHEN , JIANJUN
Filing Date	:NA	

(57) Abstract :

The embodiments of the present invention disclose a method and a device for transmitting Common Public Radio Interface (CPRI) signals via a coaxial line. The method includes that: the CPRI signals transmitted from a transmitting end are converted into parallel data flows (101); valid data is extracted from said data flows by the frame parsing (102); said valid data is converted into transmittable analog signals moved to designated frequencies and transmitted to a receiving end via the coaxial line (103). The present invention is applicable to transmission of the CPRI signals via the coaxial line.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2013

(21) Application No.561/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/20,A61M5/24,A61M5/28
(31) Priority Document No	:1050897-6
(32) Priority Date	:31/08/2010
(33) Name of priority country:	Sweden
(86) International Application No	:PCT/SE2011/051011
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/030276
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHL Group AB

Address of Applicant :Box 1240, Augustendalsven 19, S-131 28 Nacka Strand Sweden

(72)Name of Inventor :

1)HOLMQVIST, Anders

2)KARLSSON, Sebastian

(57) Abstract :

The present invention relates to a medicament delivery device comprising a generally elongated housing, which housing comprises a proximal housing part and a distal housing part arranged and mounted to be movable relative each other; a drive force mechanism accommodated in said distal housing part and being slidably arranged in relation to the distal housing part; a container filled with medicament arranged within said proximal housing part; a holding member operably connected to said drive force mechanism for holding said drive force mechanism in a loaded state, wherein said holding member is arranged to be axially moved in relation to the distal housing part a predetermined distance towards a distal end of the device by the proximal housing part when said housing parts are moved towards each other; and an actuation member configured to be biased in relation to the distal housing part from a non, operating position in which the actuation member partially protrudes from the distal housing part to an operating position in which the actuation member is confined within the distal housing, and wherein said actuation member is operably connected to said drive force mechanism for releasing the drive force mechanism from its loaded state; wherein said actuation member is resiliently connected to the distal housing part such that said actuation member is always recoiled after being biased regardless of whether the actuation mechanism is released; and wherein said drive force mechanism is configured to be released from its loaded state only after the holding member is axially moved in relation to the distal housing part and the actuation member is biased from the non operating to the operating position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.800/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SWITCH ELEMENT COMPRISING A LIQUID-CRYSTALLINE MEDIUM

(51) International classification	:C09K19/44,C09K19/46,C09K19/30
(31) Priority Document No	:10008779.0
(32) Priority Date	:24/08/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/003768
Filing Date	:27/07/2011
(87) International Publication No	:WO 2012/025182
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY

(72)Name of Inventor :

1)JUNGE Michael

(57) Abstract :

The present invention relates to a switch element, which is thermo-responsive and which switches between a less transmissive state for radiant energy and a more transmissive state for radiant energy, and which comprises a liquid-crystalline medium. The invention furthermore relates to the use of the switch element for the regulation of radiant energy flow between interior spaces and the environment and for the regulation of the temperature of interior spaces. The invention furthermore relates to a liquid-crystalline medium, characterised in that it comprises 5-95 % of a compound of the formula (I), in particular for use in the switch elements according to the invention.

No. of Pages : 129 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

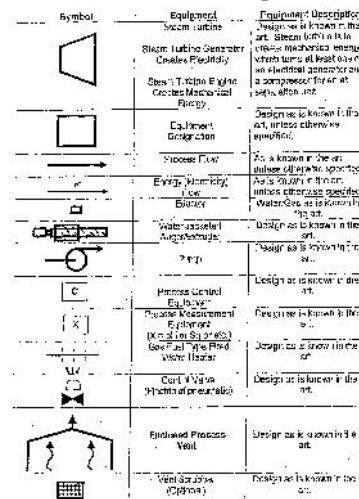
(43) Publication Date : 12/07/2013

(54) Title of the invention : A METHOD FOR THE PREPARATION OF A HALIDE ACID AND A METAL SULFOXY SALT FROM THE REACTION OF A METAL HALIDE SALT AND A SULFOXY ACID

(51) International classification	:B29C/G03C	(71)Name of Applicant :
(31) Priority Document No	:11/041,329	1)HAASE, RICHARD
(32) Priority Date	:24/01/2005	Address of Applicant :4402 RINGROSE DRIVE, MISSOURI CITY, TAXAS 77459 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2006/002527	1)HAASE, RICHARD
Filing Date	:24/01/2006	2)SMAARDYK,JOHN
(87) International Publication No	: WO/2006/088615	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:3074/KOLNP/2007	
Filed on	:21/08/2007	

(57) Abstract :

This invention discloses a method for the preparation of a halide acid and a metal sulfoxyl salt from the reaction of a metal halide salt and a sulfoxyl acid, said method comprising a reactor, wherein said reactor comprises at least one auger and/or extruder, wherein said auger/extruder-type reactor comprises a mixing/reaction section for said metal halide salt and said sulfoxyl acid, and wherein said reactor comprises at least one vent for the removal of said halide acid.



No. of Pages : 88 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ELECTRONICALLY CONTROLLED LIQUID DISPENSING SYSTEM WITH MODULAR TUBING AND POWER DESIGN

(51) International classification	:B67D1/08
(31) Priority Document No	:61/378,185
(32) Priority Date	:30/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/049713
Filing Date	:30/08/2011
(87) International Publication No	:WO 2012/030812
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ITT MANUFACTURING ENTERPRISES, INC.
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(72)Name of Inventor :

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2)MEZA, Humberto Valenzuela
3)PANDYA, Jignesh N.
4)JOSHI, Ujjaval D.

(57) Abstract :

Apparatus is provided featuring a switch-mode power supply (SMPS) having a power circuit component in combination with a SMPS controller. The power circuit component may be configured to provide power to a pump that provides fluid from a container to some other device, including an appliance. The SMPS controller may be configured to receive signaling containing information about at least one control parameter selected from a group including a pressure at an outlet of the pump, a fluid level in the container and the temperature of a motor of the pump, and also may be configured to shut off the power provided to the pump based at least partly on the signaling received so that the power circuit component substantially does not draw power and heat up when the pump is shut off.

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : BINDER CONTAINING SUBSTITUTED BENZENES AND NAPHTHALENES FOR PRODUCING CORES AND MOLDS FOR METAL CASTING, MOLD MATERIAL MIXTURE, AND METHOD

(51) International classification	:C08G8/36,B22C11/00,C08G18/00
(31) Priority Document No	:10 2010 046 981.5
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/001789
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/041294
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASK CHEMICALS GMBH

Address of Applicant :Reisholzstrasse 16-18, 40721 Hilden, GERMANY

(72)Name of Inventor :

1)PRIEBE, Christian

2)KOCH, Diether

(57) Abstract :

The invention relates to a polyurethane-based binder for producing cores and casting molds, containing alkyl/alkenyl benzenes and at the same time dialkylated and/or dialkenylated naphthalenes, in particular for cold box mixtures, to a method using the binder, and to mold material mixtures containing the binder having delayed curing of the uncatalyzed mold material mixture.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.703/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : EFFICIENT HANDOVER/SCANNING TRIGGER METHOD IN A BROADBAND WIRELESS ACCESS SYSTEM SUPPORTING A MULTICARRIER

(51) International classification	:H04W36/26,H04B7/26,H04L27/26
(31) Priority Document No	:61/382,887
(32) Priority Date	:14/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/006760
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/036448
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor :

1)JUNG, Inuk

2)RYU, Kiseon

3)KWAK, Jinsam

4)LEE, Wookbong

(57) Abstract :

The present invention relates to a broadband wireless access system, and more particularly, to a method of preventing a terminal from performing an unnecessary operation in a multicarrier environment, and a device for performing the method. An operating method of a terminal operating as a carrier aggregation mode in a broadband wireless access system supporting a multi carrier according to an embodiment of the present invention includes: obtaining system information on a neighbor base station and trigger function information applied to a carrier aggregation mode through a first broadcast message broadcasted from a serving base station; scanning a channel state for at least one carrier of a neighbor base station supporting a multicarrier by using the obtained system information; and transmitting a second message to the serving base station if the scanning result satisfies a condition based on the trigger function information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RECEIVING DATA AT MOBILE STATION IN SLEEP MODE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B7/26
(31) Priority Document No	:61/383,333
(32) Priority Date	:16/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/006666
Filing Date	:08/09/2011
(87) International Publication No	:WO 2012/036418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
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(72)Name of Inventor :

1)PARK, Giwon

2)RYU, Kiseon

3)YUK, Youngsoo

(57) Abstract :

A method and apparatus for receiving data at a mobile station in a wireless communication system are disclosed. A method of receiving data mobile station in a wireless communication system includes receiving an Advanced Air Interface Traffic Indication (AAI_TRF-IND) message including a positive indicator during a listening window from a base station, and receiving a traffic by extending the listening window without restriction as to an extension range of the listening window from the BS if there is traffic to be transmitted to or received from the base station after the listening window.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.861/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

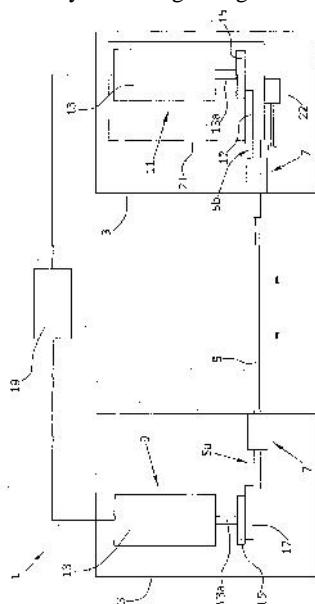
(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR CUTTING BLOCK MATERIALS AND CUTTING MACHINE FOR CUTTING BLOCK MATERIALS

(51) International classification	:B23D51/16,B23D57/00,B26D1/10	(71)Name of Applicant :
(31) Priority Document No	:102010047749.4	1)FECKEN-KIRFEL GMBH & CO. KG
(32) Priority Date	:08/10/2010	Address of Applicant :Prager Ring 1-15, 52070 Aachen, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/067320	1)TILLMANN, Michael
Filing Date	:04/10/2011	2)TÖNNES, Helmut
(87) International Publication No	:WO 2012/045745	3)WEINGÄRTNER, Ludger
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for cutting block materials, in particular foamed or expanded materials, wherein a cutter element (5) having a first and a second end (5a, 5b) is driven in a translatory manner to perform a movement to and fro in the longitudinal direction. The first and second ends (5a, 5b) of the cutter element (5) are driven, wherein the drive of the first end (5a) of the cutter element (5) takes place by transforming a first rotary movement into a first translatory movement and the drive of the second end (5b) of the cutter element (5) takes place by transforming a second rotary movement into a second translatory movement that is in the same direction as the first translatory movement. Based on complete revolutions, the rotational speed of the first rotary movement is the same as the rotational speed of the second rotary movement, and, when there is a reversal of the first and second rotary movements, the first rotary movement has a greater angular velocity in a first and a second portion of the revolution than the second rotary movement and the second rotary movement has a greater angular velocity than the first rotary movement in a third and a fourth portion of the revolution, and the first and second rotary movements have the same angular velocity at the beginning and end of a revolution and at the transition between the second and third portions of the revolution.



No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.849/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR TRANSMITTING UPLINK RESPONSE SIGNALS, BASE STATION, MOBILE STATION AND COMMUNICATION SYSTEM

(51) International classification	:H04W72/04	(71) Name of Applicant : 1)FUJITSU LIMITED Address of Applicant :1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588,Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2010/077150	(72) Name of Inventor : 1)ZHANG Yuantao 2)ZHANG Yi 3)LAN Yuanrong 4)ZHOU Hua 5)WU Jianming
Filing Date	:20/09/2010	
(87) International Publication No	:WO 2012/037716	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, base station, mobile station and communication system for transmitting uplink response signal are provided, wherein, the method includes that: it is judged whether to use the downlink secondary component carrier to send data to a mobile station; if the judgment result is yes, resources are assigned according to the number of the transmission blocks of the downlink data sent on the secondary component carrier, so that the mobile station can select the uplink resources for transmitting response signal from the pre-configured resources corresponding to the primary component carrier and the resources assigned to the secondary component carrier. When resources deficiency occurs, the base station assigns extra resources according to the number of the transmission blocks TB of the transmission data, so that the mobile station uses the pre-configured resources and the resources assigned extra to feed back the response signal, which can reduce the overheard to feed back the response signal, and resolve the problem of resources deficiency.

No. of Pages : 56 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.880/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : COMBINATION TREATMENT FOR ROSACEA

(51) International classification :A61K31/498,A61K31/4168,A61K31/4164
(31) Priority Document No :61/387,260
(32) Priority Date :28/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053440
Filing Date :27/09/2011
(87) International Publication No :WO 2012/047645
(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 :World Trade Center Avenue Gratta-Paille 1 CH-1000 Lausanne 30 Grey SWITZERLAND

(72)Name of Inventor :

1)GRAEBER, Michael

2)LEONI, Matthew, James

3)WAGNER, Nathalie

(57) Abstract :

The invention relates to a method of treating erythema and/or telangiectasia associated with rosacea in a patient in need thereof by topically administering an effective amount of a combination of brimonidine or a pharmaceutically acceptable salt thereof and oxymetazoline or a pharmaceutically acceptable salt thereof to the site of erythema and/or telangiectasia on the skin of the patient. The invention further relates to topical compositions including the combination of compounds and a pharmaceutically acceptable carrier.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.881/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : GOLF COURSE FOR PLAYING ON AT NIGHT

(51) International classification	:A63B69/36	(71) Name of Applicant : 1)SUCHANEK, Martin Address of Applicant :Poststrasse 17, CH-8312 Winterberg
(31) Priority Document No	:01455/10	Switzerland
(32) Priority Date	:10/09/2010	(72) Name of Inventor : 1)SUCHANEK, Martin
(33) Name of priority country	:Switzerland	
(86) International Application No	:PCT/EP2011/065377	
Filing Date	:06/09/2011	
(87) International Publication No	:WO 2012/032037	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This golf course includes a fairway (11),tees (17),greens (1),holes (3) and bunkers (4),and other customary obstacles (6). As a particular feature, it has a special lighting arrangement, such that it also allows golf to be played during hours of darkness. To this end, at least the tees (17),the greens (1),the bunkers (4) and obstacles (6) are each equipped with a series of discrete or continuous light sources (12 15 18 20 36),preferably in the form of ground installed LEDs or of OLEDs or LEDs. These lights extend along the edges of the objects in question and are installed flush with the ground. The holes (3) are illuminated internally by means of a light source, and the flagpoles (24) are designed as removable illuminating poles, such that the hole (3) remains lit even after removal of the flagpole. On a golf course equipped in this manner, the game of golf is played with an illuminating golf ball. The length of time it is possible to play on a golf course is extended substantially, and a highly attractive ambience is created on the course.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : AGONISTS OF NEUROTROPHIN RECEPTORS AND THEIR USE AS MEDICAMENTS

(51) International classification	:C07D207/04,C07D207/27,A61K38/06
(31) Priority Document No	:61/378,823
(32) Priority Date	:31/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2011/002562 :31/08/2011
(87) International Publication No	:WO 2012/028959
(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)VILLOSLADA, Pablo

Address of Applicant :Bonanova 95 6-2, E-08017 Barcelona SPAIN

2)MESSEGUE, Angel

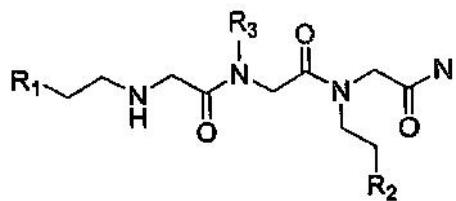
(72)Name of Inventor :

1)VILLOSLADA Pablo

2)MESSEGUE, Angel

(57) Abstract :

The invention relates to compounds of Formula (I): and pharmaceutically acceptable salts thereof, wherein R1, R2 and R3 are defined as set forth in the specification. The compounds are agonists of neurotrophin (such as nerve growth factor) receptors.



No. of Pages : 95 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.867/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : RECOGNIZING A FEATURE OF AN IMAGE INDEPENDENTLY OF THE ORIENTATION OR SCALE OF THE IMAGE

(51) International classification	:G06K9/46,G06T7/60	(71)Name of Applicant :
(31) Priority Document No	:12/895,175	1)INTUIT INC. Address of Applicant :2700 Coast Avenue, Mountain View, California 94043 U.S.A.
(32) Priority Date	:30/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/057367	(72)Name of Inventor :
Filing Date	:19/11/2010	1)LAASER, William T.
(87) International Publication No	:WO 2012/044335	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment of the present invention provides a system for recognizing a feature of an image independently of the orientation or scale of the image. During operation, the system receives an image. Next, the system identifies a feature within the image. The system then performs a principal component analysis (PCA) operation on the feature to determine an orientation of a primary component of the feature and a secondary component of the feature, wherein the PCA operation is performed while source data for the image is retained. Finally, the system recognizes the feature by analyzing the primary component of the feature and the secondary component of the feature.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.868/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : WIND POWER PLANT STRUCTURE

(51) International classification	:F03D11/00,F03D11/02,F03D1/00
(31) Priority Document No	:20105890
(32) Priority Date	:26/08/2010
(33) Name of priority country:	Finland
(86) International Application No	:PCT/FI2011/050725
Filing Date	:18/08/2011
(87) International Publication No	:WO 2012/025667
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WINWIND OY

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(72)Name of Inventor :

1)TARULA, Vesa

2)SIVILL, Kalle

3)RAUTIO, Antti

4)JOKINEN, Juhani

(57) Abstract :

The invention relates to a wind power plant structure including a rotor (1) with a hub (2) and blades supported thereto; a shell (3); a main bearing (4) between the rotor and the shell; and at least one generator (5) coupled to the rotor. According to the invention, the main bearing (4) includes an inner ring (6) mounted in its position on the shell (3); an outer ring (7) mounted to the hub (2) of the rotor; and a bearing (8) between the inner ring and the outer ring. Furthermore, the outer ring encompasses a toothing (9) coupled with the generator (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : BIOMARKERS OF RENAL INJURY

(51) International classification :G01N33/50,G01N33/68
(31) Priority Document No :61/386,230
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052082
 Filing Date :19/09/2011
(87) International Publication No :WO 2012/040073
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)SINGBARTL, Kai
2)KELLUM John A.**

(57) Abstract :

This invention is related to the field of the prevention and treatment of kidney disease. The treatment of kidney disease may be tailored depending upon the need for, or expectation of, long term dialysis. For example, prediction of long-term dialysis treatment can be determined by monitoring urine biomarkers related to the development of chronic kidney disease. For example, a normalized time course of approximately fourteen Days measuring hyaluronic acid, death receptor 5, and/or transforming growth factor 1 can be used to establish the risk of recovery versus non-recovery in patient's having suffered an acute kidney injury.

No. of Pages : 82 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.588/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TAMPER RESISTANT DOSAGE FORM COMPRISING INORGANIC SALT

(51) International classification :A61K9/16,A61K9/20,A61K47/02
(31) Priority Document No :10009121.4
(32) Priority Date :02/09/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/004406
Filing Date :01/09/2011
(87) International Publication No :WO 2012/028319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GRÜNENTHAL GMBH

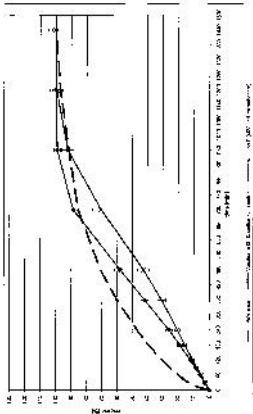
Address of Applicant :Zieglerstrasse 6, D-52078 Aachen,
GERMANY

(72)Name of Inventor :

1)BARNSCHEID, Lutz

(57) Abstract :

The invention relates to a pharmaceutical dosage form exhibiting a breaking strength of at least 500 N, said dosage form containing a pharmacologically active ingredient (A); an inorganic salt (B); and a polyalkylene oxide (C) having a weight average molecular weight of at least 200,000 g/mol, wherein the content of the polyalkylene oxide (C) is at least 20 wt.-%, based on the total weight of the dosage form; wherein the pharmacologically active ingredient (A) is present in a controlled-release matrix comprising the inorganic salt (B) and the polyalkylene oxide (C) and wherein, under in vitro conditions, the release profile of the pharmacologically active ingredient (A) from said matrix comprises at least a time interval during which the release follows zero order kinetics.



No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.710/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING FLUORINATED POLYSILANES

(51) International classification :C08G77/60,C07F7/08,G03F7/075
(31) Priority Document No :10 2010 045 260.2
(32) Priority Date :14/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/065968
Application Filing Date :14/09/2011
(87) International Publication No :WO 2012/035080
(61) Patent of Addition to Application Number :NA
Application Filing Date :NA
(62) Divisional to Application Number :NA
Application Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AUINTER Norbert

2)BAUCH Christian

3)DELTSCHEW Rumen

4)HOLL Sven

5)MOHSSENI Javad

(57) Abstract :

The invention relates to a method for producing fluorinated polysilanes. Hydrogen fluoride and/or hexafluorosilicic acid, which are obtained in particular during acid digestion of mineral phosphates in the production of phosphate fertilisers, are used for the production of SiF₄. The SiF₄ obtained is thermally or plasma-chemically converted to fluorinated polysilane. The method is particularly efficient and cost-effective.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.750/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : PERCUTANEOUS ABSORBENT AND ADHESIVE SHEET FOR SKIN PATCH

(51) International classification	:A61K9/70,A61K47/06,A61K47/32
(31) Priority Document No	:2010/198335
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/004922
Filing Date	:01/09/2011
(87) International Publication No	:WO 2012/029325
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KM Transderm

Address of Applicant :Kita ku, Nakanoshima, 3-2-4, Osaka-shi, Osaka 530-0005 Japan

2)MEDRx Co., Ltd.

(72)Name of Inventor :

1)AKAZAWA, Mitsuji

2)YAMASAKI, Keiko

(57) Abstract :

Provided are a percutaneous absorbent with low skin irritation and sufficient drug-releasing property, and further an adhesive sheet for skin patch with low skin irritation in addition to sufficient viscosity. Further, provided is a percutaneous absorbent with sufficient drug-releasing property in addition to the properties described above. An adhesive sheet for skin patch formed with an adhesive layer on a base material, characterized in that the adhesive layer contains at least thermoplastic elastomer, and more than 300 parts by weight of liquid paraffin based on 100 parts by weight of the elastomer, and the content of a tackifier in the adhesive layer is 10% by weight or less.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : FLUID-FILLED LENSES AND THEIR OPHTHALMIC APPLICATIONS

		(71)Name of Applicant : 1)ADLENS BEACON, INC. Address of Applicant :33 Wood Avenue South, Suite 600, Iselin, NJ 08830 U.S.A.
(51) International classification	:G02B3/14	
(31) Priority Document No	:12/855,465	
(32) Priority Date	:12/08/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/047396	
Filing Date	:11/08/2011	
(87) International Publication No	:WO 2012/021688	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fluid lens assembly including a front rigid lens, a semi flexible membrane that is adapted to be expanded from a minimum inflation level to a maximum inflation level, and a fluid layer therebetween. The front lens of the fluid lens assembly is configured to have a negative optical power. In an embodiment, the fluid lens assembly may be configured to have an overall negative optical power when the membrane is expanded to the maximum inflation level. In an embodiment, the fluid lens assembly can be configured to have an overall negative optical power when the membrane is expanded between the minimum inflation level and the maximum inflation level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.727/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : NEW METHOD FOR EXTINGUISHING FIRE

(51) International classification	:A62D1/00,A62D1/06	(71) Name of Applicant : 1)SHAANXI J&R FIRE FIGHTING CO., LTD. Address of Applicant :Qingyang International Building, Tsinghua Science Park, No. 65 Ke Ji Er Road, High-Tech Industry Development Zone, Xi'an, Shaanxi 710075, China.
(31) Priority Document No	:201010285541.5	
(32) Priority Date	:16/09/2010	
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2011/079423	
Filing Date	:07/09/2011	
(87) International Publication No	:WO 2012/034489	
(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 new method for extinguishing a fire, characterized in that a pyrotechnic composition is used as a heat source (energy) and power source (driving gas); during use, by igniting the pyrotechnic composition, the high temperature generated by the combustion of the pyrotechnic composition is utilized to make a fire extinguishing material produce a large amount of fire extinguishing substance, which is sprayed out together with the pyrotechnic composition, so as to achieve the purpose of extinguishing a fire. As compared with conventional aerosol fire extinguishing systems gas fire extinguishing systems and water type fire extinguishing systems the fire extinguishing method of the present invention is more efficient and safer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : FERROCENE-BASED FIRE EXTINGUISHING COMPOSITION

(51) International classification	:A62D1/06	(71) Name of Applicant :
(31) Priority Document No	:201010285564.6	1)SHAANXI J&R FIRE FIGHTING CO., LTD.
(32) Priority Date	:16/09/2010	Address of Applicant :Qingyang International Building,
(33) Name of priority country	:China	Tsinghua Science Park, No. 65 Ke Ji Er Road, High-Tech
(86) International Application No	:PCT/CN2011/079426	Industry Development Zone, Xi'an, Shaanxi 710075, China.
Filing Date	:07/09/2011	(72) Name of Inventor :
(87) International Publication No	:WO 2012/034492	1)GUO, Hongbao
(61) Patent of Addition to Application Number	:NA	2)LIU, Honghong
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a ferrocene- based fire extinguishing composition. The fire extinguishing composition comprises ferrocene, a ferrocene derivative, or a combination thereof, in a content of 25 weight% or higher. In use, a pyrotechnic agent is ignited as a heat source and a power source, the fire extinguishing composition generates a large amount of fire extinguishing substance at a high temperature generated by combustion of the pyrotechnic agent, and the fire extinguishing substance is jetted out with the pyrotechnic agent, so as to achieve the purpose of fire extinguishing. Compared with a conventional fire extinguishing composition, a more efficient and safer fire extinguishing composition is provided.

No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.350/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : DEVICE FOR MANUFACTURING ABSORBER AND METHOD FOR MANUFACTURING AIR PERMEABLE MEMBER

(51) International classification	:A61F13/15,A61F13/49
(31) Priority Document No	:2010-194486
(32) Priority Date	:31/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068844
Filing Date	:22/08/2011
(87) International Publication No	:WO 2012/029574
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

Address of Applicant :182, KINSEICHOSHIMOBUN,
SHIKOKUCHUO-SHI, EHIME 799-0111 Japan

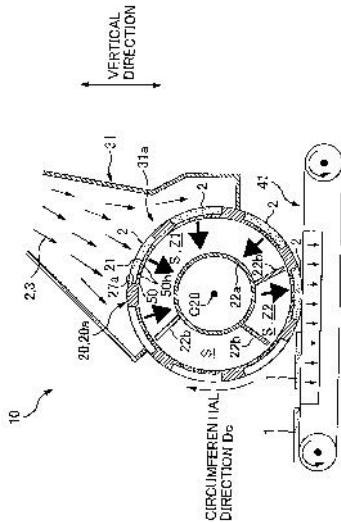
(72)Name of Inventor :

1)ISSHIKI, HIROSHI

2)ISHIKAWA, OSAMU

(57) Abstract :

A device for manufacturing an absorber in an absorbent article by passing a gas comprising a liquid absorbent material through an air permeable member in a thickness direction, and laminating the liquid absorbent material onto the air permeable member. The air permeable member is constituted such that a plurality of plates is stacked in the thickness direction. Each of the plurality of plates has a plurality of air holes that penetrate in the thickness direction and pass the gas through. The plurality of air holes in each plate is arranged so as to connect with the corresponding air hole in the adjoining plate in the thickness direction. With respect to all the plates stacked in the thickness direction, the air holes that correspond to each other are formed in the same shape, and junctions that join adjoining plates in the thickness direction are formed in places where air holes are not formed in the plates.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : METHOD FOR PRODUCING A PISTON RING

(51) International classification	:F16J9/14,F16J9/26	(71) Name of Applicant : 1)FEDERAL-MOGUL BURSCHEID GMBH Address of Applicant :Bürgermeister-Schmidt Stasser 17, 51399 Burscheid, GERMANY
(31) Priority Document No	:10 2010 046 551.8	
(32) Priority Date	:27/09/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/DE2011/001384	
Filing Date	:29/06/2011	
(87) International Publication No	:WO 2012/041267	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a piston ring (1) provided with a butt joint (5), in that an annular metal main body is provided with at least one hard layer (2) at least in the area of the outer circumferential surface (2) of said main body, wherein after this coating the inner circumferential surface (3) of the piston ring is at least partially subjected to a wall-thickness-reducing material removal process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.758/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : TRANSPORT AND PRESENTATION BOX

(51) International classification	:B65D25/00	(71) Name of Applicant : 1)IFCO SYSTEMS GMBH Address of Applicant :Zugspitzstraße 7, 82049 Pullach, GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2010/063804	(72) Name of Inventor : 1)ORGELDINGER, Wolfgang 2)DELBROUCK, Klaus
Filing Date	:20/09/2010	
(87) International Publication No	:WO 2012/037961	
(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 box comprising a base (12) and at least two pairs of opposing lateral walls (14a, 14b, 16a, 16b). A first of the lateral walls (16b) extends upwards from the base (12) in a vertical direction (18) at least partly only by a removal height (20) that is shorter than the height of one or more of the remaining lateral walls (14a, 14b, 16a) in order to define a lateral opening with dimensions that allow access to and removal of products contained in the box through the lateral opening. Furthermore, a blocking element (100) is provided which extends between the two opposing lateral walls (14a, 14b) that adjoin the first lateral wall (16b) and which can be moved between a first position and a second position. The blocking element is arranged between the opposing lateral walls (14a) and (14b) and at a distance from the first lateral wall (16b) in the first position and in an overlapping manner with the first lateral wall (16b) in the second position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.865/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SOIL COMPOSITION USEFUL FOR CULTIVATION OF NITROGEN-REDUCED GRAIN FOOD

(51) International classification	:C05F/A23L
(31) Priority Document No	:200-207261
(32) Priority Date	:14/07/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/012891
Filing Date	:13/07/2005
(87) International Publication No	:WO/2006/006615
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3669/KOLNP/2006
Filed on	:06/12/2006

(71)Name of Applicant :

1)NIHON PACK CO.

Address of Applicant :58-1 AZA HIGASHI-DORI,IZAI
WAKABAYASHI-KU, SENDAI-SHI MIYAGI 984-0038,
Japan

(72)Name of Inventor :

1)SUGIYAMA, CHIKATSUGU

(57) Abstract :

The invention discloses a composition soil useful in cultivation of nitrogen-reduced grain food selected from a plant group consisting of rice with or without husk, cereals with or without husk, millets with or without husk and pulses with or without husk, comprising, per 100gr of the soil composition, 0.02 to 50 mg of amino acid nitrogen, denoted by A-N, 0.02 to 70 mg of a nitrogen content in one chemical form different from the amino acid form, denoted by N-N, 2 to 400 mg of phosphate in available form, 1 to 300 mg of exchangeable potassium, 50 to 1000 mg of exchangeable lime, 5 to 400 mg of exchangeable magnesia, 0.5 to 70 ppm of available manganese, 1.5 to 300 ppm of available iron, 0.1 to 30 ppm of available copper, 1.5 to 80 ppm of available zinc, 0.5 to 30 ppm of boron, 0.002 to 2 ppm of molybdenum, and 1.0 to 9.0 % of humus, and wherein the soil has an absorbance index of phosphate of 40 to 3000 mg, a capacity of base substitution of 5 to 40 CEC, an acidity of 3.2 to 7.5 in PH, and an electric conductivity of 0.02 to 5, denoted by mS/cm.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : PREPARATION OF HYDROPHILIC POLYMERS OF HIGH MASS BY CONTROLLED RADICAL POLYMERIZATION

(51) International classification	:C08F2/38	(71)Name of Applicant :
(31) Priority Document No	:10 57900	1)RHODIA OPERATIONS
(32) Priority Date	:30/09/2010	Address of Applicant :40, Rue De La Haie Coq, F-93306 Aubervilliers France
(33) Name of priority country	:France	2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S)
(86) International Application No	:PCT/FR2011/052254	
Filing Date	:27/09/2011	
(87) International Publication No	:WO 2012/042167	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DESTARAC, Mathias
(62) Divisional to Application Number	:NA	2)GUINAUDEAU, Aymeric
Filing Date	:NA	3)MAZIERES, Stéphane
		4)WILSON, James

(57) Abstract :

The present invention relates to a process for preparing a polymer comprising at least one step (E) of gel polymerization, which gives access to polymer blocks of controlled high mass, in which the following are brought into contact: identical or different, ethylenically unsaturated water soluble monomers; - a source of free radicals suitable for the polymerization of said monomers, typically a redox system; and - an agent for controlling the radical polymerization, preferably comprising a thiocarbonylthio group -S(C=S)-, with a concentration of monomers in the reaction medium of step (E) that is high enough to induce gelation of the medium if the polymerization is performed in the absence of the control agent.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.890/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : MONOMER COMPOSITION CONTAINING UNSATURATED POLYALKYLENE GLYCOL ETHER-BASED MONOMER, METHOD FOR PRODUCING COMPOSITION, POLYMER OBTAINED USING COMPOSITION, AND METHOD FOR PRODUCING POLYMER

(51) International classification :C08F216/16,C04B24/26,C08F290/06
(31) Priority Document No :2010-222236
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071662
 Filing Date :22/09/2011
(87) International Publication No :WO 2012/043395
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NIPPON SHOKUBAI CO., LTD.

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(72)Name of Inventor :

1)KAWABATA, Hiroshi

(57) Abstract :

1n212[Problem] To provide a monomer composition containing an unsaturated polyalkylene glycol ether based monomer and having excellent stability.[Solution] A monomer composition containing an unsaturated polyalkylene glycol ether based monomer represented by chemical formula (1): YO(R1O)nR2,an organic acid, and water, and having a pH of 4 to 13. In formula (1), Y represents an alkenyl group having 2 to 7 carbon atoms, RO represents one or more types of oxyalkylene groups having 2 to 18 carbon atoms n represents the average addition mole number of oxyalkylene groups and is a number of 5 to 500, and R2 represents a hydrogen atom or a hydrocarbon group having 1 to 30 carbon atoms.

No. of Pages : 97 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : ENTERAL NUTRIENT

(51) International classification	:A61K38/00,A61P3/02
(31) Priority Document No	:2010-222796
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/072309
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/043688
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TERUMO Kabushiki Kaisha

Address of Applicant :44-1, Hatagaya 2-chome, Shibuya-ku,
Tokyo 1510072 Japan

(72)Name of Inventor :

1)TANI Yasuyo

2)ARIIZUMI Tsuyoshi

(57) Abstract :

Provided is an enteral nutrient which although containing soy protein as a protein source, does not show a rapid increase in viscosity or cause non-homogeneity due to aggregation or thermal denaturation even if undergoing disinfection or during preparation, and therefore is stable, and also has a good flavor without providing a bitter taste specific to soybeans or non smooth texture. The enteral nutrient is an acidic enteral nutrient containing proteins, fats, carbohydrates, vitamins, minerals, and dietary fibers, and having a pH ranging from 3 to 4, wherein as the proteins, soy protein containing 20 to 40% of a peptide fraction having a molecular weight less than 6000 is contained in an amount of 5 to 65% of the total proteins.

No. of Pages : 40 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2013

(21) Application No.888/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : RETINA PROSTHESIS

(51) International classification	:A61F9/08,A61N1/36	(71) Name of Applicant : 1)CORNELL UNIVERSITY Address of Applicant :395 Pine Tree Road, Suite 310, Ithaca, New York 14850 U.S.A.
(31) Priority Document No	:61/378,793	
(32) Priority Date	:31/08/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/049188	(72) Name of Inventor : 1)NIRENBERG, Sheila 2)PANDARINATH, Chethan 3)OHIOPENUAN, Lfije
Filing Date	:25/08/2011	
(87) International Publication No	:WO 2012/030625	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure provides a retinal prosthetic method and device that mimics the responses of the retina to a broad range of stimuli, including natural stimuli. Ganglion cell firing patterns are generated in response to a stimulus using a set of encoders interfaces, and transducers, where each transducer targets a single cell or a small number of cells. The conversion occurs on the same time scale as that carried out by the normal retina. In addition aspects of the invention may be used with robotic or other mechanical devices, where processing of visual information is required. The encoders may be adjusted over time with aging or the progression of a disease.

No. of Pages : 161 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2013

(21) Application No.856/KOLNP/2013 A

(43) Publication Date : 12/07/2013

(54) Title of the invention : SUBSTITUTED 2-OXY-QUINOLINE-3-CARBOXAMIDES AS KCNQ2/3 MODULATORS

(51) International classification :C07D215/54,C07D409/12,A61K31/4709
(31) Priority Document No :10008921.8
(32) Priority Date :27/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004277
Filing Date :26/08/2011
(87) International Publication No :WO 2012/025236
(61) Patent of Addition to :NA
Application Number :NA
Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GRÜNENTHAL GMBH

Address of Applicant :Zieglerstrasse 6, D-52078 Aachen,
GERMANY

(72)Name of Inventor :

1)KÜHNERT, Sven

2)BAHRENBERG, Gregor

3)KLESS, Achim

4)SCHRÖDER, Wolfgang

(57) Abstract :

The invention relates to substituted 2-oxy-quinoline-3-carboxamides, to pharmaceutical compositions containing these compounds and also to these compounds for use in the treatment and/or prophylaxis of pain and further diseases and/or disorders.

No. of Pages : 96 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.857/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 12/07/2013

(54) Title of the invention : NON-AQUEOUS ELECTROLYTE COMPOSITION AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

(51) International classification :H01M10/0567,H01M10/052,H01M10/0568
(31) Priority Document No :2010-197839
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066177
Filing Date :15/07/2011
(87) International Publication No :WO 2012/029418
(61) Patent of
Addition to
Application
Number :NA
Number :NA
Filing Date
(62) Divisional to
Application
Number :NA
Number :NA
Filing Date

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

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Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor :

1)HAGIYAMA Kosuke

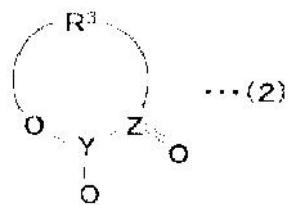
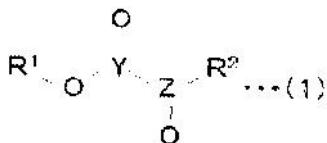
2)MATSUO Azusa

3)YASUDA Hiroyuki

4)MIYAKUBO Hiroshi

(57) Abstract :

The present invention provides a non-aqueous electrolyte composition with excellent high-temperature stability and a non-aqueous electrolyte secondary battery using same. The non-aqueous electrolyte composition includes a supporting electrolyte, an organic solvent, and at least one type of chemical compound (a) selected from a group comprising a chemical compound (a1) indicated by general formula (1) and a chemical compound (a2) indicated by general formula (2).



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

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publicatio n of Abstract u/s 11(A)	Approp riate Office
1	190783	2351/DEL/1998	12/08/1998		TASTE MODIFIED HARD CONFECTIONERY COMPOSITIONS CONTAINING FUNCTIONAL INGREDIENTS	WARNER- LAMBERT COMPANY		DELHI
2	192817	1312/DEL/1995	13/07/1995		A PROCESS FOR MANUFACTURING A METAL STRIP AND AN APPARATUS FOR THE SAME	ALCAN INTERNATIONAL LIMITED		DELHI
3	256584	4906/DELNP/2007	01/12/2005	30/12/2004	METHOD AND SYSTEM FOR TARGETED BROADCASTING	MOTOROLA MOBILITY, INC.	10/08/2007	DELHI
4	256585	2840/DELNP/2006	26/03/2004	28/03/2003	A BROWSABLE SLIDE SHOW REPRODUCING APPARATUS	SAMSUNG ELECTRONICS CO.LTD	10/08/2007	DELHI
5	256592	1429/DELNP/2004	06/03/2003	07/03/2002	METHOD AND MACHINE FOR THE PRODUCTION OF HOLLOW GLASSWARE	VITRO GLOBAL, S.A.	22/12/2006	DELHI
6	256603	1361/DELNP/2007	04/04/2006	05/04/2005	OPTIMAL IOL SHAPE FACTORS FOR HUMAN EYES	ALCON,INC.	03/08/2007	DELHI
7	256605	3177/DELNP/2004	24/04/2003	24/04/2002	A METHOD FOR TRICK MODE OPERATION IN A PERSONAL VIDEO RECORDER AND THE PERSONAL VIDEO RECORDER THEREOF	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
8	256606	3701/DELNP/2007	08/11/2005	23/11/2004	ENCODING AND DECODING METHOD AND ENCODING AND DECODING DEVICE	NOKIA SIEMENS NETWORKS GMBH & CO. KG	10/08/2007	DELHI
9	256608	2583/DELNP/2007	30/09/2005	30/09/2004	A PROCESS AND APPARATUS FOR PURIFYING A MOLECULE OF INTEREST	BAYER HEALTHCARE LLC	03/08/2007	DELHI
10	256609	2284/DELNP/2008	04/08/2006	18/08/2005	POLYMERIZABLE COMPOSITION	MITSUI CHEMICALS, INC.	15/08/2008	DELHI
11	256610	6406/DELNP/2006	04/05/2005	05/05/2004	A FORMICARY CORROSION RESISTANT HEAT TRANSRER TUBE COMPRISING A TIN BRASS ALLOY	LUVATA OY	31/08/2007	DELHI

12	256613	3118/DELNP/2004	07/04/2003	10/04/2002	ELECTROHYDRAULIC PRESSING DEVICE AND METHOD FOR OPERATING THE SAME	GUSTAV KLAUKE GMBH	02/10/2009	DELHI
13	256614	158/DELNP/2007	24/06/2005	25/06/2004	A PHARMACEUTICAL COMPOSITION COMPRISING STRONTIUM SALTS	MOKWALO SPF S.A.	03/08/2007	DELHI
14	256615	3353/DELNP/2006	14/11/2003	14/11/2003	THE DERIVATIVES OF PYRIDONE AND USE THEREOF	SHANGHAI GENOMICS, INC.	24/08/2007	DELHI
15	256616	469/DELNP/2007	10/08/2005	11/08/2004	A PROCESS FOR PREPARING AN ION-PERMEABLE WEB-REINFORCED SEPARATOR MEMBRANE	VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK[VITO]	03/08/2007	DELHI
16	256625	1461/DEL/2004	06/08/2004	15/08/2003	CHROMIUM-FREE METAL SURFACE TREATMENT AGENT	HODEN SEIMITSU KAKO KENKYUSHO CO.,LTD	21/07/2006	DELHI
17	256630	5088/DELNP/2006	02/03/2005	03/03/2004	WATERPROOFING MEMBRANES FOR CIVIL STRUCTURES	W.R. GRACE & CO.-CONN	24/08/2007	DELHI
18	256631	3860/DELNP/2006	28/01/2005	30/01/2004	CYCLOPENTANYL CONTAINING MACROCYCLIC HCV NS-3 PROTEASE INHIBITORS	MEDIVIR AB.	13/07/2007	DELHI
19	256632	2278/DEL/2007	30/10/2007 17:42:22		AN AQUEOUS COMBUSTION PROCESS OF MAKING NANOSTRUCTURED Li ₄ Ti ₅ O ₁₂ .	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	08/05/2009	DELHI
20	256642	785/DEL/2005	31/03/2005		AN IMPROVED PROCESS FOR THE PREPARATION OF HIGH SELECTIVE DIPHENYL OXALATE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
21	256643	2685/DELNP/2004	18/03/2003	18/03/2002	A WIDE BANDWITH POLYPHASE POWER CONVERTER FOR CONNECTION TO A POLYPHASE POWER SUPPLY	RECTIFIER TECHNOLOGIES PACIFIC PTY LTD	09/10/2009	DELHI
22	256648	3752/DELNP/2004	30/05/2003	31/05/2002	A DEVICE FOR SIEVING AND/OR MIXING	SAM DOMINIC SEATON TURNBULL	04/12/2009	DELHI
23	256649	4330/DELNP/2006	11/02/2005	28/01/2004	A LUBRICANT COMPOSITION SUITABLE FOR USE IN GEARBOXES	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	13/07/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	256586	31/MUM/2010	05/01/2010		AN ASSAY STRIP FOR DETECTION OF SIDEROPHORE IN A SAMPLE	KADAM MEGHRAJ SHALIGRAM,AMBALA L BABULAL CHAUDHARI,SUDHIR BHASKARAO CHINCHOLKAR	19/03/2010	MUMBAI
2	256589	53/MUM/2004	16/01/2004	03/02/2003	SYSTEM AND METHOD FOR CHECKING AND RESOLVING PUBLICATION DESIGN PROBLEMS	MICROSOFT CORPORATION	01/09/2006	MUMBAI
3	256590	1006/MUM/2006	27/06/2006		AN INHALER FOR CONSUMPTION OF MEDICINE	RAVAL BHUPENDRA KANTILAL	25/05/2007	MUMBAI
4	256591	1227/MUM/2009	12/05/2009		A PROCESS OF PREPARATION OF ARSENIC SELECTIVE MEDIA	ION EXCHANGE (INDIA) LIMITED	19/11/2010	MUMBAI
5	256602	1123/MUMNP/2008	20/12/2006	22/12/2005	METHODS AND APPARATUS FOR FLEXIBLE REPORTING OF CONTROL INFORMATION	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
6	256607	1056/MUM/2009	22/04/2009	05/06/2008	SOLUBILIZED BENZOYL PEROXIDE TOPICAL DRUG FORMULATION	MODI PANKAJ	12/06/2009	MUMBAI
7	256611	495/MUMNP/2008	30/09/2006	15/10/2005	TWISTING FLYER	OERLIKON TEXTILE GMBH & CO. KG	11/07/2008	MUMBAI
8	256612	687/MUMNP/2008	11/09/2006	13/09/2005	COMBUSTION CHAMBER	NEUMAYER TEKFOR HOLDING GMBH	04/07/2008	MUMBAI
9	256618	2420/MUM/2010	31/08/2010 14:57:40		AN IMPROVED PROCESS FOR ON-LINE COTTON CRUDE MISCELLA REFINING	ABHAY COTEX PRIVATE LIMITED	18/03/2011	MUMBAI
10	256620	1011/MUMNP/2008	16/11/2006	16/11/2005	MULTI-CARRIER WIRELESS COMMUNICATION ACCESS TERMINAL AND DATA TRANSMISSION METHOD	VIA TELECOM CO., LTD.	11/07/2008	MUMBAI
11	256622	647/MUMNP/2008	06/09/2006	13/09/2005	TOOL ARRANGEMENT FOR THE PRODUCTION OF DEBURRED AND BEVELLED HELICAL GEARING IN GEAR WHEELS	FETTE GMBH,LIEBHERR-VERZAHNTECHNIK GMBH	04/07/2008	MUMBAI

12	256623	1444/MUM/2008	10/07/2008 15:11:38	26/07/2007	POWER SEMICONDUCTOR MODULE WITH SEALING DEVICE TO THE SUBSTRATE CARRIER AND PRODUCTION METHOD THEREFOR	SEMIKRON ELEKTRONIK GMBH & CO. KG	12/06/2009	MUMBAI
13	256624	94/MUMNP/2009	19/07/2007	21/07/2006	ANTI-INFLAMMATORY AND ANTIALLERGIC CYCLIC PEPTIDES	CRISTLIA PRODUTOS QU• MICOS FARMACŠUTICOS LTDA,FUNDA‡FO DE AMPARO PESQUISA DO ESTADO DE Sfo PAULO-FAPESP,FERREIRA M'nica	15/05/2009	MUMBAI
14	256629	367/MUM/2005	30/03/2005		ENERGY CONSERVING MULTI STAGE SUGAR CANE JUICE EVAPORATOR WITH THERMO COMPRESSOR	TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED	24/02/2006	MUMBAI
15	256633	1011/MUM/2008	13/05/2008		COMPOUNDS OF BIS - BROMO BENZOIC ACID HYDRAZONE AND PROCESS OR PREPARATION THEREOF,	SHELAR ASHOK RANGANATH	08/08/2008	MUMBAI
16	256635	48/MUM/2008	07/01/2008		ELECTROLYTIC PURIFICATION SYSTEM (EPS) FOR SANITIZATION AND PURIFICATION OF WATER PURIFICATION SYSTEMS	ION EXCHANGE (INDIA) LIMITED	02/10/2009	MUMBAI
17	256639	1211/MUMNP/2008	09/11/2006	27/01/2006	METHOD AND DRIVE FOR STORING OPERATIONAL STATE DATA OF A DRIVE OF A TEXTILE MACHINE	OERLIKON TEXTILE GMBH & CO. KG	18/07/2008	MUMBAI
18	256650	1811/MUMNP/2010	21/01/2009	21/01/2009	SYSTEM FOR PREPARING HIGH-QUALITY GASOLINE THROUGH COMPONENT OIL REFINING HYDROCARBON RECOMBINATION HYDROGENATION AND METHOD THEREOF	Beijing Grand Golden-Bright Engineering & Technologies CO. LTD.	25/03/2011	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256587	594/CHE/2004	22/06/2004	02/07/2003	ROTARY SHAFT, METHOD FOR PRODUCING IT AND DEVICE FOR CARRYING OUT THE METHOD	ABB Research Ltd.	04/03/2005	CHENNAI
2	256588	3471/CHENP/2007	06/02/2006	08/02/2005	METHOD FOR PURIFYING HYDROGEN CHLORIDE	SOLVAY (SOCIETE ANONYME)	16/11/2007	CHENNAI
3	256594	3606/CHENP/2007	13/01/2006	17/01/2005	ANTHRAPYRIDONE COMPOUND, MAGENTA INK COMPOSITION AND COLORED MATTER	NIPPON KAYAKU KABUSHIKI KAISHA	21/12/2007	CHENNAI
4	256597	749/CHENP/2007	23/12/2004	22/07/2004	BOTTLE CLOSURE	GUALA CLOSURES S.P.A.	24/08/2007	CHENNAI
5	256598	4700/CHENP/2006	19/05/2005	21/05/2004	BONE PLATE	SYNTHES GMBH	05/10/2007	CHENNAI
6	256600	1130/CHE/2006	30/06/2006		METHOD FOR PROCESSING SHORT VOICE MESSAGES IN A COMMUNICATION SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED,	09/05/2008	CHENNAI
7	256601	4236/CHENP/2006	15/04/2005	20/04/2004	A HAIR-DETECTION DEVICE	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	CHENNAI
8	256604	43/CHENP/2005	22/07/2003	23/07/2002	CONTINUOUSLY OPERATED PROCESS FOR PURIFICATION BY DISTILLATION OF METHANOL IN THE SYNTHESIS OF PROPYLENE OXIDE	BASF AKTIENGESELLSCHAFT	30/03/2007	CHENNAI
9	256617	2479/CHE/2006	29/12/2006		METHOD FOR SELECTIVE ANCHORING OF CALLS ORIGINATED AT A USER EQUIPMENT (UE)	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
10	256619	1348/CHE/2006	31/07/2006		METHOD FOR ATTRIBUTE NEGOTIATION IN EVOLUTION-DATA OPTIMIZED (EVDO) COMMUNICATION SYSTEMS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	26/03/2010	CHENNAI

11	256621	4076/CHENP/2007	16/03/2006	17/03/2005	METHOD FOR ACTIVATING NATURAL KILLER CELLS BY TUMOUR CELL PREPARATION IN VITRO	UCL BIOMEDICA PLC	23/11/2007	CHENNAI
12	256626	4751/CHENP/2006	25/05/2005	25/05/2005	APPARATUS AND METHOD FOR MONITORING STRAIN AND/OR LOAD APPLIED TO A MAMMAL	RONCHI, ANDREW, J.,RONCHI, DANIEL, M.	29/06/2007	CHENNAI
13	256636	1730/CHE/2006	20/09/2006		METHOD FOR TRACKING ELECTRONIC COMMUNICATION DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
14	256637	1677/CHE/2006	14/09/2006		METHOD FOR TRACKING STOLEN MOBILE DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	02/05/2008	CHENNAI

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1	182072	544/CAL/1994	11/07/1994		MOBILE RADIO SYSTEM	MATRSUSHITA ELECTRIC INDUSTRIAL CO LTD		KOLKATA
2	256593	1627/KOLNP/2006	17/12/2004	16/01/2004	A LEVEL SENSOR FOR DETERMINING A FUEL LEVEL IN A FUEL TANK OF A MOTOR	CONTINENTAL AUTOMOTIVE GMBH	11/05/2007	KOLKATA
3	256595	2851/KOLNP/2006	22/04/2005	28/04/2004	APPARATUS FOR IMAGING LIGHT FROM A SPECIMEN AND METHOD OF CONTROLLING THE SAME	PERKINELMER SINGAPORE PTE LTD.	08/06/2007	KOLKATA
4	256596	2832/KOLNP/2007	30/11/2006	02/12/2005	MULTILAYER OPTICAL INFORMATION RECORDING MEDIUM,OPTICAL HEAD AND OPTICAL DRIVE	RICOH COMPANY, LTD.	19/10/2007	KOLKATA
5	256599	3210/KOLNP/2008	08/02/2007	10/02/2006	A PROCESS FOR PREPARING THE FORM 1 SUCCINATE SALT OF BIPHENY-2-YLCARBAMIC ACID 1-[2-(2-CHLORO-4-[(R)-2-(8-HYDROXY-2-(8-HYDROXY-2-OXO-1,2-DIHYDROQUINOLIN-5-YL)ETHYLAMINO]METHYL)-5-METHOXYPHENYLCARBOOMOYL)ETHYL]PIPERIDIN-4-YL ESTER	GLAXO GROUP LIMITED	13/02/2009	KOLKATA
6	256627	3088/KOLNP/2007	01/02/2006	01/02/2005	4-DEMETHYLPCNLOMEDINE COMPOUND, PROCESS FOR ITS PREPARATION AND COMPOSITION COMPRISING IT	SOUTHERN RESEARCH INSTITUTE	07/12/2007	KOLKATA
7	256628	4228/KOLNP/2007	11/05/2006	12/05/2005	METHOD AND DEVICE FOR REMOVING CONTAMINANT TRACE SPECIES, ESPECIALLY ARSENIC, FROM WATER	MICRODROP ACQUA APS	28/03/2008	KOLKATA

8	256634	1033/KOL/2005	14/11/2005	16/11/2004	APPARATUS AND METHOD FOR PROCESSING ALERT MESSAGE OF MOBILE COMMUNICATION TERMINAL	LG ELECTRONICS INC.	27/07/2007	KOLKATA
9	256638	2831/KOLNP/2006	07/04/2005	09/04/2004	STACKED ORGANIC LIGHT EMITTING DEVICE	LG CHEM, LTD.	01/06/2007	KOLKATA
10	256640	4675/KOLNP/2007	01/06/2005	01/06/2005	PARAMETERIZATION DEVICE AND METHOD FOR GENERATING PARAMETERIZATION SIGNALS	SIEMENS AKTIENGESELLSCHAFT	02/01/2009	KOLKATA
11	256641	337/KOLNP/2008	09/09/2002	10/09/2001	BIOMEDICAL DEVICES CONTAINING INTERNAL WETTING AGENTS	JOHNSON & JOHNSON VISION CARE, INC.	26/09/2008	KOLKATA
12	256644	1534/KOLNP/2006	13/06/2005	14/06/2004	METHOD FOR PROCESSING DATA UNITS OF A WIRELESS COMMUNICATION SYSTEM	LG ELECTRONICS, INC.	04/05/2007	KOLKATA
13	256646	2913/KOLNP/2006	12/04/2005	16/04/2004	SAFETY DEVICE FOR A BATTERY, BATTERY HAVING THE SAME AND METHOD OF ADJUSTING THE SAFETY OF SAID BATTERY	LG CHEM, LTD.	08/06/2007	KOLKATA

CONTINUED TO PART- 2